North Kings GSA Advisory Committee Meeting 9-14-18

Technical Committee Update

GSP Development

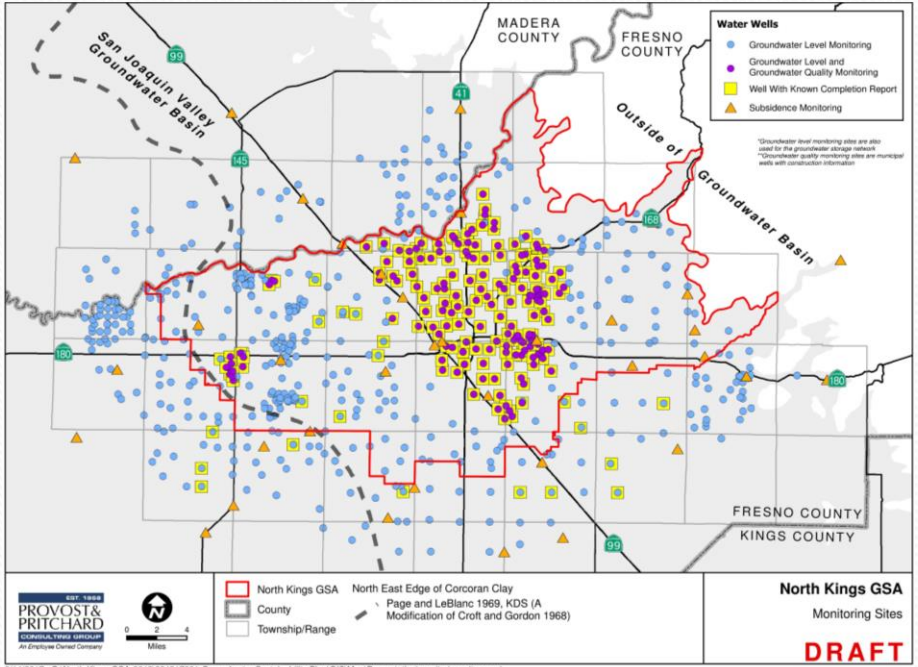
GSP Section	Current Status	Future Work
2- Plan Area	Revised Draft Complete.	Revise/update in future to be consistent with other sections.
3.1 - Hydrogeologic Conceptual Model	Revised Draft Complete.	Revise/update in future to be consistent with other sections.
3.2 – GW Conditions	Comments received. Revised Chapter almost complete.	Revise/update in future to be consistent with other sections.
3.3 – Water Budget	Began researching water budget options	Started in June 2018
4 - Sustainable Management Criteria	Outline of Requirements, Draft criteria for water levels	Draft Chapter in Fall 2018
5 – Monitoring Network	Revised Draft Complete.	Revise/update in future to be consistent with other sections.
6 – Projects and Actions	Not Initiated	Start in Fall 2018
7 – Plan Implementation	Not Initiated	Late 2018

SUSTAINABLE MANAGEMENT CRITERIA (SMC)

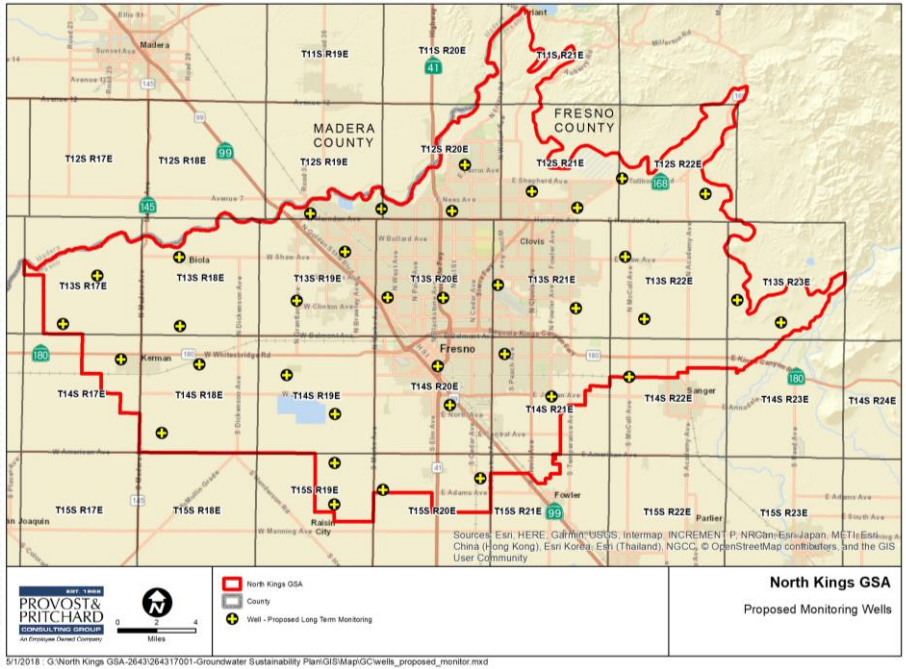
(Water Level and Water Storage)

SMC – Water Level

- Understanding Monitoring Network



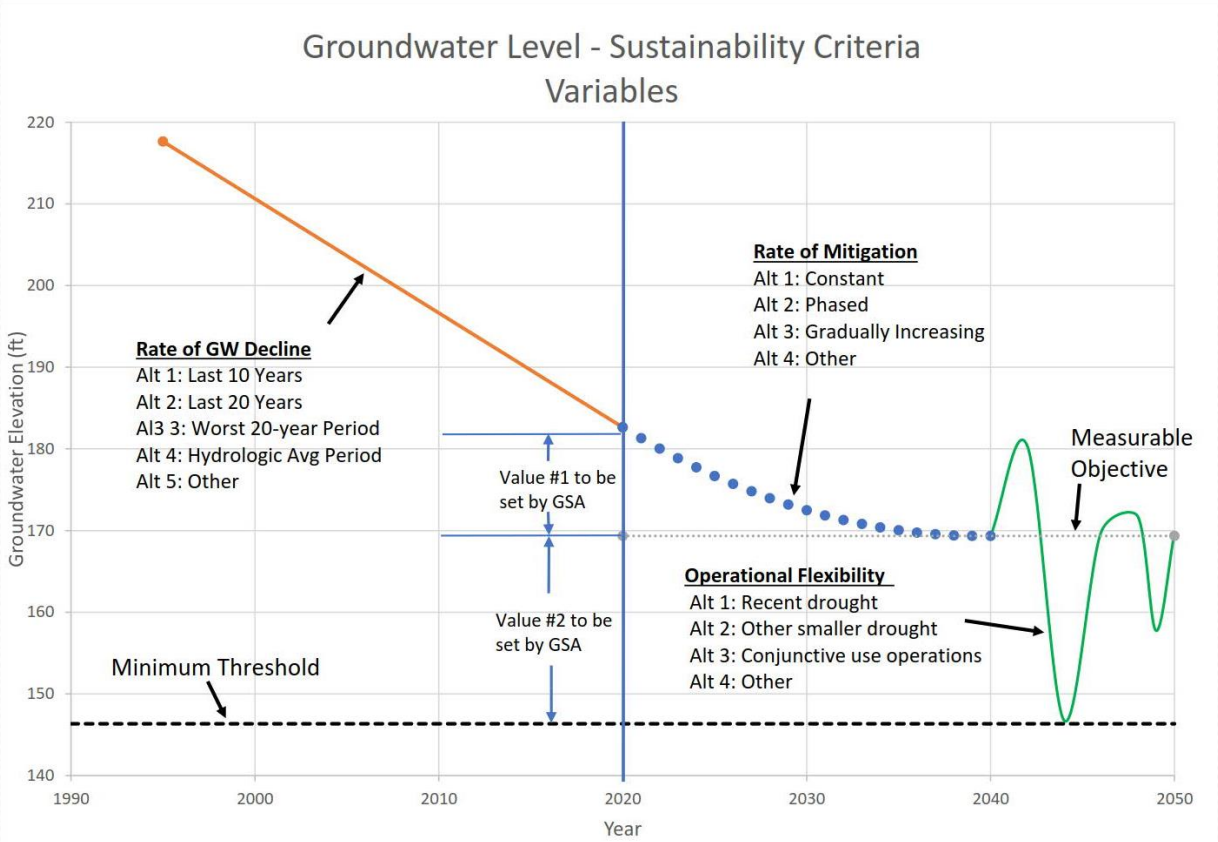
- Selected wells with history and in critical locations



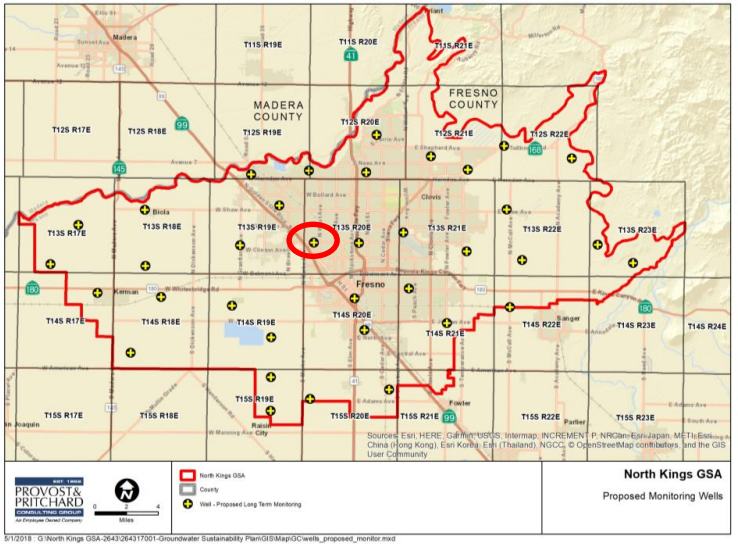
Setting Minimum Thresholds (MTs) & Measurable Objectives (MOs)

- Iterative Process for setting:
  1. Set Initial Criteria
     - Hydrographs, proposed projects
  2. Compare to Undesirable Results
     - Well depths nearby, shallow bedrock, subsidence
  3. Modify Criteria for GSA or portion of GSA
- Different Criteria for MOs and MTs
- Coordination within Kings Basin

SMC – Measurable Objective

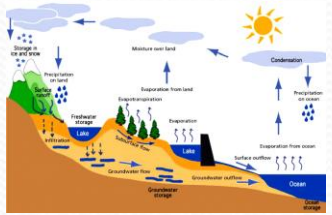


SMC – Measurable Objective



WATER BUDGET DATA COLLECTION PROCESS

1. P&P develops data spreadsheet (done)
2. P&P fills in spreadsheet with readily available data
3. Data spreadsheet sent to agencies
4. Agencies review and begin to complete spreadsheets
5. Meeting held with P&P to: 1)Describe data needs; 2) Discuss available data; 3) Discuss other SGMA topics
6. Agencies return completed spreadsheets

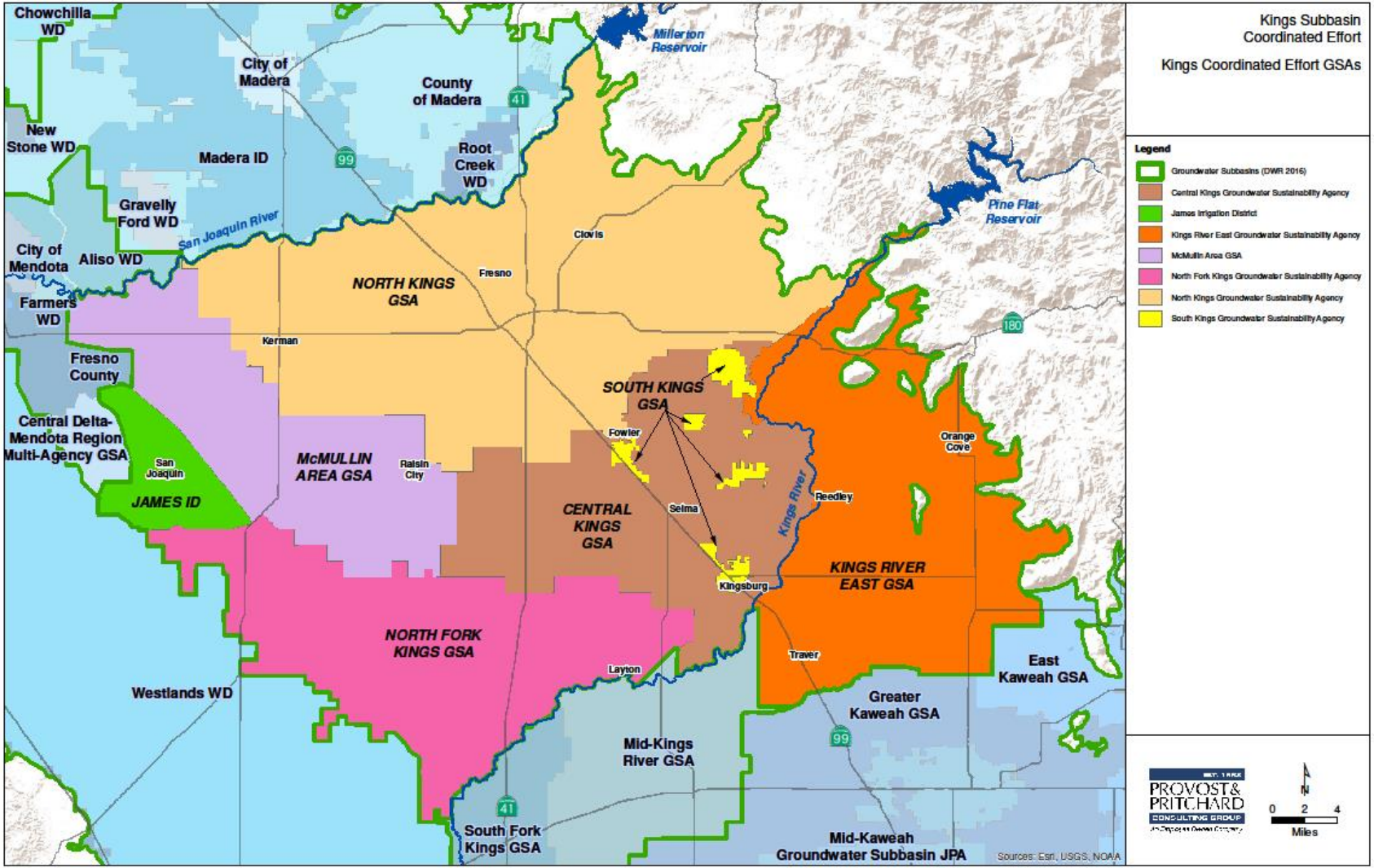


Status of Water Budget Data Spreadsheets

Agency	Status	Agency	Status
Bakman	Will send soon	City of Fresno	Meeting scheduled
Biola CSD	Left message	Garfield WD	Sent spreadsheet
Clovis	Will send soon	International WD	Will contact
Fresno County	Held meeting	Kerman	Sent Spreadsheet
CSUF	Sent spreadsheet	Malaga CWD	Collecting data
FID	Will send soon	Pinedale CWD	Sent spreadsheet
FMFCD	Will contact		

Kings Basin Coordination

- Starting Coordination Agreement framework
- Change in base period, revising numbers
- New Tasks Initiated
  - Confined Aquifer flows
  - Data Management System
  - Water Budget
- Will be discussing Sustainable Management Criteria


Kings Subbasin
Coordinated Effort
Kings Coordinated Effort GSAs
Legend
Groundwater Subbasins (DWR 2016)
Central Kings Groundwater Sustainability Agency
James Irrigation District
Kings River East Groundwater Sustainability Agency
McMullin Area GSA
North Fork Kings Groundwater Sustainability Agency
North Kings Groundwater Sustainability Agency
South Kings Groundwater Sustainability Agency
Chowchilla WD
City of Madera
County of Madera
Millerton Reservoir
New Stone WD
Madera ID
Root Creek WD
Gravelly Ford WD
San Joaquin River
Pine Flat Reservoir
City of Mendota
Aliso WD
Clovis
Fresno
NORTH KINGS GSA
Farmers WD
Kerman
Fresno County
SOUTH KINGS GSA
Central Delta-Mendota Region Multi-Agency GSA
Fowler
Orange Cove
San Joaquin
McMULLIN AREA GSA
Raisin City
JAMES ID
CENTRAL KINGS GSA
Selma
Kings River
Reedley
KINGS RIVER EAST GSA
Kingsburg
NORTH FORK KINGS GSA
Traver
Layton
East Kaweah GSA
Westlands WD
Greater Kaweah GSA
Mid-Kings River GSA
South Fork Kings GSA
Mid-Kaweah Groundwater Subbasin JPA
Sources: Esri, USGS, NOAA
PROVOST& PRITCHARD CONSULTING GROUP
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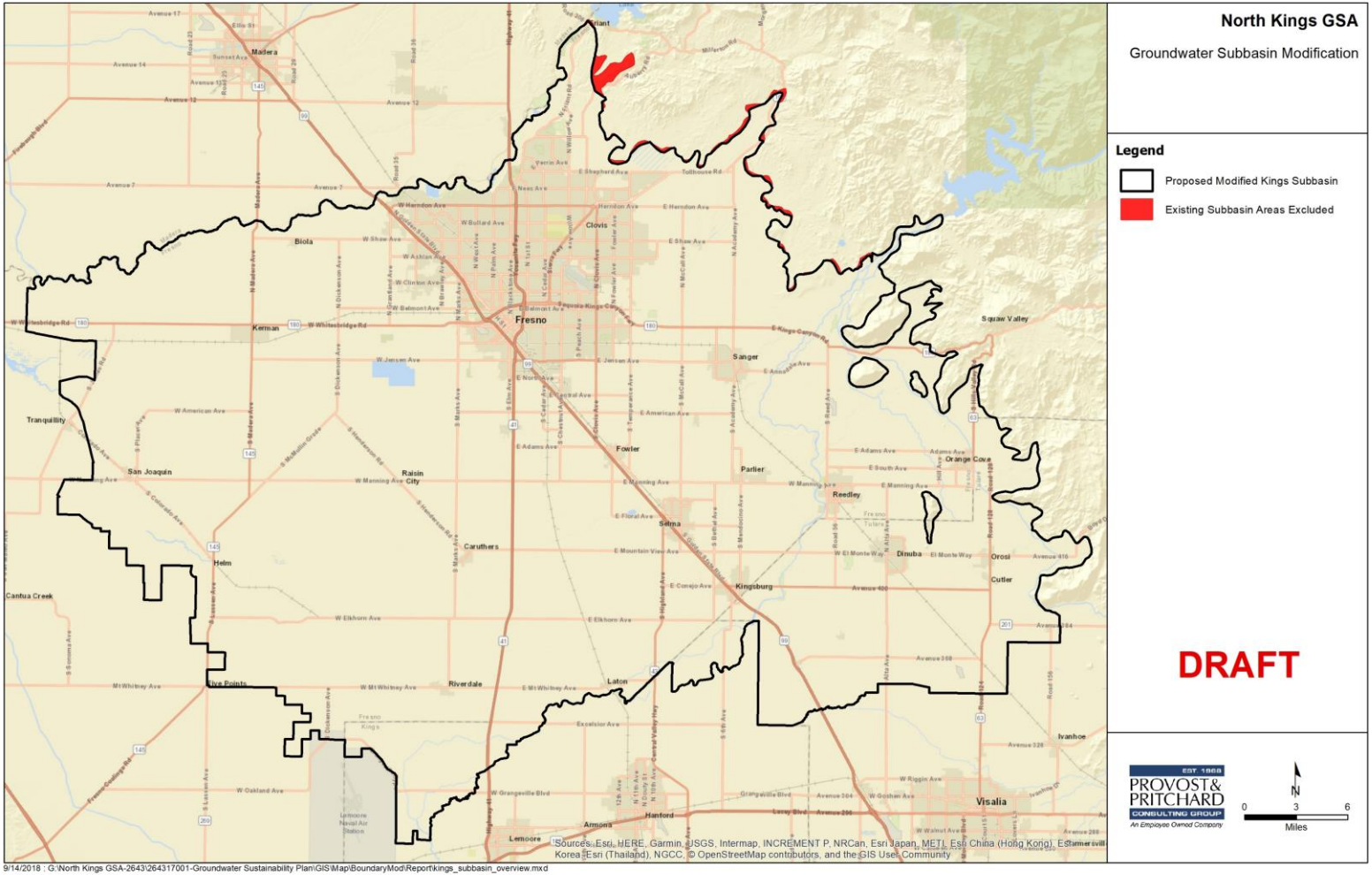
Basin Boundary Modification



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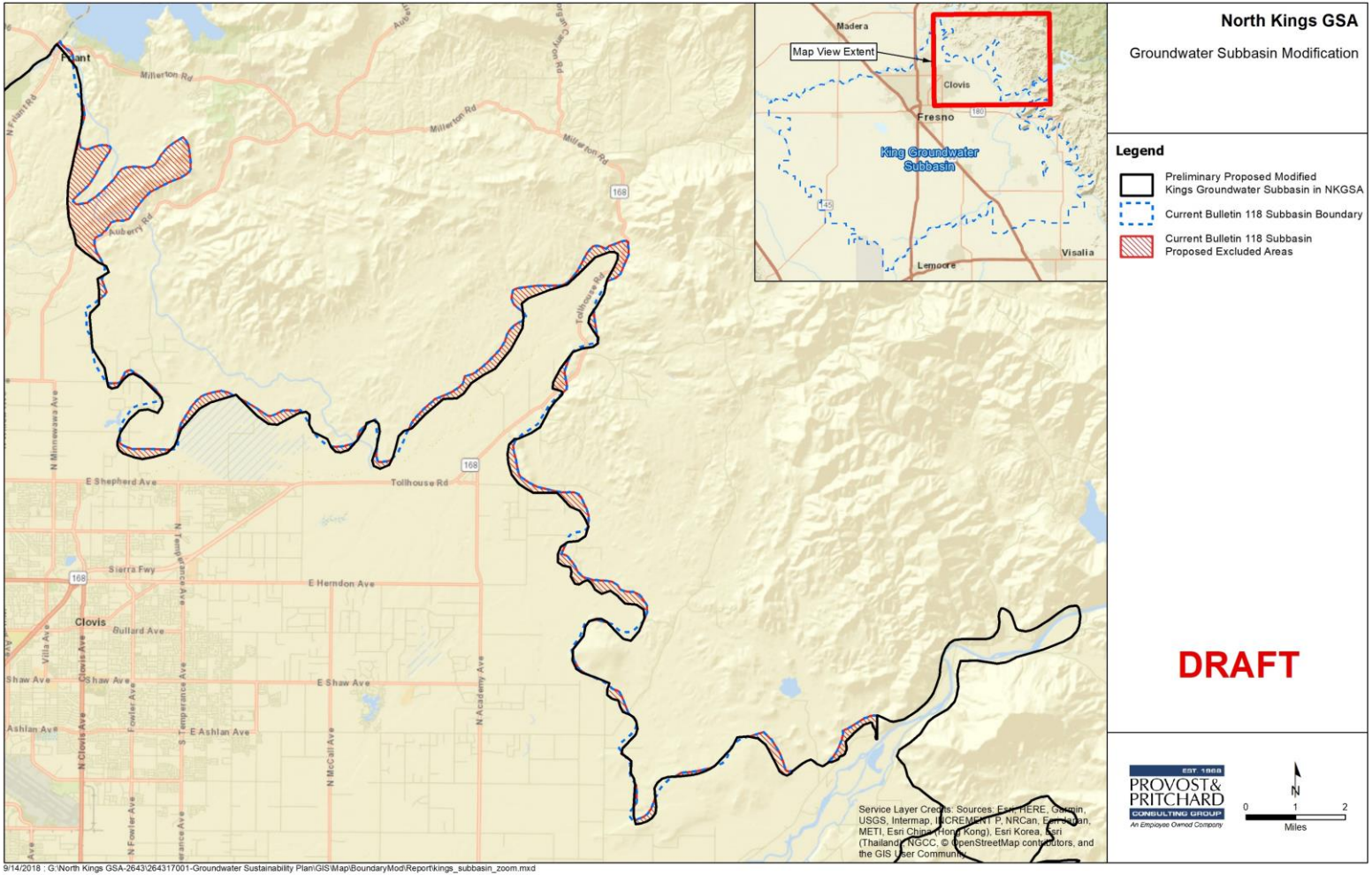

North Kings GSA

Groundwater Subbasin Modification

Legend

- Preliminary Proposed Modified Kings Groundwater Subbasin in NKGSA
- Current Bulletin 118 Subbasin Boundary
- Current Bulletin 118 Subbasin Proposed Excluded Areas

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