

An aerial photograph of a suburban neighborhood. A winding river flows through the center, surrounded by green grass and trees. Residential houses with red roofs are visible on both sides of the river. In the foreground, a large green field is bordered by a road and a residential area. The background shows more houses and distant hills under a clear sky.

July 21, 2020

Sustainable Groundwater Management Act Overview

Photo Credit: City of Lathrop

Sustainable Groundwater Management Act Key Terms

SGMA = Sustainable
Groundwater Management Act

GSA = Groundwater
Sustainability Agency

GSP = Groundwater
Sustainability Plan



Discussion Topics

1. Sustainable Groundwater Management Act Overview
2. Tracy Subbasin Overview
3. Tracy Subbasin GSP Development
4. Next Steps and How to Get Involved

Meeting Format and Webinar Instructions

Audio Options

Note: All participant microphones will be muted while the speaker is presenting.

1. To Use Your Computer's Audio:

When the webinar begins, you will be connected to audio using your computer's microphone and speakers (i.e. Voice Over Internet Protocol or VoIP).

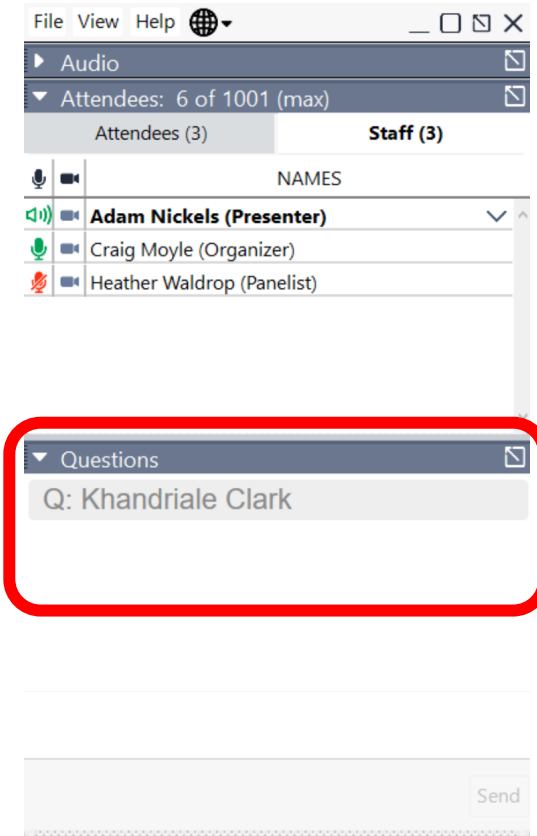
A headset is recommended.

--OR--

2. To Use your Telephone:

If you prefer to use your phone, you must select "Use Telephone" after joining the webinar and call in using the number provided in the email confirmation received during registration.

How to Ask Questions



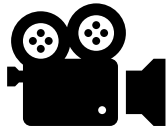
Webinar Participants:

- Open the “Questions” tab in the GoToWebinar dashboard.
- Type in your request or your question and send to “All”.
- When your question is next, we will read your question and/or announce your name, then open your microphone.

Conference Call-Only Participants:

- Send a text message with your full name to: (818) 730-9561
- You will be added to the list of commenters in the order it is received.

This Meeting is Being Recorded



A recording of the webinar and copies of the webinar materials will be uploaded on the Tracy website at

www.tracysubbasin.org

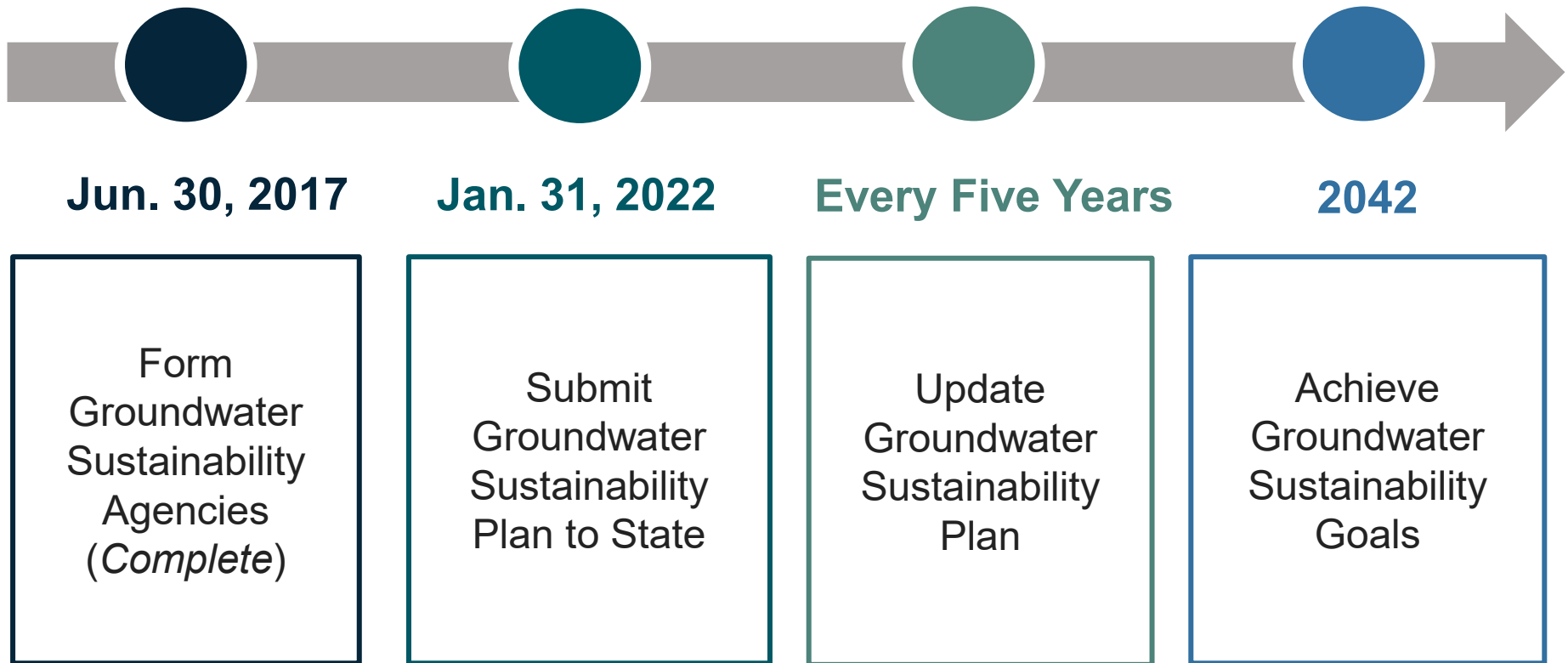
Sustainable Groundwater Management Act Overview

Sustainable Groundwater Management Act of 2014

- Recognizes that groundwater management in California is best accomplished locally
- Does not change or affect surface water rights



Sustainable Groundwater Management Act Requirements



Undesirable Results



Chronic Lowering of Groundwater Levels



Reduction in Groundwater Storage



Seawater Intrusion



Degraded Water Quality



Land Subsidence

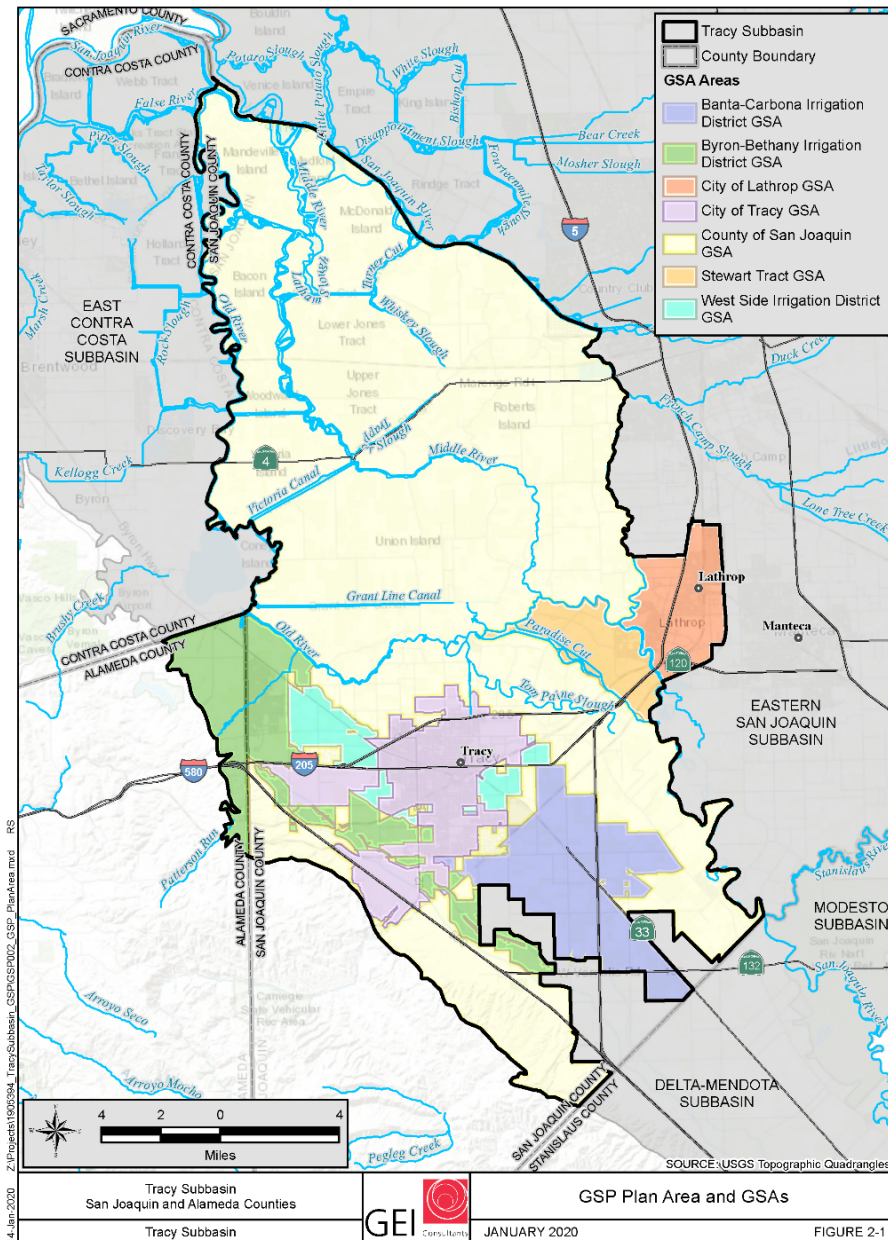


Depletion of Interconnected Surface Water

Tracy Subbasin Overview

Tracy Subbasin

- Boundary of the subbasin has been modified
- Includes San Joaquin County and small portion Alameda County
- Generally bounded by San Joaquin River and San Joaquin County line
- Includes significant portion of the legal Delta



7 Groundwater Sustainability Agencies

Developing

1 Groundwater Sustainability Plan

- Banta-Carbona Irrigation District
- Byron-Bethany Irrigation District
- City of Lathrop
- City of Tracy
- San Joaquin County
- Stewart Tract
- The West Side Irrigation District

Where We Stand

- The Tracy Subbasin is **not** currently considered to be in an overdraft condition.
- Local water managers have collaboratively managed the subbasin for decades.
- The Groundwater Sustainability Plan will include a “road map” that will continue the successful sustainable management of the Subbasin.

What Has Been Done Thus Far

- ✓ Completed agreements between Tracy Subbasin Groundwater Sustainability Agencies
- ✓ Issued a Notice of Intent to Prepare the Groundwater Sustainability Plan
- ✓ Obtained grant funding for prepare plan and conduct outreach
- ✓ Developed communications plan and website: tracysubbasin.org
- ✓ Started initial stages of Groundwater Sustainability Plan Development

Groundwater Sustainability Plan Funding

Funding to develop the Groundwater Sustainability Plan and public outreach currently 100% funded through several sources.

- San Joaquin County Groundwater Investigation Zone No. 2
- Staff time and resources from each GSA
- Grant Funding and Support: DWR Proposition 1 Grant: \$450,000
- Other funding sources: Facilitation Support Services (DWR), Technical Support Services (DWR)

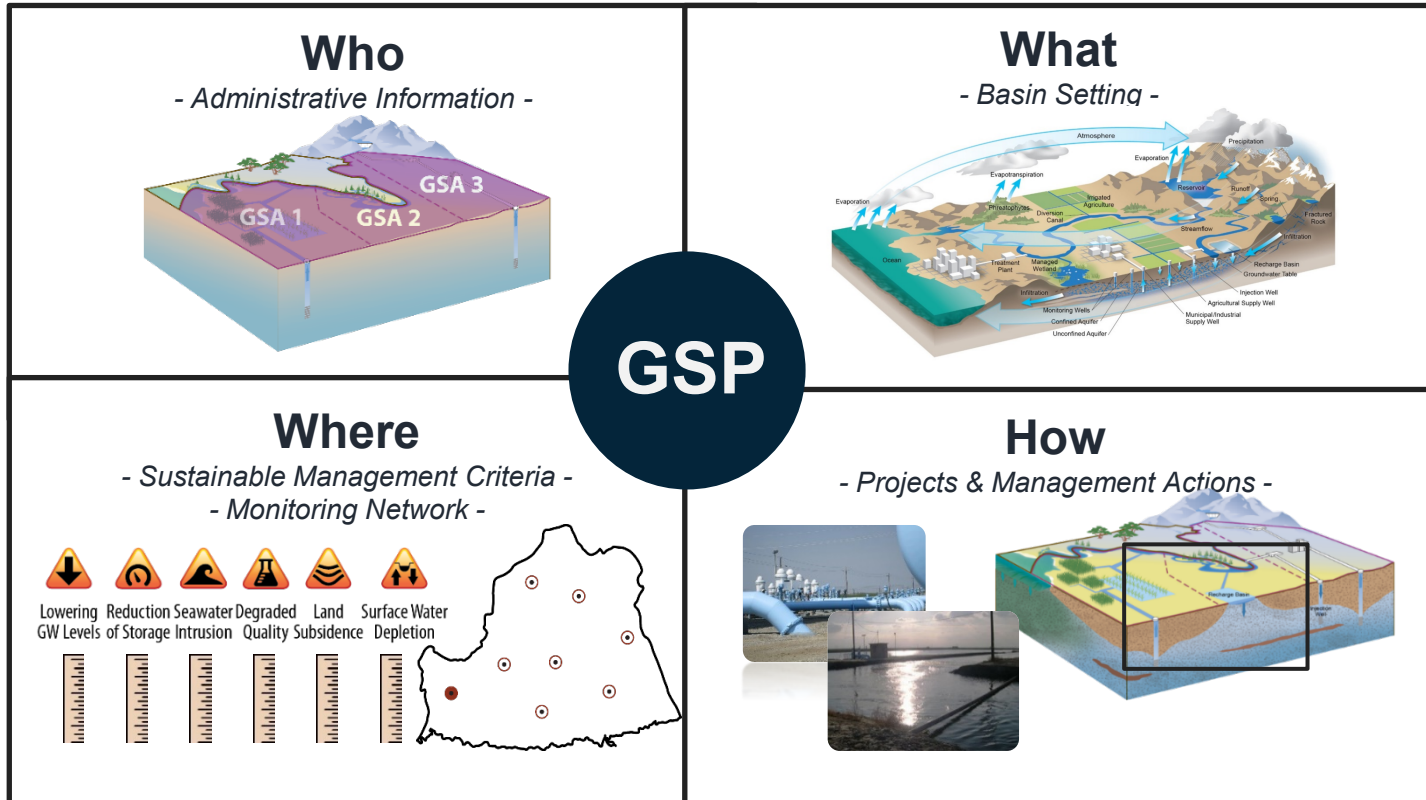
Questions



Photo Credit: Byron-Bethany Irrigation District

Tracy GSP Development

GSP Components

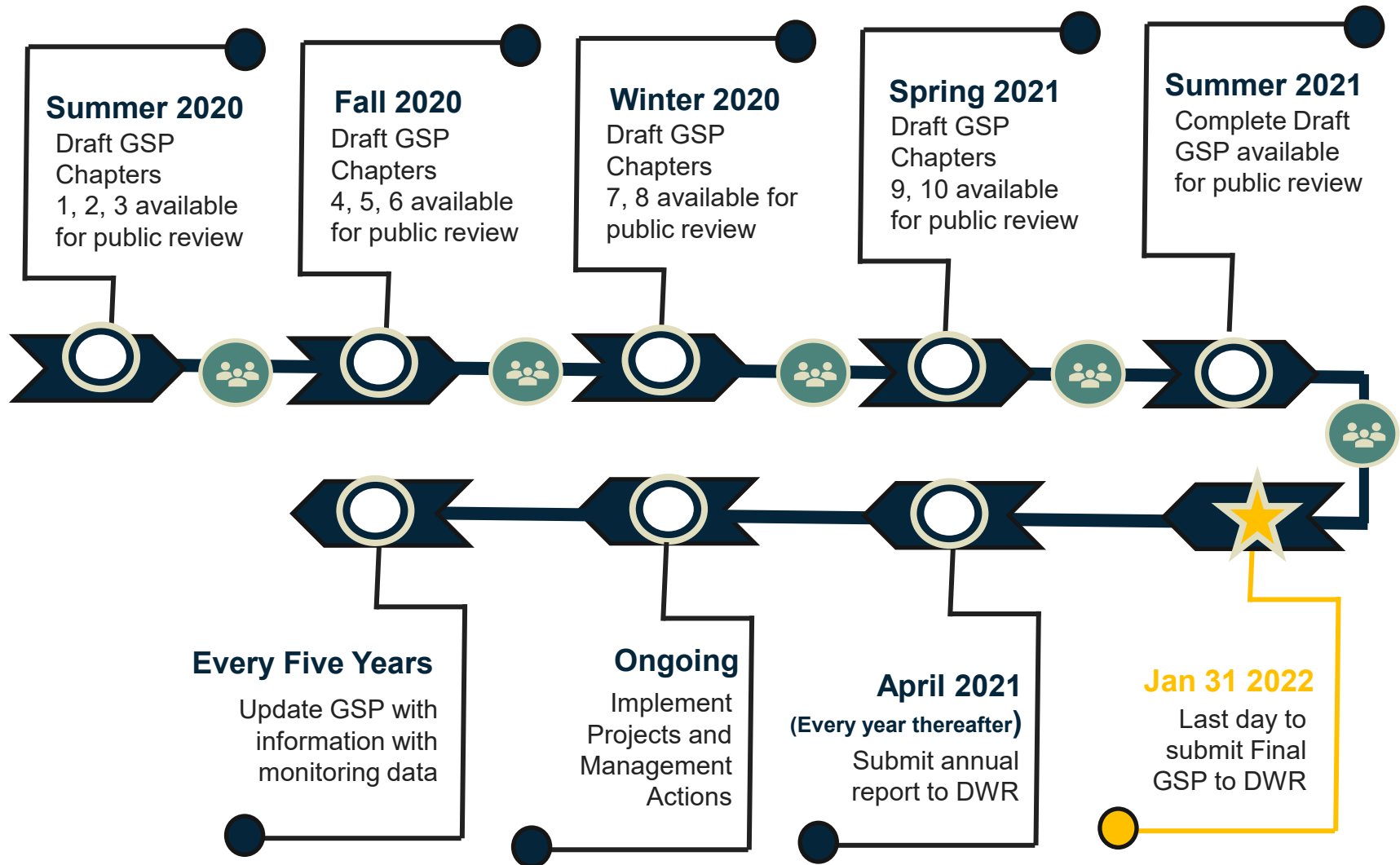


Source: California Department of Water Resources

Groundwater Sustainability Plan Content

- Agency Information
- Plan Area
- Hydrogeologic conditions
- Water budget
- Sustainability goals
- Thresholds and measurable objectives
- Projects and management actions
- Monitoring network

GSP Development Process



= Public Workshop
or Hearing

Tracy Subbasin

GSP Development and Implementation Approach

- Seek public input on the draft GSP chapters as they are completed.
- Incorporate public comments into a complete Draft GSP.
- Update the GSP at a minimum of every five years (the GSP is a “living document”)
- Utilize an adaptive management approach based on monitoring results and project/management action implementation.

Anticipated Draft GSP Development Schedule

GSP Chapters(s)	Public Review Date
Chapter 1: Introduction	Available Now
Chapter 2: Agency Information	
Chapter 3: Description of Plan Area	
Chapter 4: Hydrogeologic Conceptual Model	Fall 2020
Chapter 5: Groundwater Conditions	
Chapter 6: Water Budgets	
Chapter 7: Sustainability Criteria and Goals	Winter 2020
Chapter 8: Monitoring Networks	
Chapter 9: Projects and Management Actions	Spring 2021
Chapter 10: Notice and Communications	
Public Draft GSP Review	Summer 2021

Draft GSP Chapters 1 - 3

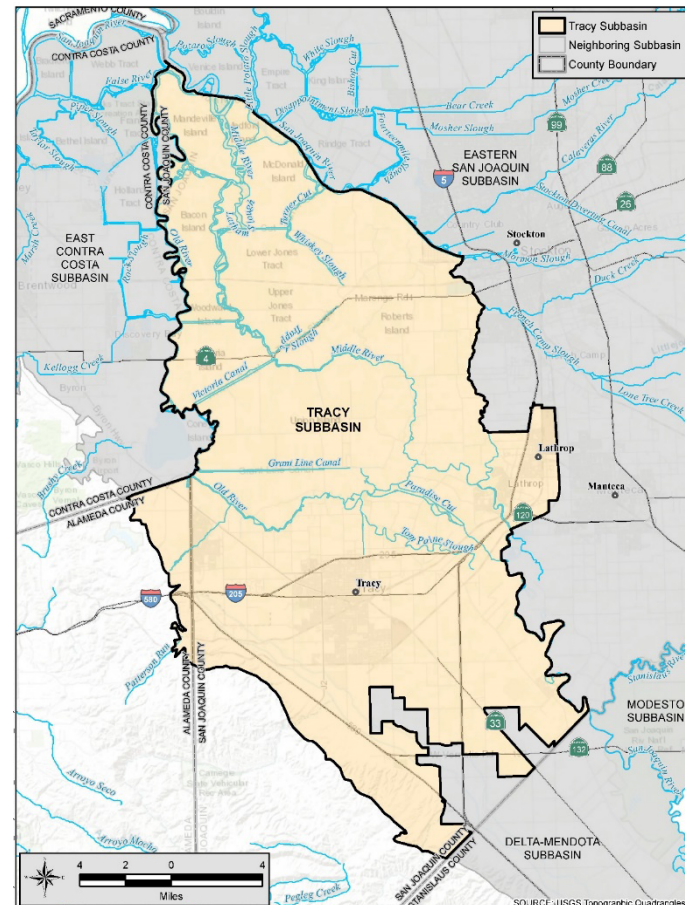
- Introduction
- Agency Information
- Plan Area
 - Jurisdictional Areas
 - Land Use
 - Water Use Sectors and Growth
 - Water Sources
 - Existing Management Plans
 - GSP Implementation Effects



GSP Content: Chapter 1

Introduction

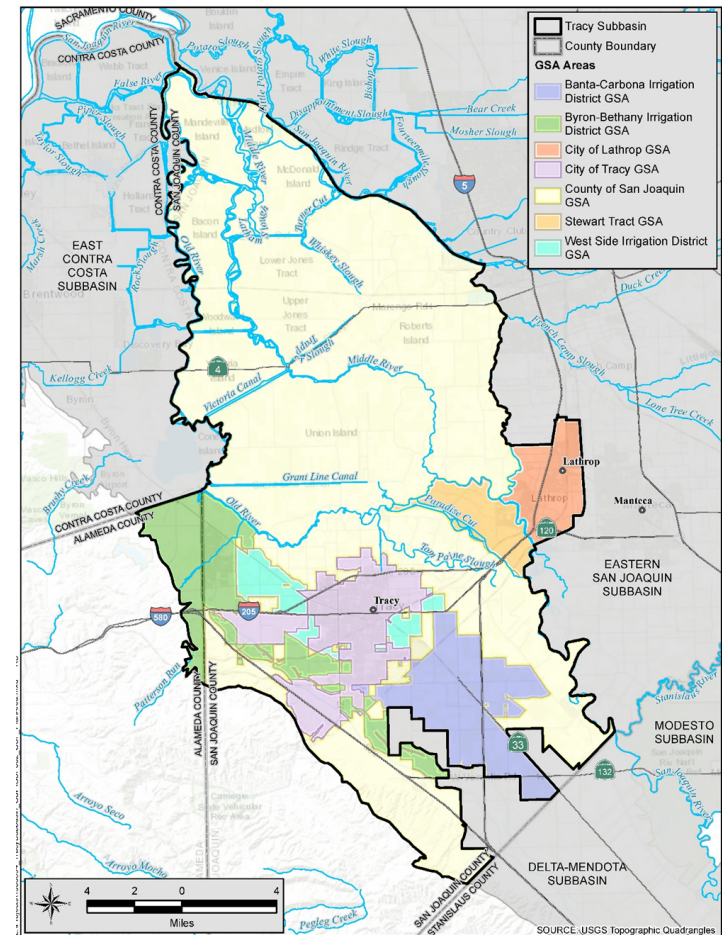
- Brief overview of the GSP contents
- What is contained in the GSP



GSP Content: Chapter 2

Agency Information

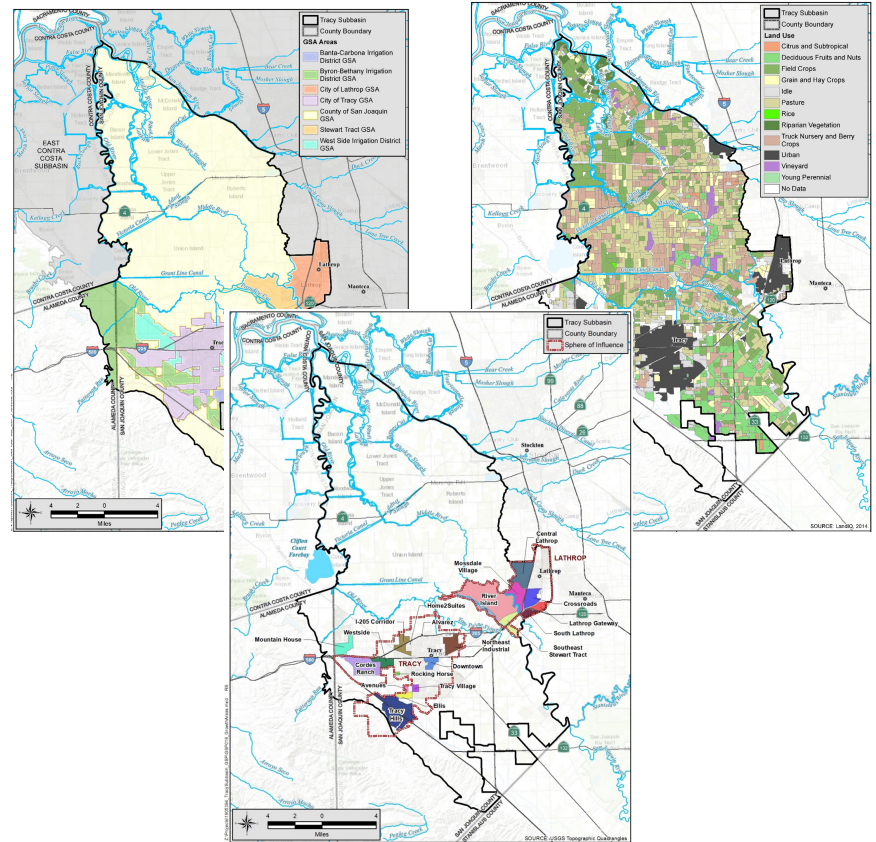
- Who are GSAs in Subbasin
- Who is the leading GSP development
- Description of the agreement to *develop* the GSP
- Description of the agreement to *implement* the GSP
- GSP implementation costs



GSP Content: Chapter 3

Plan Area

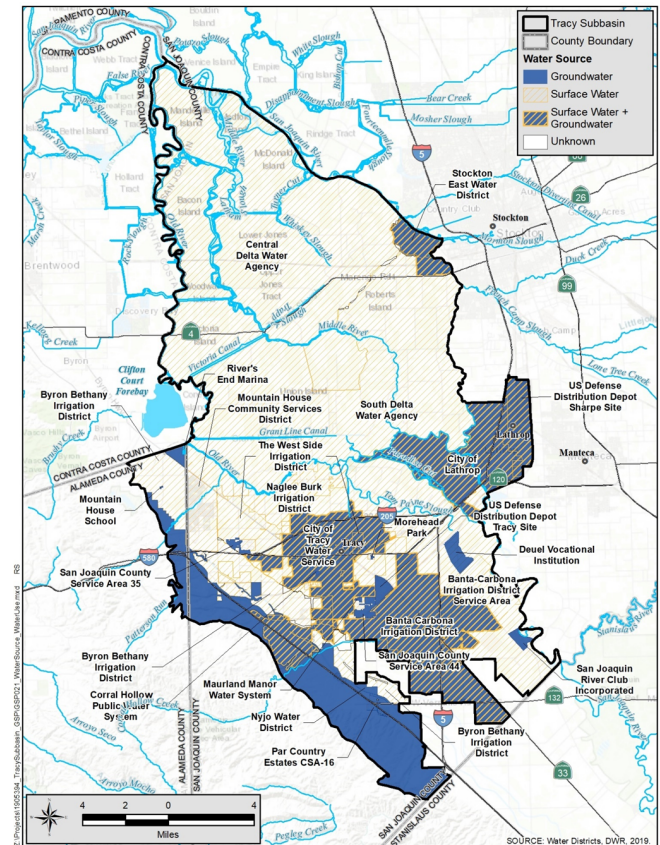
- Jurisdictional Areas
- Land Use
- Water Use Sectors
- Water Sources
- Growth
- Existing Management Plans
- GSP Implementation Effects
- Monitoring Network



GSP Content: Chapter 3

Water Use

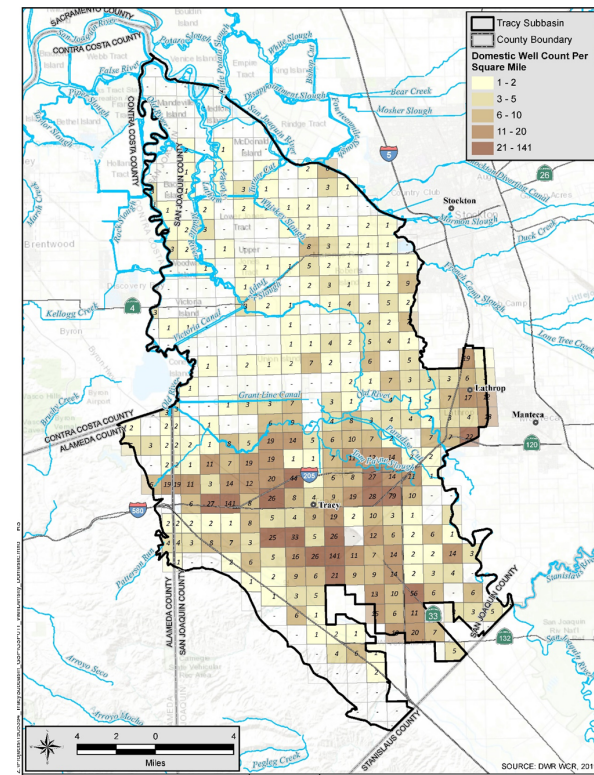
- Water Use Sectors and Water Sources
 - Municipal and Industrial
 - Urban and Rural
 - Agriculture
 - Native Vegetation
 - Aquatic Species
 - Environmental cleanup
- How Much
 - Groundwater – 13,000 AFY
 - Surface Water – 400,000 AFY



GSP Content: Chapter 3

Groundwater Wells

Well Type	Count
Domestic	1,958
Agriculture	373
Municipal	74
PRODUCTION WELL TOTAL	2,405



Chapter 3: Plan Area *Land Use Plans*

- Land Use Plans
 - General Plans
 - Specific Plans
- Identifies Growth Areas
- Groundwater use forecasts are to increase by 8,000 AFY over next 20 years

Agency		Acre-Feet						
		2015	2020	2025	2030	2035	2040	Buildout
City of Tracy								
	Surface Water	13,522	18,455	19,260	20,065	20,871	21,677	28,325
	Groundwater	519	767	837	907	977	1,046	1,423
	Recycled Water	0	963	1,926	2,889	3,851	4,814	7,696
City of Lathrop								
	Surface Water	241	6,760	6,811	6,863	6,887	10,671	10,671
	Groundwater	3,204	6,253	7,060	7,060	7,060	7,060	7,060
	Recycled Water	429	1,159	1,067	1,067	1,067	1,067	2,350
Mountain House								
	Surface Water	2,394	5,120	6,394	7,666	8,938	10,172	10,172
	Groundwater	0	0	0	0	0	0	0
	Recycled Water	0	0	0	0	0	0	0
Unincorporated County								
	Surface Water	0	0	0	0	0	0	0
	Groundwater	0	0	0	0	0	0	0
	Recycled Water	0	0	0	0	0	0	0
Total Projected Growth on Surface Water		16,157	30,335	32,465	34,594	36,696	42,520	49,168
Total Projected Growth on Groundwater		3,723	7,020	7,897	7,967	8,037	8,106	8,483
Total Projected Growth on Recycled Water		429	2,122	2,993	3,956	4,918	5,881	10,046

How to Provide Comment

**Provide comments on the Tracy Subbasin website.
Comments on Chapters 1 – 3 are due by August 21, 2020.**

The screenshot shows a web interface with a blue header button that says "Register as an interested party" with a pencil icon. Below this is a paragraph of text explaining that comments on draft GSP documents are collected through an online form. Under the heading "Documents Currently Open for Comment", there is a list item "Tracy GSP DRAFT Chapters 1-3 and Appendices_jun 23.pdf" which is highlighted with an orange box. Below the list is a "Submit Comment" button, also highlighted with an orange box. At the bottom, there are three buttons: "View all public documents", "View Upcoming Events", and "View Past Events", each with a magnifying glass icon.

Register as an interested party

Comments on draft GSP documents are being collected through an online form. Use the button below to submit a comment during the public comment period for each section.

Documents Currently Open for Comment

- Tracy GSP DRAFT Chapters 1-3 and Appendices_jun 23.pdf

Submit Comment

View all public documents

View Upcoming Events

View Past Events

Download the draft chapters

Provide comment in the comment form

Questions



Photo Credit: Byron-Bethany Irrigation District

Next Steps and How to Get Involved

How to Get Involved

Stay Informed

- Register as an interested party.
- Attend regular public meetings.
- Visit the Tracy Subbasin website for the latest updates and informational materials.

Provide Input on The GSP

- Attend public meetings and GSP workshops.
- Review and provide comments on draft GSP chapters on the Tracy Subbasin website.

Talk to Your Local GSA Representative

- Learn more about how this may impact you or your community.

Contacts for Tracy Subbasin GSAs

GSA	Contact Name	Contact Email
Banta-Carbona Irrigation District	David Weisenberger	bcid@inreach.com
Byron-Bethany Irrigation District	Nick Janes	n.janes@bbid.org
City of Lathrop	Greg Gibson	ggibson@ci.lathrop.ca.us
City of Tracy	Lemar Saffi	lemar.saffi@cityoftracy.org
County of San Joaquin	Matt Zidar	mzidar@sjgov.org
Stewart Tract	Ryan Alameda	ralameda@riverislands.com
West Side Irrigation District	Nick Janes	n.janes@bbid.org

Next Steps

- Describe groundwater conditions
- Prepare subbasin water budget
- Identify groundwater sustainability goals and criteria
- Identify projects and management actions
- Release Draft Groundwater Sustainability Plan (anticipated Summer 2021)



For more
information visit
tracysubbasin.org

Photo Credit: City of Tracy

Questions



Photo Credit: Byron-Bethany Irrigation District



Thank You



Extra Slides

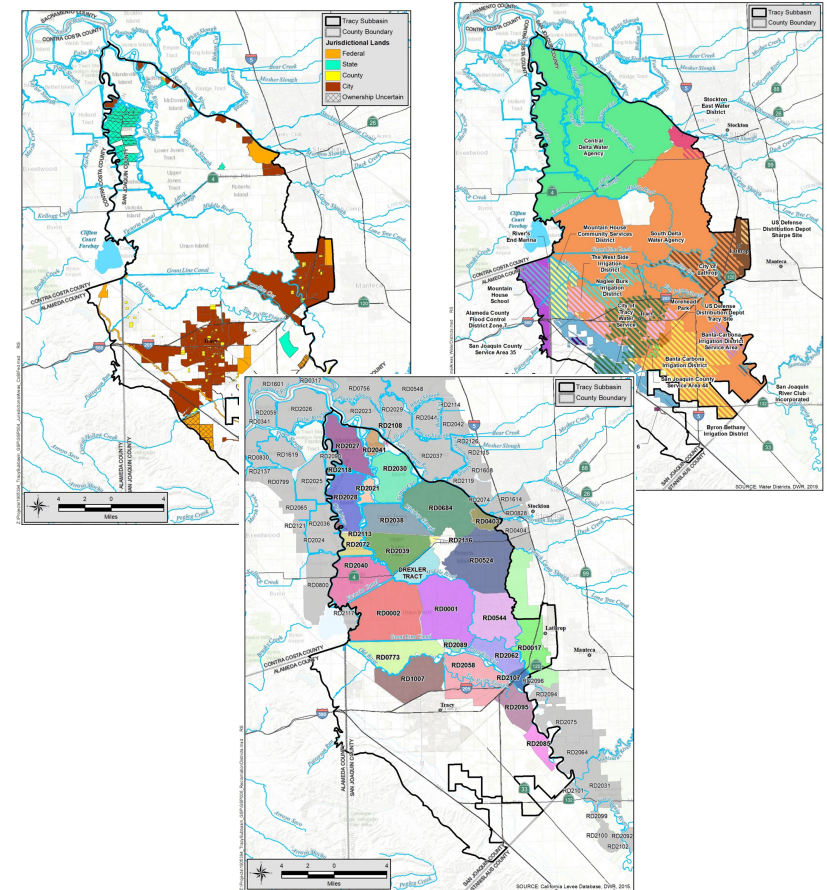
Chapter 3: Plan Area *Existing Water Management Plans*

- Integrated Regional Water Management Plans
- Urban Water Management Plans
- Agricultural Water Management Plans
- Salt/Nutrient Management Plans (ILRP)
- Water Quality Control Plan

GSP Content: Chapter 3

Jurisdictional Area

- Jurisdictional Areas
 - Federal, State, Counties, Cities
 - Tribes
 - Community Water Districts
 - Irrigation Districts
 - Reclamation Districts
 - Drainage Districts



GSP Content: Chapter 3

Land Use

- Current Land Use
 - Urban
 - Agricultural
 - Wetlands
 - Habitats
 - Not Classified
- Future Land Use
 - Urban
 - Agricultural

