

South Fork Kings GSA GSP Update

SFKGSA Workshop
Lemoore, CA
August 15, 2019

Geosyntec 
consultants



- **GSP Update**
 - Chapter 6: Projects and Management Actions
 - Schedule for Public Review Draft
- **Implementation Update**
 - Monitoring Network
 - ASR Pilot Test
 - Data Management System
- **Summary of North Fork Kings Draft GSP**

- **Above-Ground Surface Storage**
 - Surface storage of flood flows
- **Intentional Recharge Basin**
 - Groundwater recharge of flood flows
- **On Farm Flooding**
 - Recharge on existing farm with flood flow
- **Aquifer Storage and Recovery**
 - ASR utilizing flood flow
- **Conveyance Facilities Modifications**
 - Divert or bank flood flows

- **Policies to Expedite Projects**
- **Outreach and Education**
- **Pumping Fees**
 - Exceedance pumping beyond allocation
- **Develop Groundwater Allocation**
 - Groundwater allocation per acre
 - Groundwater markets
- **New Development**
 - Prove sustainable water supply
 - New well construction



- **Monitoring and Reporting**
 - Report extraction, water level and water quality
 - Well meters
 - Flood flows



- **Supply Enhancement – 22,000 AF/yr**
 - ASR Wells – 13,000 AF/yr
 - Surface Storage – 2,000 AF/yr
 - Mid-Kings Recharge Basin – 7,000 AF/yr
- **Demand Reduction – 23,000 AF/yr**
 - GW Measurement and Reporting – 1,500 AF/yr
 - SW Delivery Improvements – 5,000 AF/yr
 - On-Farm Efficiencies – 2,500 AF/yr
 - Conservation/Reuse – 1,000 AF/yr
 - Fallowing Program – 13,000 AF/yr

- 90-day notice of public hearing 9/3
- Public workshop and outreach
- Public hearing 12/3
- 1+ months to address comments
- SFK Board approval 1/16
- DWR is required to establish a GSP public comment period of no less than 60 days
- A GSP that is determined to be incomplete may be revised and resubmitted to DWR within 180 days from the date DWR issues the assessment

- **SFKGSA Plan Implementation**
 - Monitoring Network
 - ASR Pilot Test
 - Data Management System



- Identified APNs and landowners
- Some cases need separate agreements with landowner and well owner
- Utilize Board & TAG members to reach out to landowners
- Bring each agreement to Board for approval

- Identified test location & surrounding wells
- Met with Regulatory agencies on requirements
- Submitted USEPA Injection well permit
- Preparing Workplan for approval and CEQA exemption
 - Will include a pumping test & water quality data



- Entered updated data
- On-going discussions
 - Where is data stored
 - What data will be stored
 - Coordinate between SFK and Tulare Lake Subasin