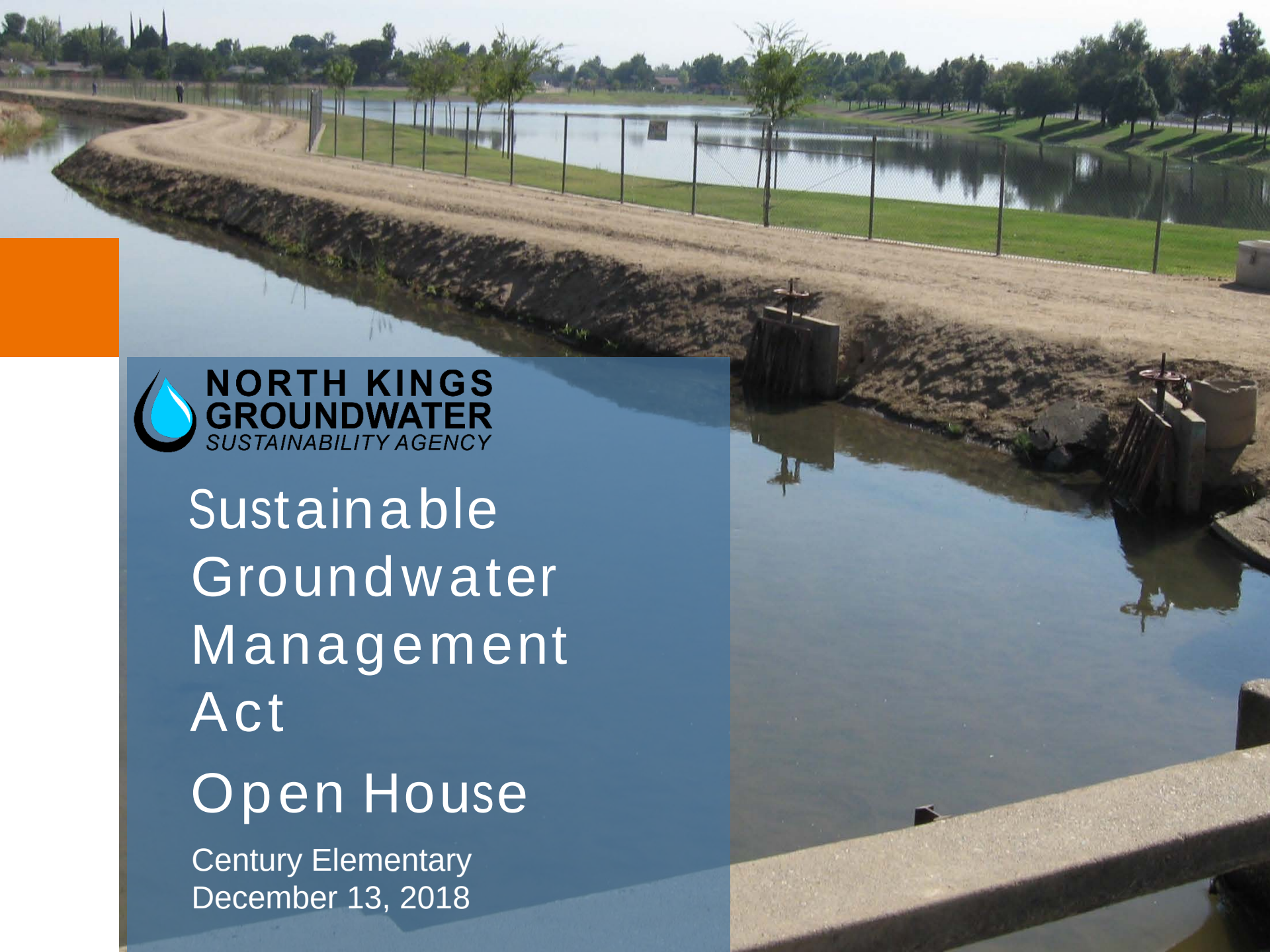


NORTH KINGS GROUNDWATER
SUSTAINABILITY AGENCY

Sustainable Groundwater Management Act

Open House

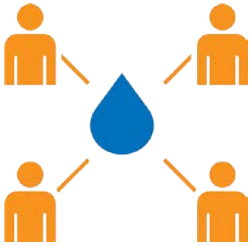
Century Elementary
December 13, 2018

Agenda

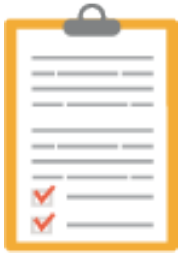
1. SGMA Overview
2. About NKGSA
3. Regional Challenge
4. GSP Status
5. Public Involvement

Key Terminology

SGMA = Sustainable Groundwater Management Act

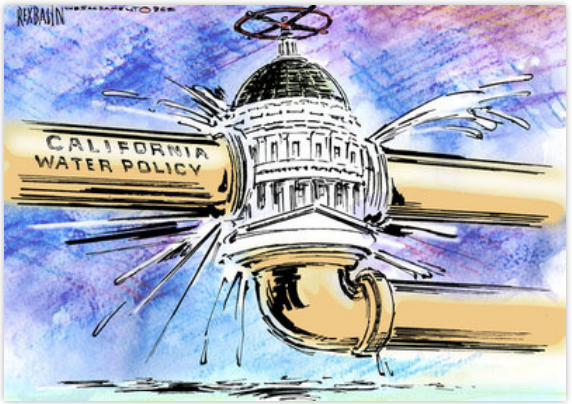


GSA = Groundwater Sustainability Agency



GSP = Groundwater Sustainability Plan

What is the Sustainable Groundwater Management Act (SGMA)?



- **Comprehensive legislation to manage groundwater to sustainable levels**

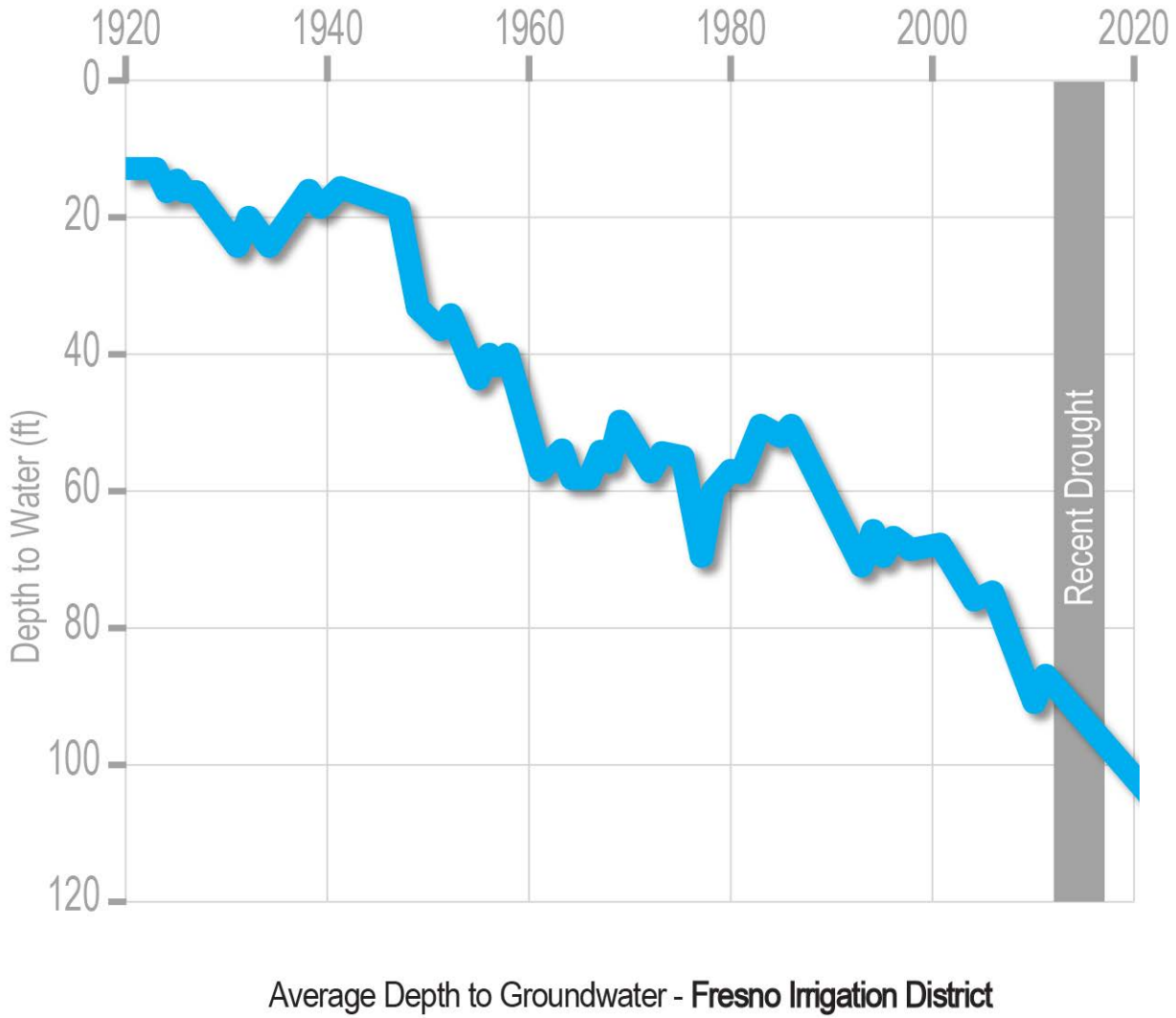
- Adopted in 2014
- Gives local public agencies ability to form Groundwater Sustainability Agencies (GSAs) to comply with SGMA
- Local public agencies mean those with water supply, water management, or land use responsibilities within the groundwater basin – Water Code §10721(n)
- Counties are backstop to local agencies
- State will intervene if locals and counties fail

SGMA was implemented in part due to:

- Statewide attention to drought impacts:
  - Wells running dry
  - Land subsidence
  - Degradation of water quality in rural areas
- Major groups advocating need for legislation (ACWA, California Water Foundation, Administration)
- Continued pressure for “change” – California was the last western state to adopt Legislation to regulate groundwater

Region	Reported Dry Wells
Coastal	13
Inland	2,780
Southern	152
CA Total	2,945

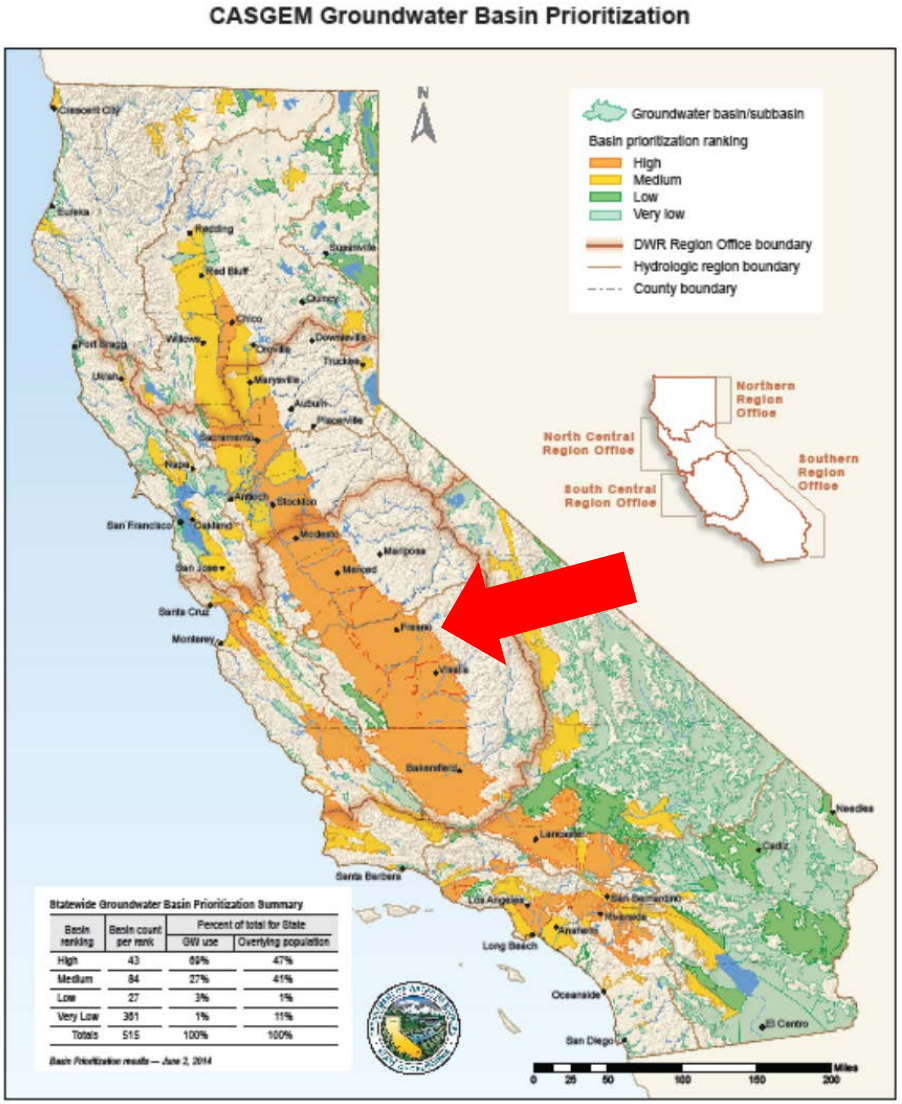
Chronic Overdraft



Average Depth to Groundwater - **Fresno Irrigation District**

Affected Groundwater Basins

- 515 Statewide
- 127 designated High or Medium priority…they are not in a sustainable condition
- All of the southern portion of the Central Valley is High Priority and identified as in Critical Overdraft



Undesirable Results

1) Chronic **lowering of groundwater levels**.

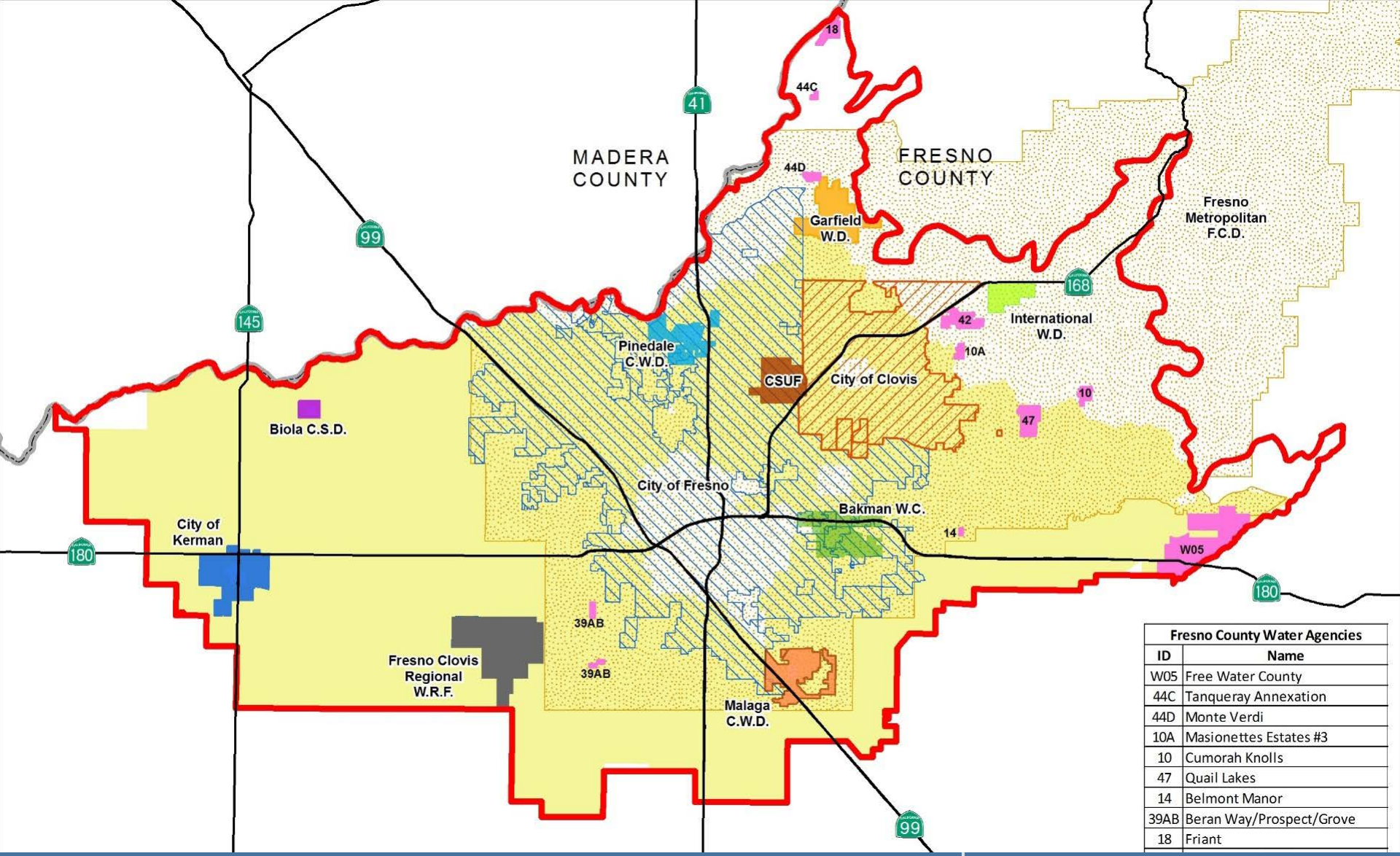
2) Significant and unreasonable **reduction of groundwater storage**.

3) ~~Significant and unreasonable **seawater intrusion.**~~

4) Significant and unreasonable **degraded water quality**, including the migration of contaminant plumes that impair water supplies.

5) Significant and unreasonable **land subsidence** that substantially interferes with surface land uses.

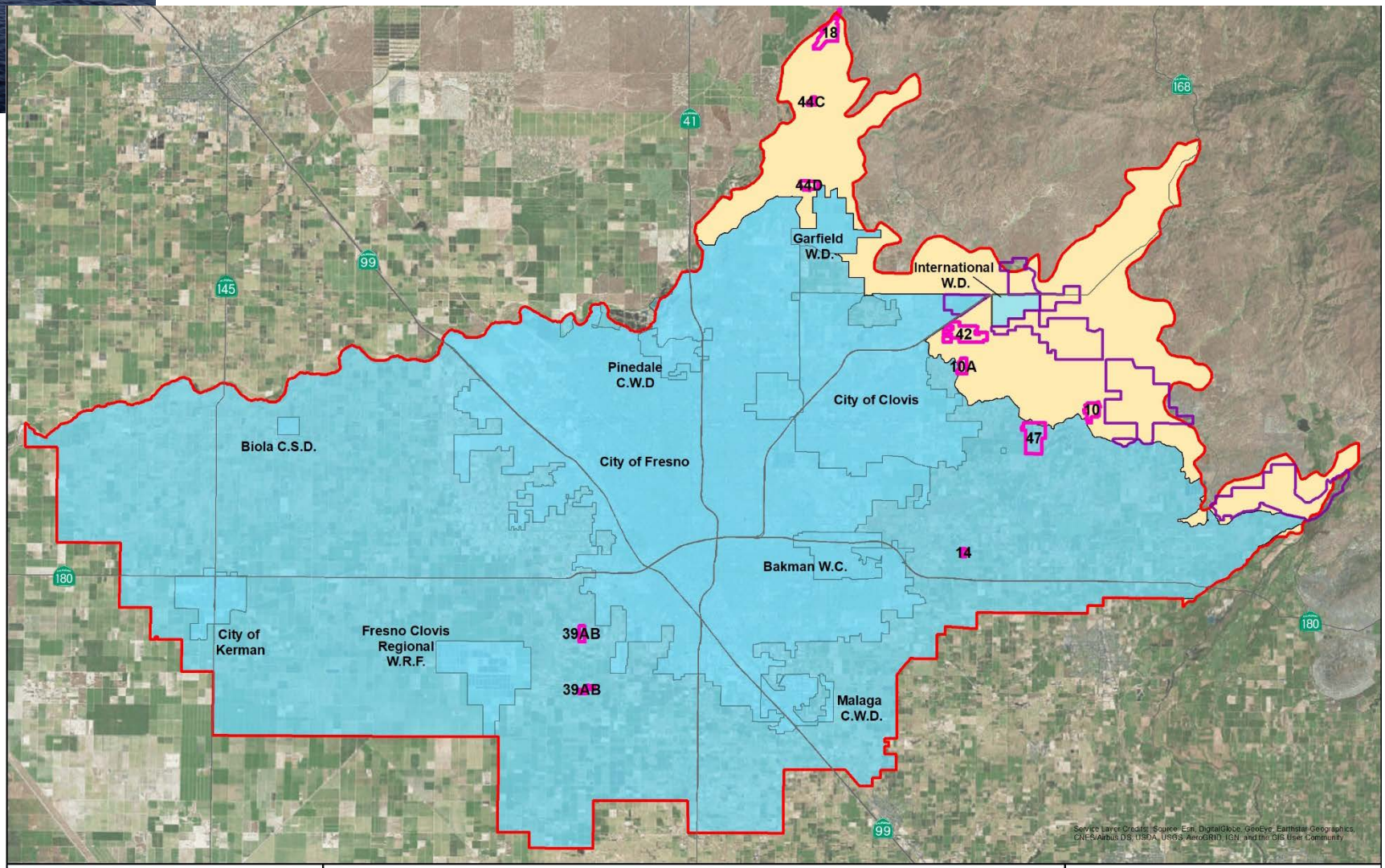
6) Depletions of **interconnected surface water** that has significant and unreasonable adverse impacts on beneficial uses of the surface water.



Fresno County Water Agencies	
ID	Name
W05	Free Water County
44C	Tanqueray Annexation
44D	Monte Verdi
10A	Masionettes Estates #3
10	Cumorah Knolls
47	Quail Lakes
14	Belmont Manor
39AB	Beran Way/Prospect/Grove
18	Friant

About NKGSA

NKGSA "County Area"



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Legend

- North Kings GSA (DWR 2018)
- Fresno Co. Undistricted "White" Areas
- Fresno County Water Agencies
- FID Annexed Areas

North Kings GSA

12/12/2018 : G:\North Kings GSA-2643\264317001-Groundwater Sustainability Plan\GIS\Map\Presentation\NKGSA_inset_20181213Presentation.mxd

Governing Structure

Seat Assignment	Member	Current Board Member
#1	Fresno Irrigation District	Jerry Prieto (FID)
#2	Shared irrigation district: Garfield WD, International WD, Fresno ID	Karl Kienow (Garfield W.D.)
#3	Shared “Small Agency”: Bakman Water Company, Biola CSD, CSU Fresno*, City of Kerman, FMFCD	Rhonda Armstrong (City of Kerman)
#4	City of Clovis	Jose Flores (City of Clovis)
#5	City of Fresno	Lee Brand (City of Fresno)
#6	County of Fresno	Brian Pacheco (County of Fresno)
#7	At-Large	Steve Pickens (Bakman Water Company)

Decision-Making Support

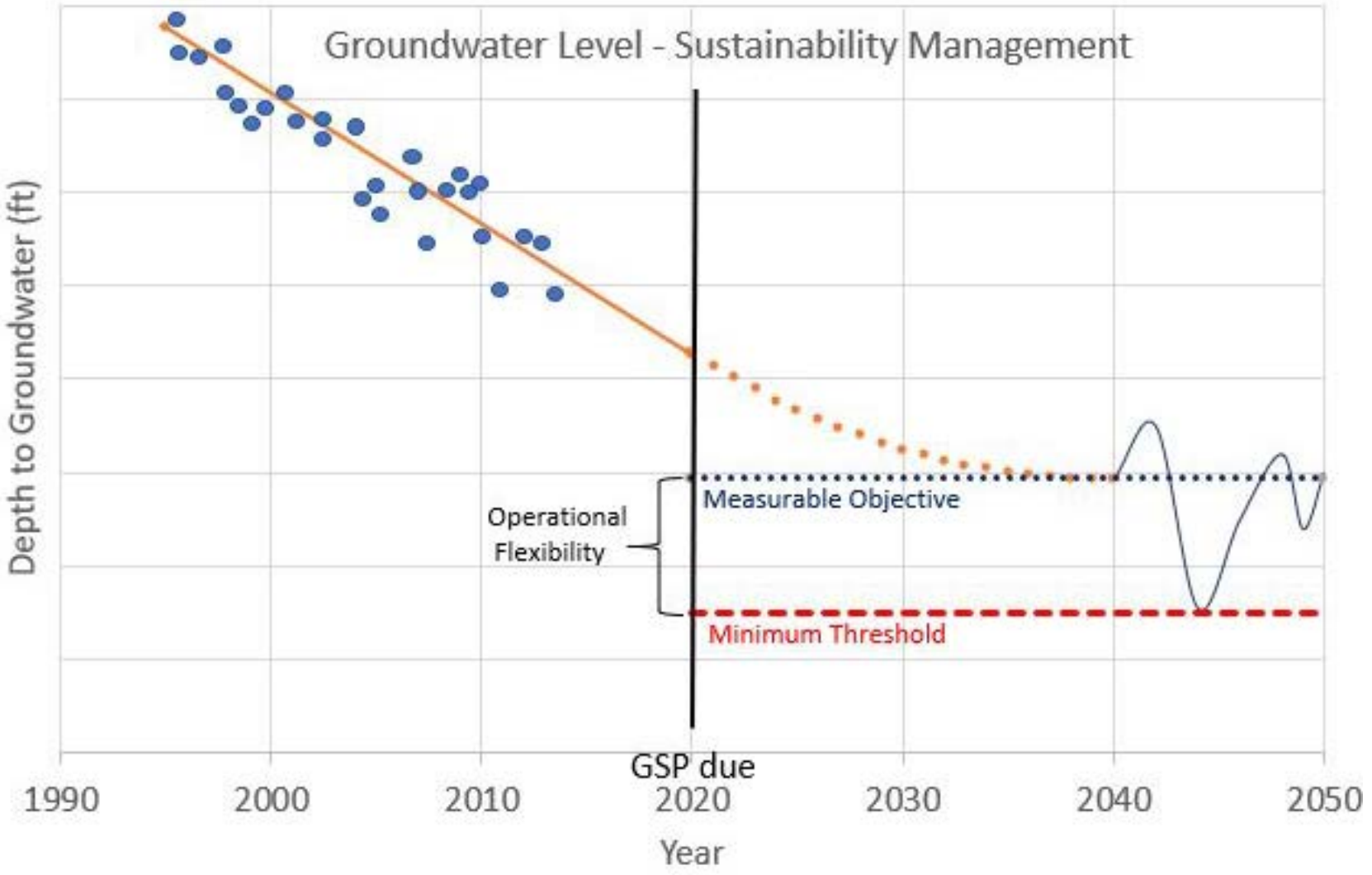
- Executive Officer – FID's Gary Serrato
  - Advisory Committee – Chair is Scott Redelfs (Clovis) & Vice Chair is Bill Stretch (FID)
  - Technical Subcommittee – Chair is Adam Claes (FID)
    - Charged with developing GSP
    - Comprised of wide range of stakeholders
    - County is active participant
  - Membership/Outreach/Communications Subcommittee – Chair is Brandy Swisher (FMFCD)
  - Administrative/Fiscal Subcommittee – Chair is Lisa Koehn (Clovis-retired)
- Stakeholders – *You!*

NKGSA Plan Status

A GSP shall include…

- ✓ Description of plan area
- ✓ Groundwater conditions
- ✓ Water budget
- ✓ Managements areas
- ✓ Sustainability goals
- ✓ Description of undesirable results
- ✓ Measurable objectives
- ✓ Description of monitoring protocols and data management
- ✓ Description of projects to achieve sustainability

Path to Sustainability



Timeline

June 30, 2017
Groundwater Sustainability Agencies must be formed.

Late Summer 2019
Draft GSP for public review

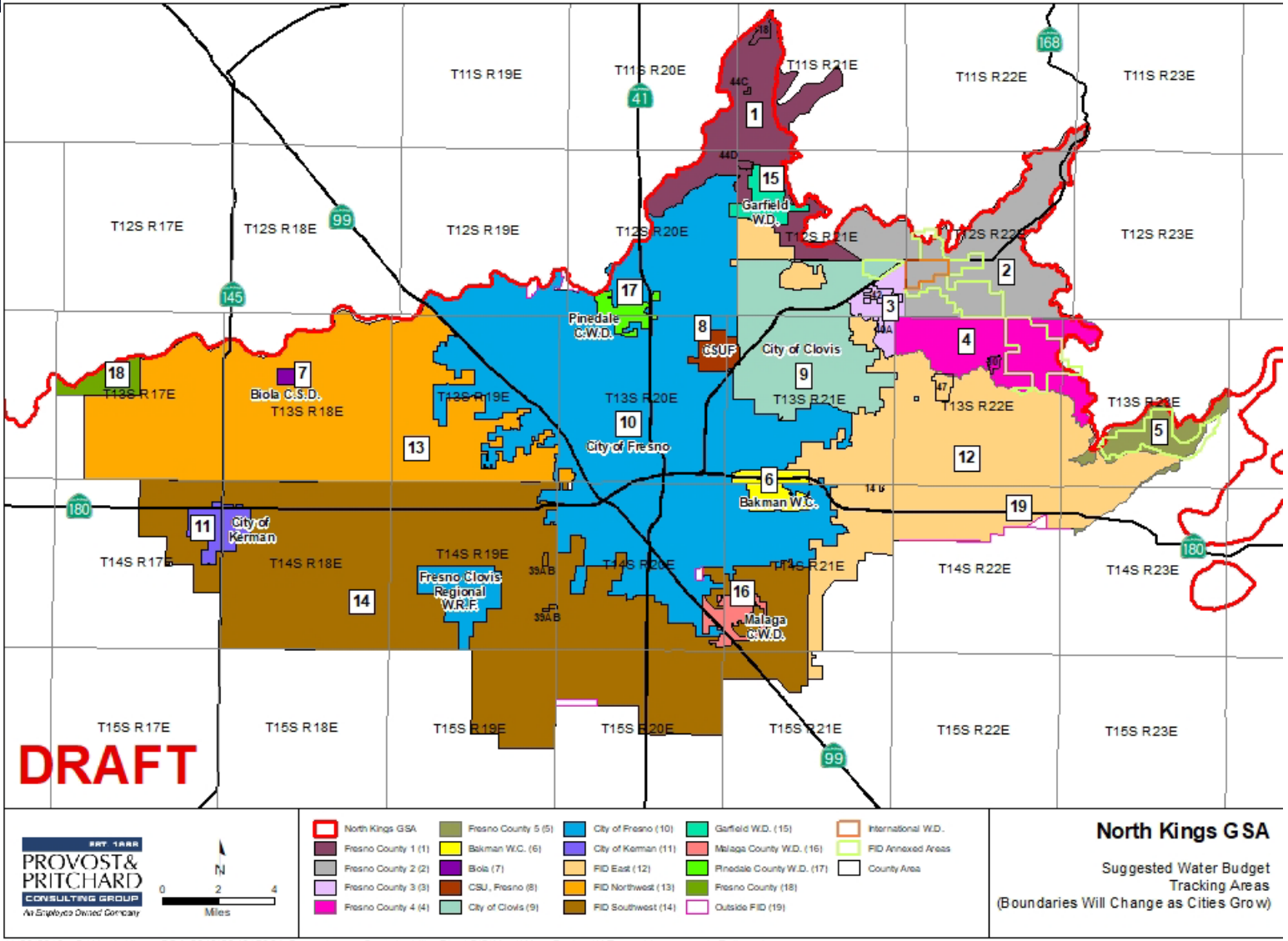
January 31, 2020
GSP adopted by NKGSA board, and must be submitted to State

Reports
Annual Reports and 5-Year Updates of the Plan

January 31, 2040
Kings and adjoining subbasins required to achieve sustainability.

Regional Coordination

Sub-Areas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Garfield W.D.
Pinedale C.W.D.
CSUF
City of Clovis
City of Fresno
Biola C.S.D.
Bakman W.C.
City of Kerman
Fresno Clovis Regional W.R.F.
Malaga C.W.D.
DRAFT
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North Kings GSA
Fresno County 1 (1)
Fresno County 2 (2)
Fresno County 3 (3)
Fresno County 4 (4)
Fresno County 5 (5)
Bakman W.C. (6)
Biola (7)
CSU, Fresno (8)
City of Clovis (9)
City of Fresno (10)
City of Kerman (11)
FID East (12)
FID Northwest (13)
FID Southwest (14)
Garfield W.D. (15)
Malaga County W.D. (16)
Pinedale County W.D. (17)
Fresno County (18)
Outside FID (19)
International W.D.
FID Annexed Areas
County Area
North Kings GSA
Suggested Water Budget Tracking Areas
(Boundaries Will Change as Cities Grow)
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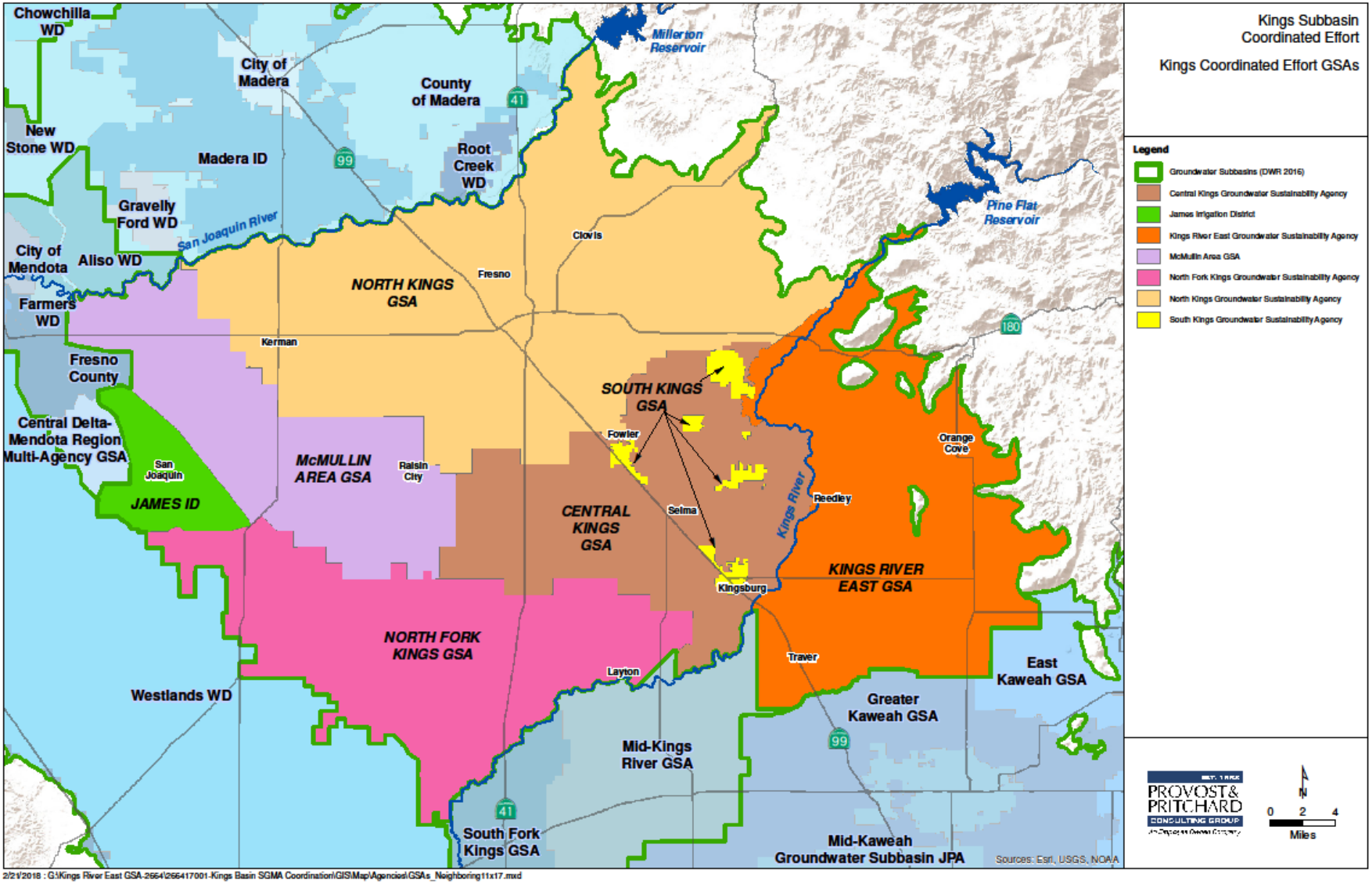
Kings Subbasin GSAs



Public Involvement

Stay Engaged

Talk to your water provider or GSA representative.

Sign-up to the NKGSA email list

Learn more about your regional water supplies

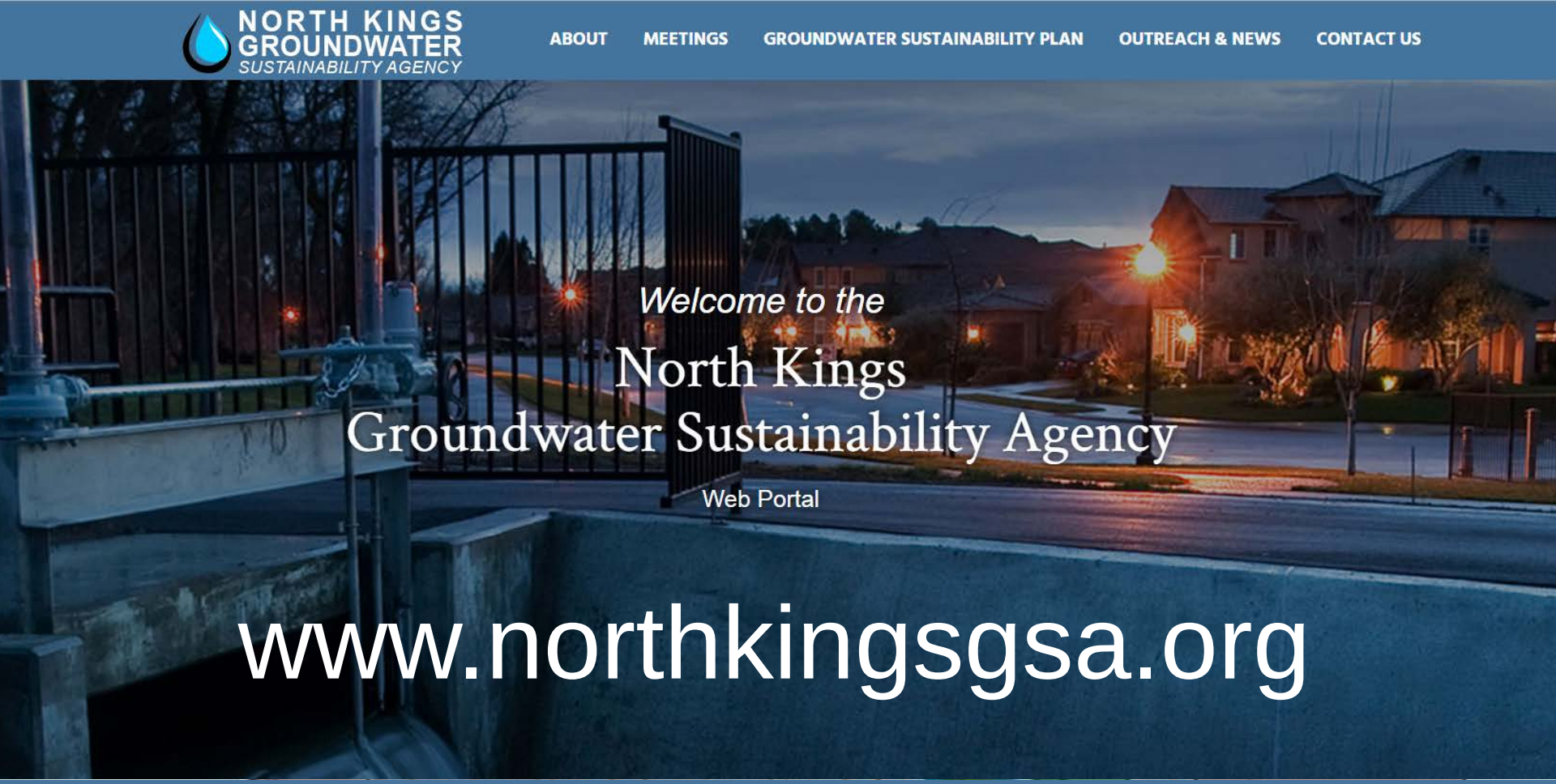
Attend public meetings and workshops

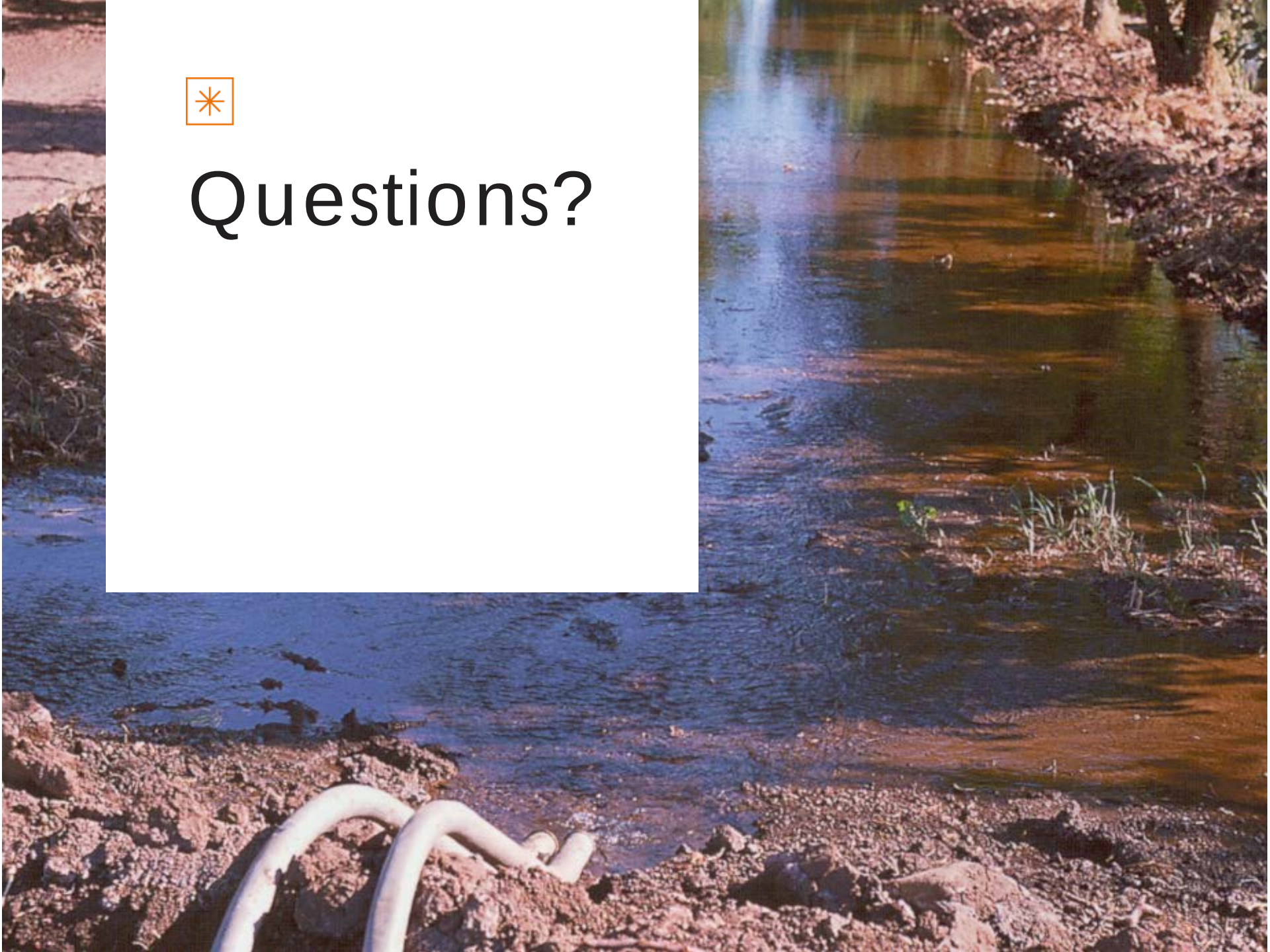
Provide input on the groundwater sustainability plan

Help us spread the word!

SGMA Summary

- SGMA is a State law
- Requires the formation of GSAs
- Allows locals to address and solve undesirable results
- State will stay out if locals/County succeed
- If locals/County fail, State could control groundwater pumping in the entire subbasin
- NKGSA is identifying and understanding area's undesirable results and potential solutions



Public Involvement

Questions?