



Region I

East Texas Regional
Water Planning Group



**REGIONAL WATER PLANNING
GROUP MEETING**

August 5, 2020



Region I

East Texas Regional
Water Planning Group



Agenda Item 6

Report from State Agencies – TWDB

August 5, 2020

TWDB Report

- RWP rulemaking update: Revisions to Chapter 357 adopted 6/4 by TWDB Board and effective 6/28. TWDB will update electronic rules pamphlet this summer. Rules are updated on the Secretary of State web site.
- IPP comments issued. TWDB comments and region response must be included in final plan.



TWDB Report (cont.)

- Final plan process (plans and prioritization list due 10/14; approve at regular meeting; need to consider all comments received; finalize implementation and IFR survey).
- Interregional Planning Council status (virtual meetings held 4/29, 5/28, 6/10, 6/22, 6/29, 7/20 with TWDB and facilitator; report due before 2022 SWP adoption).

TWDB Report (cont.)

- Flood Planning update: Planning boundaries have been established and rules adopted. Open solicitations for planning group membership and interest from potential political subdivision sponsors, deadline extended to 7/17 for membership and 8/21 for sponsors. See TWDB website for more details and submission forms.

TWDB Report (cont.)

- After submittal of the final regional water plans from all regions work on the state water plan commences. There will be a TWDB Board item later this year on a draft 2021 State Water Plan and at that point there will be opportunity for public comments.

TWDB Report (cont.)

- 1st Request for Applications (RFA) for **sixth** cycle of RWP to be issued next spring (March). More information to be provided later this year. Planning groups will need to take action to select Political Subdivision and authorize them to submit an application prior to RFA deadline. After this application is submitted and a contract initiated the political subdivision will need to go through their procurement process to obtain a consultant for the RWPG.



Budget Status

Description	Score
Contract Amount	\$1,127,625
Currently Work Completed	\$973,838
Remaining Budget	\$128,787

Task	Original Budget	Proposed Budget
3 – Water Supply Analysis	\$122,853	\$125,300
4a – Identification of Water Needs	\$22,694	\$22,830
10 – Public Participation	\$236,954	\$234,371





Region I

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Agenda Item 8

**Report from
Consultant Team**



PLUMMER



**FREESE
AND
NICHOLS**

WSP

August 5, 2020

Consultant Team Report Agenda

- **Planning Schedule**
- **IPP Comments Received**
- **IFR Survey**
- **Draft Prioritization of Strategies**

Consultant Team Report

Item 8a

Planning Schedule



TWDB Preliminary Working Schedule

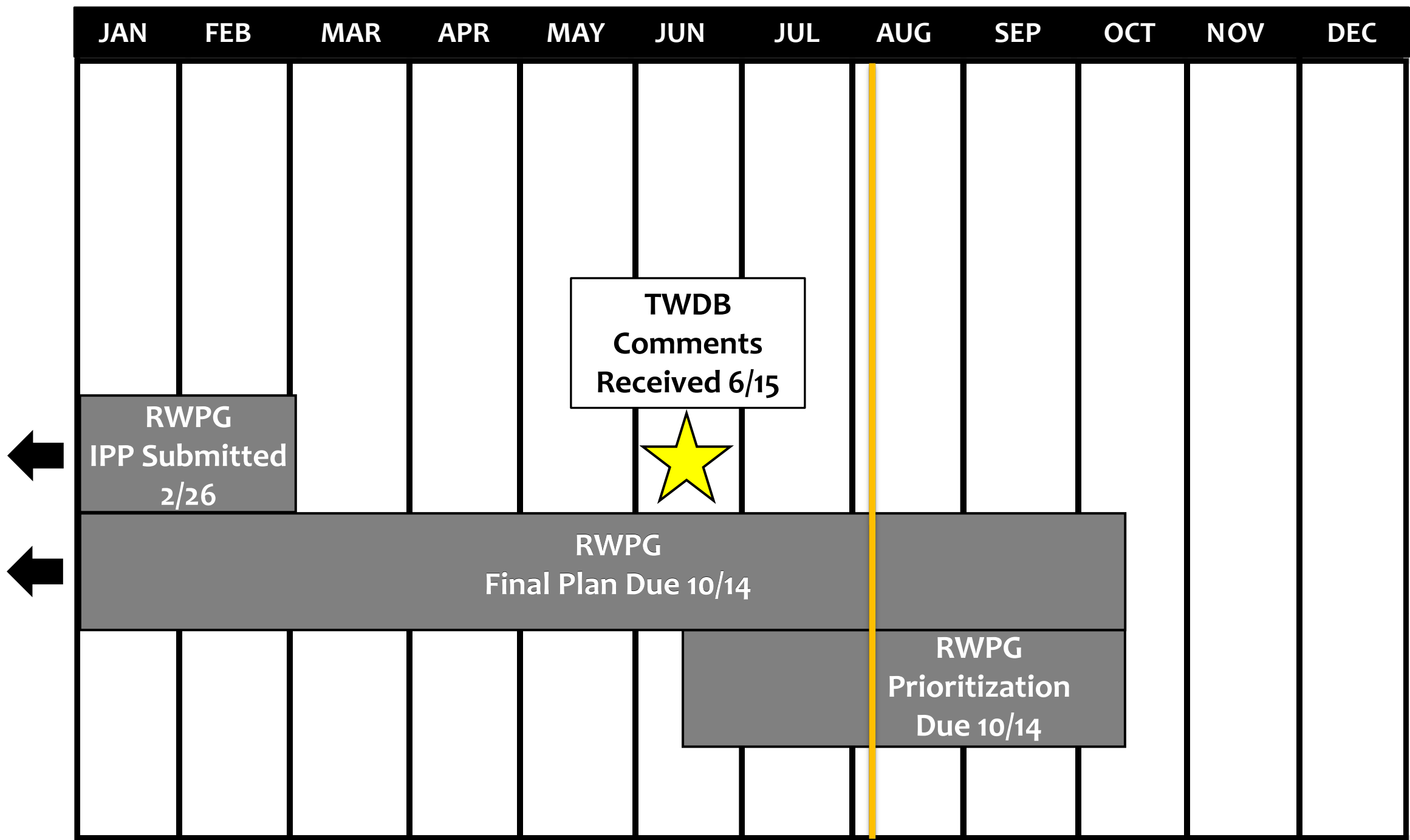
Working Schedule: Fifth Cycle of Regional Water Planning (October 2018)^A

[illegible]

August 2020



2020 Project Schedule



2019-2020 RWPG Meeting Schedule

Year	Quarter	Agenda Items		RWPG Mtg. Date
		Chapter	County-Other	
2019	Q2	1, 2 (Needs must be finalized May 2020)	4 Counties	April 17, 2019
	Q3	6, 8	6 Counties	July 17, 2019
	Q4 a	3, 4, 10	5 Counties	October 15, 2019
	Q4 b	5A, 5B, 5C	5 Counties	November 20, 2019
2020	Q1 a	ES, 5B, 7, 9, 11		January 15, 2020
	Q1 b	Initially Prepared Plan Approval (IPP due 03/03/20)		February 19, 2020
	Q2	Public Notices/Hearings		May, 2020
	Q3 a	Review Public Comments, TWDB Comments Prioritization		August 5, 2020
	Q3 b	Review Public Comments, TWDB Comments, Final Plan Approval (Final Plan due 10/14/20)		September 16, 2020

Consultant Team Report

Item 8b

IPP Comments Received

Entities Submitting Comments

- Texas Water Development Board
- RWPG Comments
- Other State Agencies
- Public Comments

Texas Water Development Board

- **Level 1 Comments** – Must be addressed to meet regulatory requirements
 - 33 Comments

- **Level 2 Comments** – Suggestions that may improve the readability of the plan
 - 22 Comments

TWDB – Level 1 Comments

- Most Level 1 comments can be resolved with the addition of clarifying text or additional information in the Plan.
- The most significant comment is regarding projects with an online decade of 2020.
 - Projects with an online decade of 2020 must be producing water by January 5th, 2023.

TWDB – Level 1 Comments (cont.)

- The consultant team's proposed approach is to push any project having a capital cost and an online decade of 2020 to 2030.
 - Approximately 20 projects will be shifted
- This will result in unmet needs being shown in the 2020 decade.

Planning Group Member Comments

- Many comments were received throughout the planning process
- Primarily grammatical comments
- Technical committee input during Prioritization

Texas State Soil and Water Conservation Board

- One comment received:
- Include TSSWCD on the list of Non-Voting Planning Group Members

(Virtual) Public Hearing – May 14th 2020

- 21 total attendees including consultants and planning group members.
- Two comments received. Neither comment requested a change to the plan or required a specific response.

Consultant Team Report

Item 8c

IFR Survey

Infrastructure Financing Report Survey

- 76 Water User Groups were contacted late Feb/early March
 - 62 via email
 - 14 via postal mail
- Responses were received from three Water User Groups

Infrastructure Financing Report Survey

- Example for Rusk livestock, mining, and SEP

New Wells (Carrizo-Wilcox) - Livestock		Total Capital Costs : \$ 275,000	
Pre-Construction Funding (Planning, Design, Permitting, Acquisition, etc.) ⁽¹⁾	\$81,000	Year Needed ⁽²⁾ :	2040
Construction Funding ⁽¹⁾	\$194,000	Year Needed ⁽²⁾ :	2040
Percent State Participation in Owning Excess Capacity ⁽³⁾ :			76%
Purchase from ANRA (Run of River, Angelina) - Mining		Total Capital Costs : \$ 14,412,000	
Pre-Construction Funding (Planning, Design, Permitting, Acquisition, etc.) ⁽¹⁾	\$5,985,000	Year Needed ⁽²⁾ :	2030
Construction Funding ⁽¹⁾	\$8,427,000	Year Needed ⁽²⁾ :	2030
Percent State Participation in Owning Excess Capacity ⁽³⁾ :			0%
Purchase from SRA (Toledo Bend) - SEP		Total Capital Costs : \$ 29,204,500	
Pre-Construction Funding (Planning, Design, Permitting, Acquisition, etc.) ⁽¹⁾	\$10,895,000	Year Needed ⁽²⁾ :	2020
Construction Funding ⁽¹⁾	\$18,309,500	Year Needed ⁽²⁾ :	2020
Percent State Participation in Owning Excess Capacity ⁽³⁾ :			0%

Infrastructure Financing Report Survey

- The IFR Survey helps the TWDB anticipate future funding needs
- Responses to the IFR surveys affect project prioritization
- If you represent a WUG, please review the letter sent in late Feb/early March for changes. Contact dmay@plummer.com if you need the letter resent.

Consultant Team Report

Item 8d

Draft Prioritization of Strategies

Prioritization

- Process of prioritizing recommended Water Management Strategies
- 57 recommended WMS in the 2021 Region I Water Plan
- The prioritization score of a project is considered when applying for SWIFT funding

Prioritization Criteria

- **Thirteen criteria across five categories**
 - Decade of Need (40%)
 - Project Feasibility (10%)
 - Project Viability (25%)
 - Project Sustainability (15%)
 - Project Cost Effectiveness (10%)

Prioritization Criteria (1/5)

- What decade does the project come online?

Decade	2020	2030	2040	2050	2060	2070
Score	10	8	6	4	2	0

- In what decade is initial funding needed?

Decade	2020	2030	2040	2050	2060	2070
Score	10	8	6	4	2	0

Prioritization Criteria (2/5)

- What supporting data is available to show that the quantity of water needed is available?
- Does the sponsor hold necessary legal rights, water rights and/or contracts?
- What level of engineering and/or planning has been accomplished for this project?
- Has the project sponsor requested in writing that the project be included in the Regional Water Plan?

Prioritization Criteria (3/5)

- What is the % of the WUG's needs satisfied by this project in its **first** decade?
- What is the % of the WUG's needs satisfied by this project in the **final** decade?
- Is this project the only economically feasible source of new supply for the WUG, other than conservation?
- Does this project serve multiple WUGs?

Prioritization Criteria (4/5)

- Over what period of time is this project expected to provide water?

Description	Score
Less than or equal to 20 years	5
Greater than 20 years	10

- Does the volume of water supplied by the project change over the regional water planning period?

Description	Score
Decrease	0
Stay the Same	3
Increase	5

Prioritization Criteria (5/5)

- How does the project's unit cost compare to median unit cost?

Description	Score
200% or greater	0
150% to 199%	1
101% to 149%	2
100%	3
51% to 99%	4
0% to 50%	5

Draft Prioritization Results

- [Display Prioritization Results]

Draft Prioritization Results

- Please review the draft prioritization scores and results. Provide comments to dmay@plummer.com by September 2nd.
- Action will be taken at the September planning meeting to approve the Prioritization scores.

Questions?

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