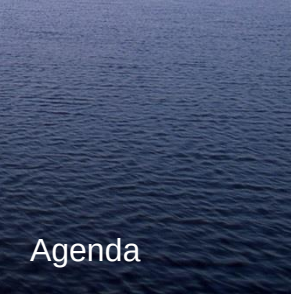
NORTH KINGS GROUNDWATER SUSTAINABILITY AGENCY

Draft Groundwater Sustainability Plan Open House

CPDES Portuguese Hall, Easton
Sep. 18, 2019



AGENDA

6:00 to 6:30 p.m. – Open House

6:30 to 7:00 p.m. – Presentations

- ***Welcome and SGMA Overview***
- ***Groundwater Sustainability Plan (GSP) Overview***
- ***Unincorporated Region GSP Implementation***
- ***How to comment***

7:00 to 8:00 p.m. – Open House

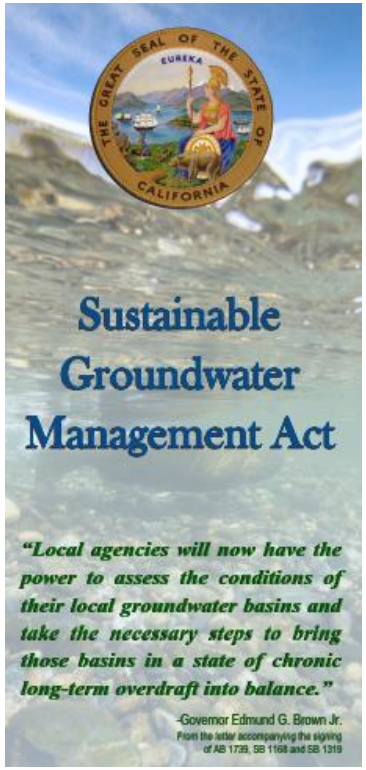
Got Questions?

Visit www.tinyurl.com/2020GSP or scan this QR Code with your smartphone to provide your comment or question to tonight's presenters.

Gary Serrato, Executive Director

Welcome and SGMA Overview

SGMA Overview



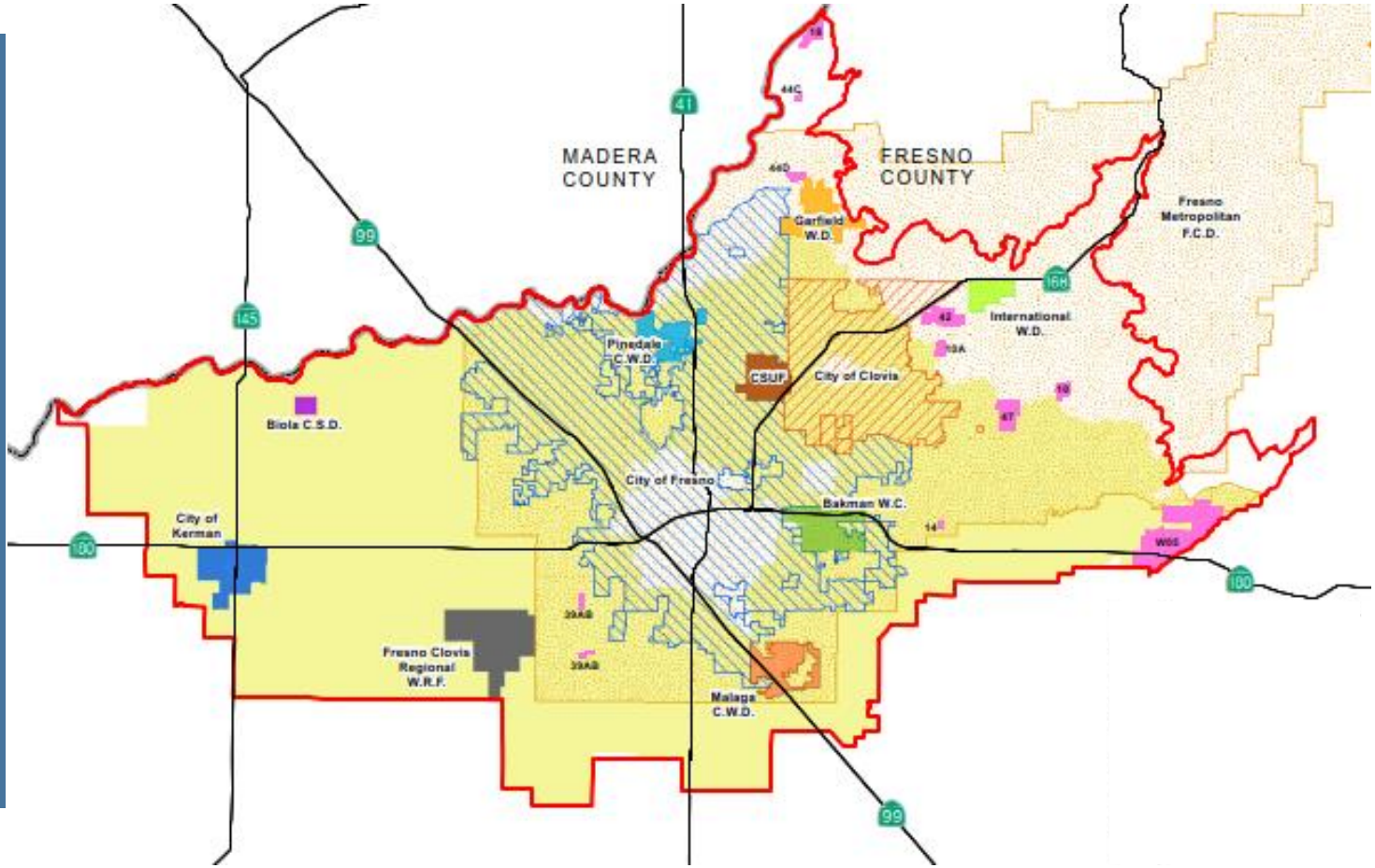
- SGMA Enacted in 2014
  - Legislation to manage GW to sustainable levels
  - Local agencies to form GSAs
  - Counties are backstop
  - State will intervene if locals fail
- Establishment of GSAs by June 2017
- GSP Adoption Required by Jan 2020
- Annual Reports due April 1 starting in 2020
- 5-Year GSP Updates
- Reach Groundwater Sustainability by 2040

Steps to Sustainability

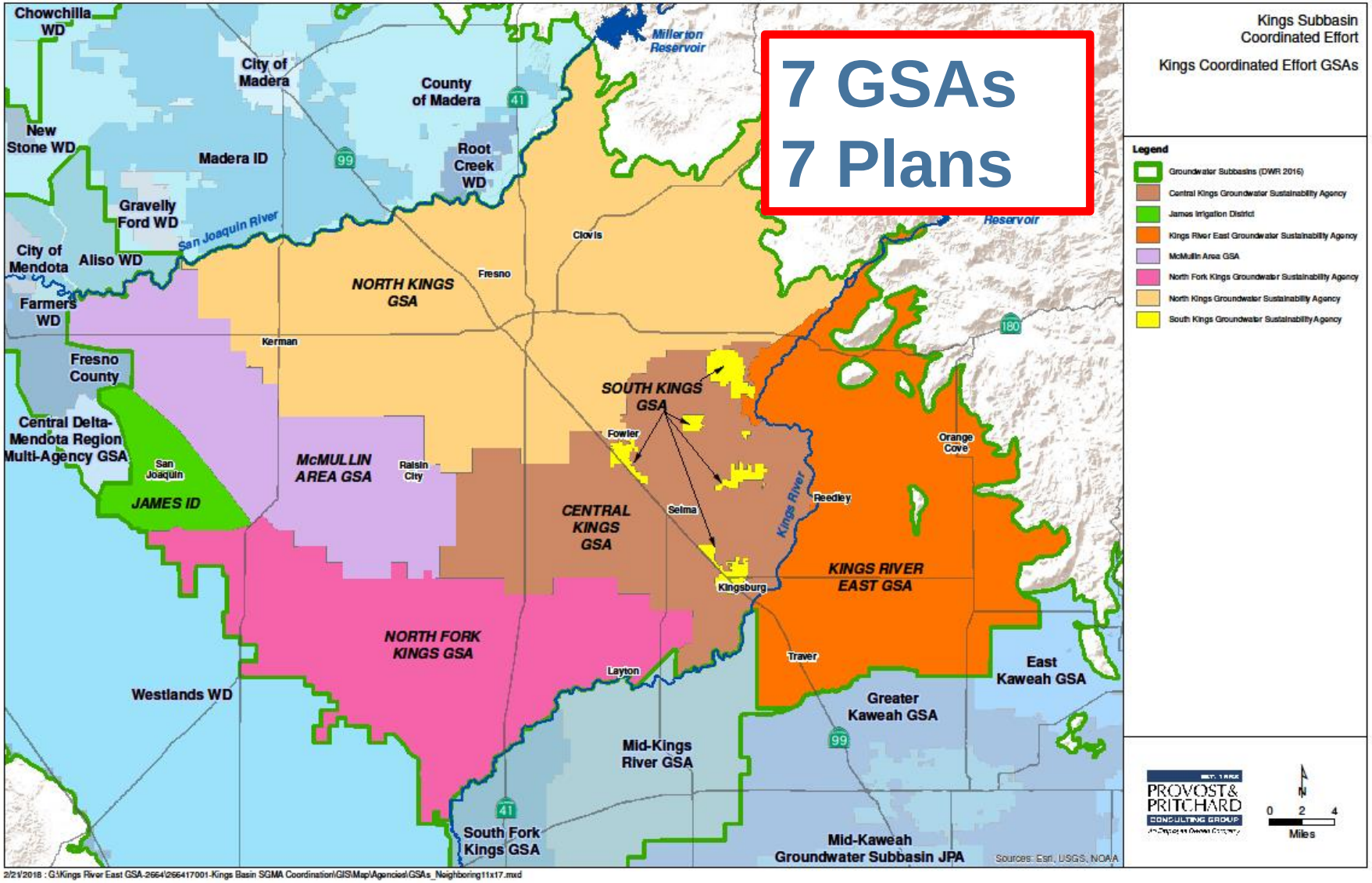
June 1, 2016	June 30, 2017	January 31, 2020	January 31, 2022	January 31, 2040/2042
DWR adopts regulations for evaluating groundwater sustainability plans	Groundwater sustainability agencies formed	High and medium priority basins in critical overdraft managed by groundwater sustainability plans	All high and medium priority basins managed by groundwater sustainability plans	All high and medium priority basins achieve groundwater sustainability (twenty years after plan is adopted)

NKGSA Agencies

- Bakman Water Company
- Biola CSD
- City of Clovis
- City of Fresno
- City of Kerman
- County of Fresno
- Fresno ID
- FMFCD
- Garfield WD
- International WD
- Malaga CWD
- Pinedale CWD
- CSUF



Kings Subbasin GSAs

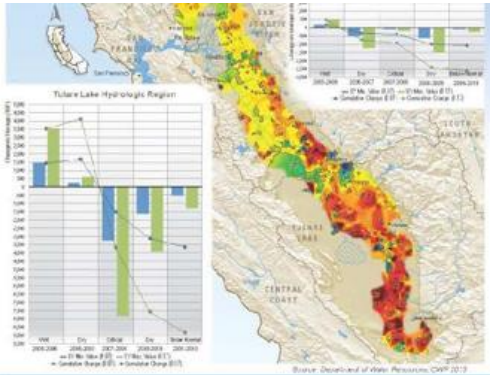


Adam Claes, Chair, Technical Advisory Committee

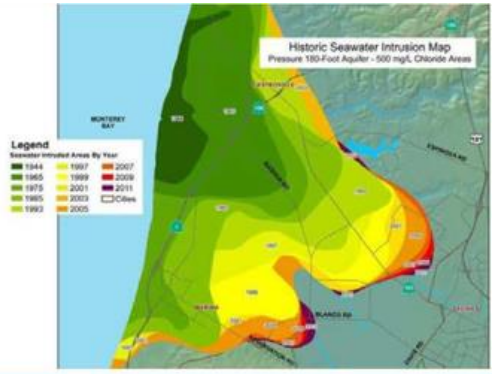
NKGSA Groundwater Sustainability Plan Overview

The 6 Undesirable Results

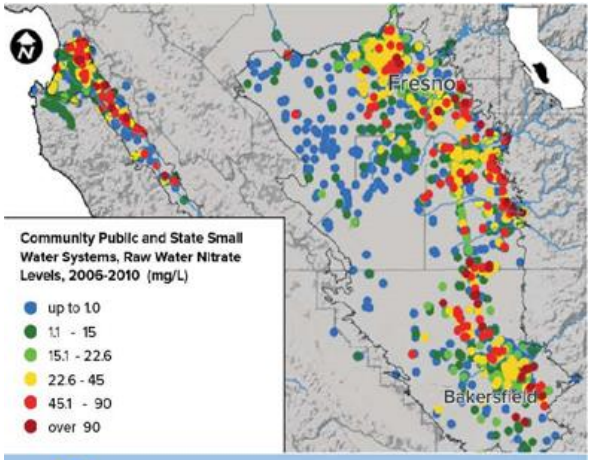
Lowering of GW Levels



Reduction of GW Storage



Seawater Intrusion



Water Quality Degradation

Land Subsidence

Depletion of Interconnected Streams

GSP Development Process

- Prepared by Technical Committee of diverse group of stakeholders
- Meeting monthly since Feb 2017
- Reviewed requirements, identified issues, developed draft language by section, reviewed and commented, section revised
- Information incorporated from Kings Basin Coordination Efforts

Plan Review

GSP Development Process Con't

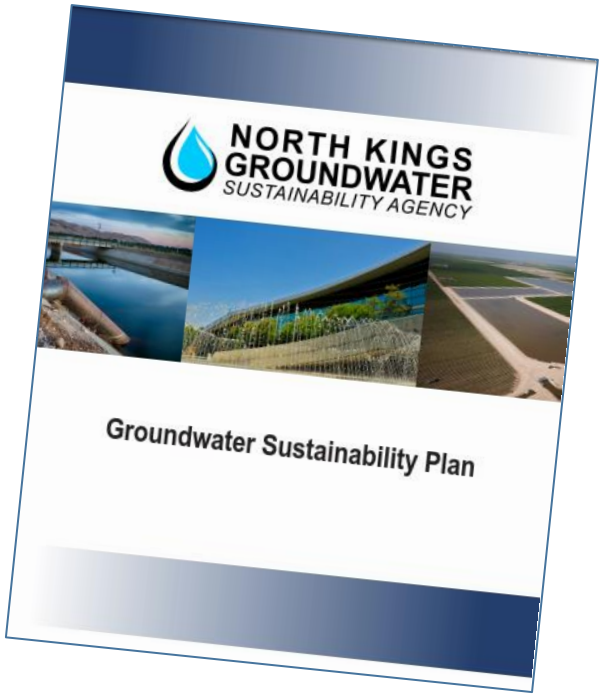
- Technical Subcommittee members:
  - Private well owners (domestic, ag)
  - Cities (Fresno, Clovis, Kerman)
  - Fresno County
  - Urban (Bakman, Biola, Malaga, Pinedale)
  - Irrigation districts (Fresno ID, Garfield WD)
  - DACs (Self Help, Leadership Counsel)
  - CSU Fresno, FMFCD
  - Hydrogeologists

Acknowledgements

The North Kings Groundwater Sustainability Agency would like to thank the following members of the Technical Subcommittee and others who made significant contributions to this Groundwater Sustainability Plan:

Adam Claes – Fresno Irrigation District
Bill Stretch – Fresno Irrigation District
Bernard Jimenez – County of Fresno
Brandy Swisher – Fresno Metropolitan Flood Control District
Craig Moyle - Stantec
Dao Lor – Asian Business Institute
David Cehrs – Grower, Hydrogeologist
Dejan Pavic – City of Fresno
Dwight Miller – Biola Community Services District (formerly)
Felipe Perez – Biola Community Services District
Gary Serrato – Fresno Irrigation District
Gavin O'Leary - Provost & Pritchard Consulting Group
Glenn Allen – County of Fresno
Heather Bashian – Provost & Pritchard Consulting Group
Jason Franklin – Pinedale County Water District
Jason Pucheu – Maricopa Orchards
Jim Anderson – Malaga County Water District
Ken Moore – City of Kerman
Ken Schmidt - Hydrogeologist
Liesbet Olaerts – Self-Help Enterprises
Lisa Koehn – City of Clovis (formerly)
Lynn Groundwater - Provost & Pritchard Consulting Group
Michael Prandini – Building Industry Association of Fresno & Madera Counties
Nick Keller – Garfield Water District
Owen Kubit – Provost & Pritchard Consulting Group
Paul Armendariz – City of Clovis
Peter Sanchez – Fresno Metropolitan Flood Control District
Ronald Samuelian – Provost & Pritchard Consulting Group
Roy Jimenez – County of Fresno
Sarge Green – California State University Fresno
Sayre Miller – Grower
Scott Houlding - Grower
Scott Redelfs – City of Clovis
Shawn Vaughn - Provost & Pritchard Consulting Group
Shay Bakman – Bakman Water Company
Shay Overton - Provost & Pritchard Consulting Group
Sue Ruiz – Landowner, Self-Help Enterprises

GSP Organization



Executive Summary

1 – Introduction

2 – Plan Area

3 – Basin Setting

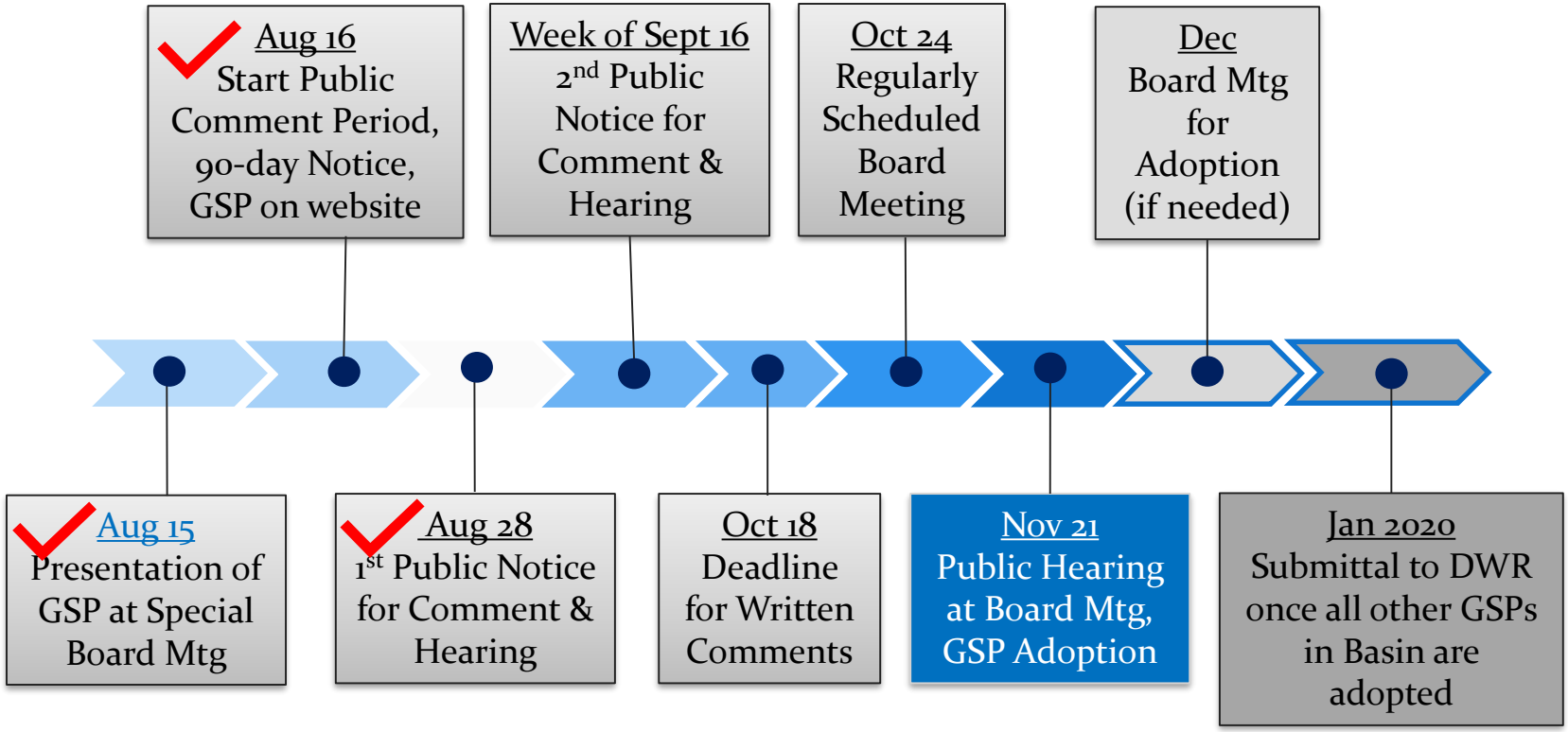
4 – Sustainable Management Criteria

5 – Monitoring Network

6 – Projects and Management Actions

7 - Implementation

NKGSA GSP Adoption Schedule



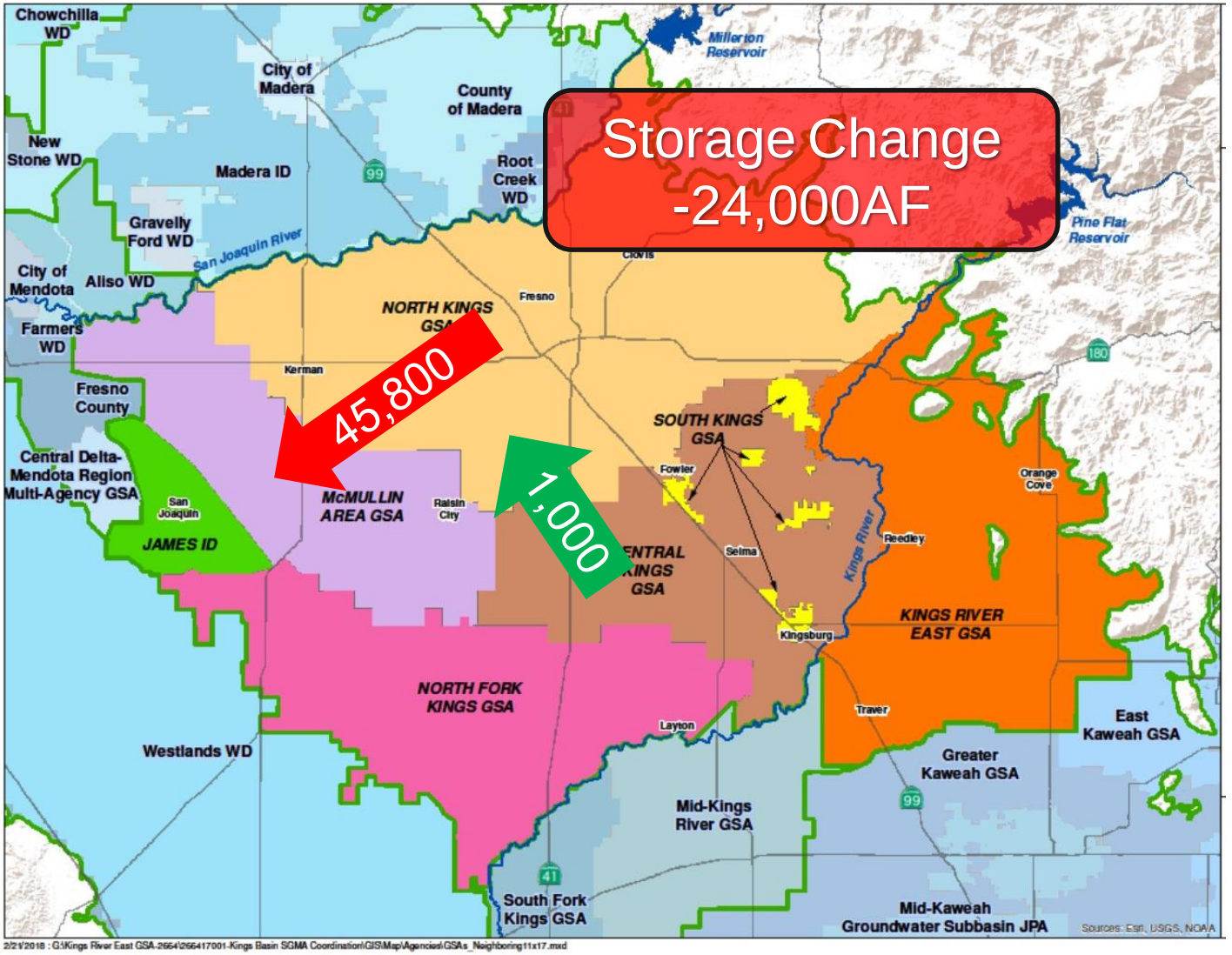
(Schedule subject to change)

Adam Claes, Fresno Irrigation District

GSP Implementation in the Fresno ID Region

Water Balance

NKGSA in "surplus" ONLY if boundary flows stop



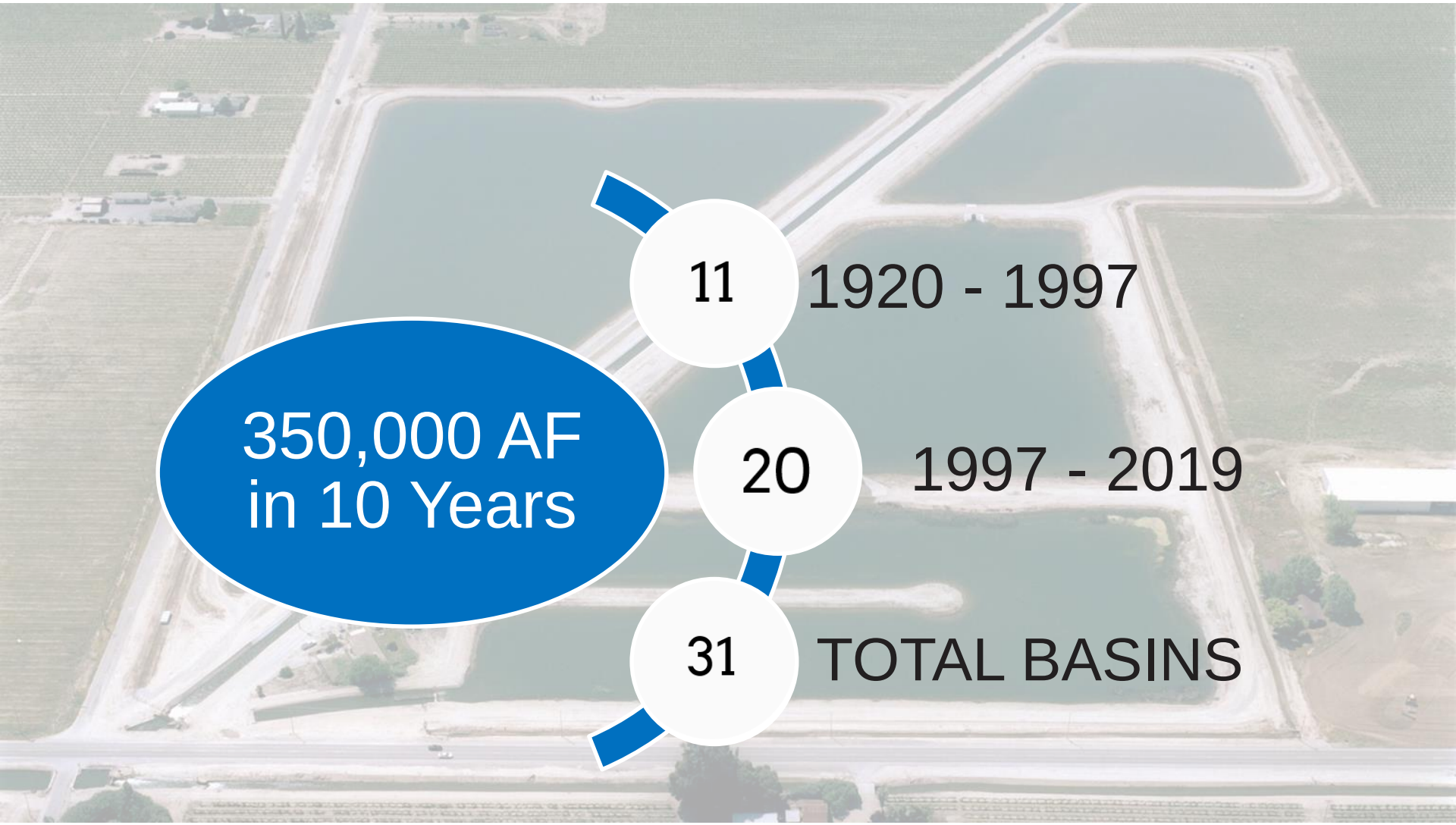
FID Projects in GSP

Included FID projects:

- Central Basin (90 acres) – 2,600 AF/yr
- Wagner Basin (60 acres) – 2,300 AF/yr
- Savory Pond Expansion (20 acres) – 1,200 AF/yr
- On-Farm Recharge Program – 10,000 AF/yr

Total: approx. 16,000 AF/yr by 2040 of new water supply

FID Basins & Recharge



NEW RECHARGE BASINS
UNDER CONSTRUCTION

WATER - YOUR MOST VALUABLE RESOURCE

150 Acres of New Basins

BIG DRY CREEK RESERVOIR

FANCHER CREEK RESERVOIR

REDBANK RESERVOIR

REDBANK & FANCHER CREEK BASINS

WAGNER BASIN
SHAW & MADERA
60 acres

CENTRAL BASINS PROJECT SITES

EAST & MALAGA
40 acres

HUGHES & CENTRAL
36 acres

LINCOLN & ORANGE
14 acres

FMFCD FACILITIES

FAQ

1. Am I going to have to put a meter on my well?

Answer:

- Not initially proposed
- Meters may be necessary if:
  - Groundwater levels continue to decline
  - NKGSA not meeting its sustainability goal
  - Need to quantify usage

FAQ

2. Am I going to be limited on how much I can pump?

Answer:

- NKGSA plans to monitor GW on area-wide basis rather than set and limit groundwater pumping from every single well
- GSP includes potential management actions (such as groundwater pumping restrictions) that could be implemented if GSA not achieving sustainability goals.

FAQ

3. Am I going to have to pay for the water I pump?

Answer:

If you are currently paying an FID assessment:

- Until Jan 2020, FID funding SGMA admin through existing assessment revenue
- After Jan 2020, FID may assess additional fee for SGMA admin.
- SGMA-related projects may have additional fee

If State intervenes: extraction fees

FAQ

4. What are the cities and urban pumpers required to do about groundwater impacts?

Answer:

- Historically have relied on groundwater
- Developed groundwater recharge programs
  - Stormwater basins
  - Wastewater effluent ponds
- Recycled water
- Acquired additional surface water supplies
- Developed surface water treatment plants

FAQ

5. Will the GSP prevent my well from going dry?

Answer:

- SGMA does not require GSAs to maintain current groundwater levels or prevent individual wells from going dry.
- Rather, the GSA is required to sustainably manage groundwater levels within the subbasin by 2040.
- SGMA should reduce the number of wells that go dry

Craig Moyle

Written Comments and Comment Response Review

Public Comment

To Comment on the Plan:

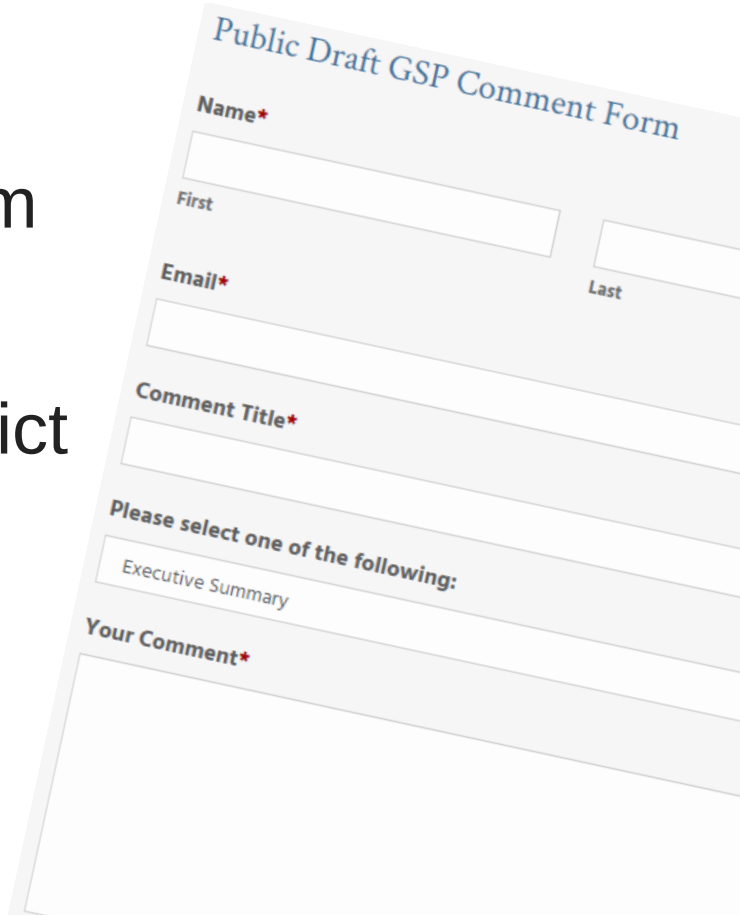
- Deadline: Oct. 18, 2019
- Ways to Submit Your Comments:

www.northkingsgsa.com

northkingsgsa@gmail.com

North Kings GSA
c/o Fresno Irrigation District
2907 S. Maple Avenue
Fresno, CA 93725

Comment Cards



Public Comment

View the Draft GSP

- On-line at: www.northkingsgsa.org
- At the following public libraries:
  - Biola Branch Library – 4885 N Biola Ave, Fresno, CA 93723
  - Clovis Branch Library – 1155 5th St, Clovis, CA 93612
  - Easton Branch Library – 25 E Fantz Ave, Fresno, CA 93706
  - Henry Madden Library (CSU, Fresno) – 5200 N Barton Ave, Fresno, CA 93740

Comment Response

Scheduled Public Meetings

For domestic well users in unincorporated areas *outside* FID

When: Sept. 12, 2019:

Where: Clovis Veterans Memorial Auditorium, 808 4th St., Clovis

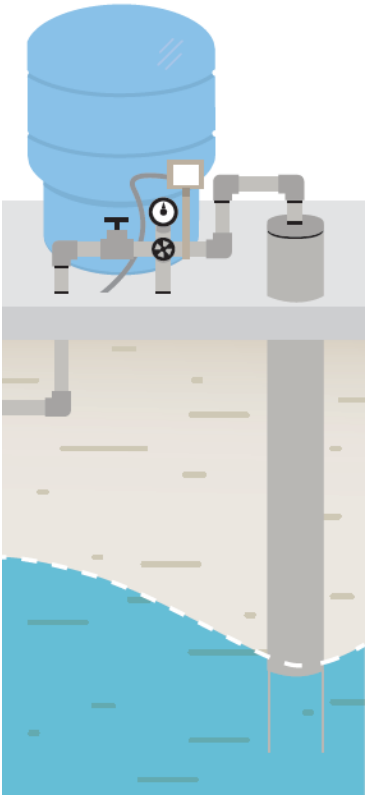
For domestic well users in unincorporated areas *within* FID

When: Sept. 16, 2019:

Where: Fairmont Elementary School, 3095 N. Greenwood Ave., Sanger

When: Sept. 18, 2019:

Where: CPDES Portuguese Hall, 172 W. Jefferson Ave., Fresno



Open House