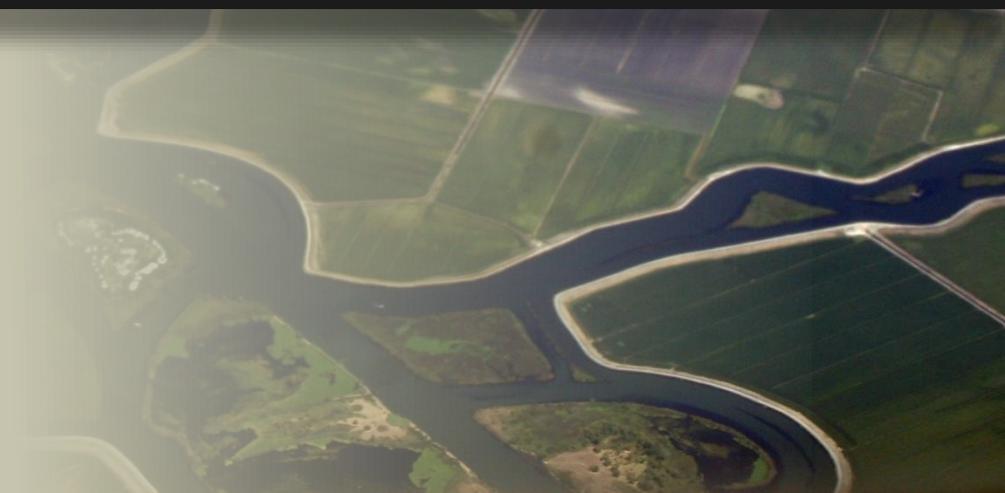




Urban Waters

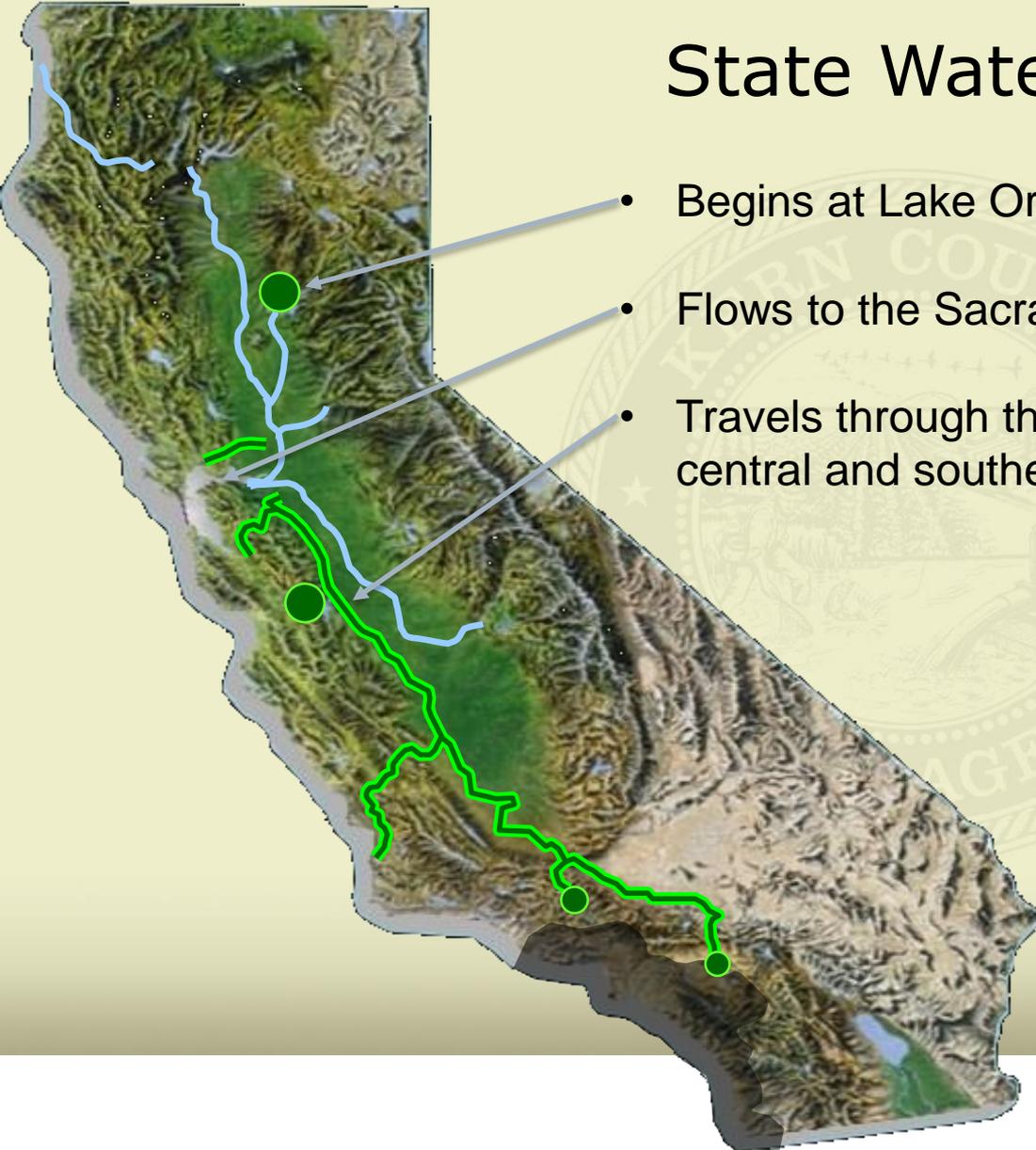
PROJECT



Kern County's Water Sources

State Water Project

- Begins at Lake Oroville
- Flows to the Sacramento-San Joaquin Delta
- Travels through the California Aqueduct to central and southern California



Kern County's Water Sources

Central Valley Project

- Starts in northern California and stores surplus waters in reservoirs from the Sacramento river and its tributaries.
- From Millerton Lake, the water is released into the Friant-Kern Canal.

Millerton Lake

Friant-Kern Canal



Kern County's Water Sources

Kern River

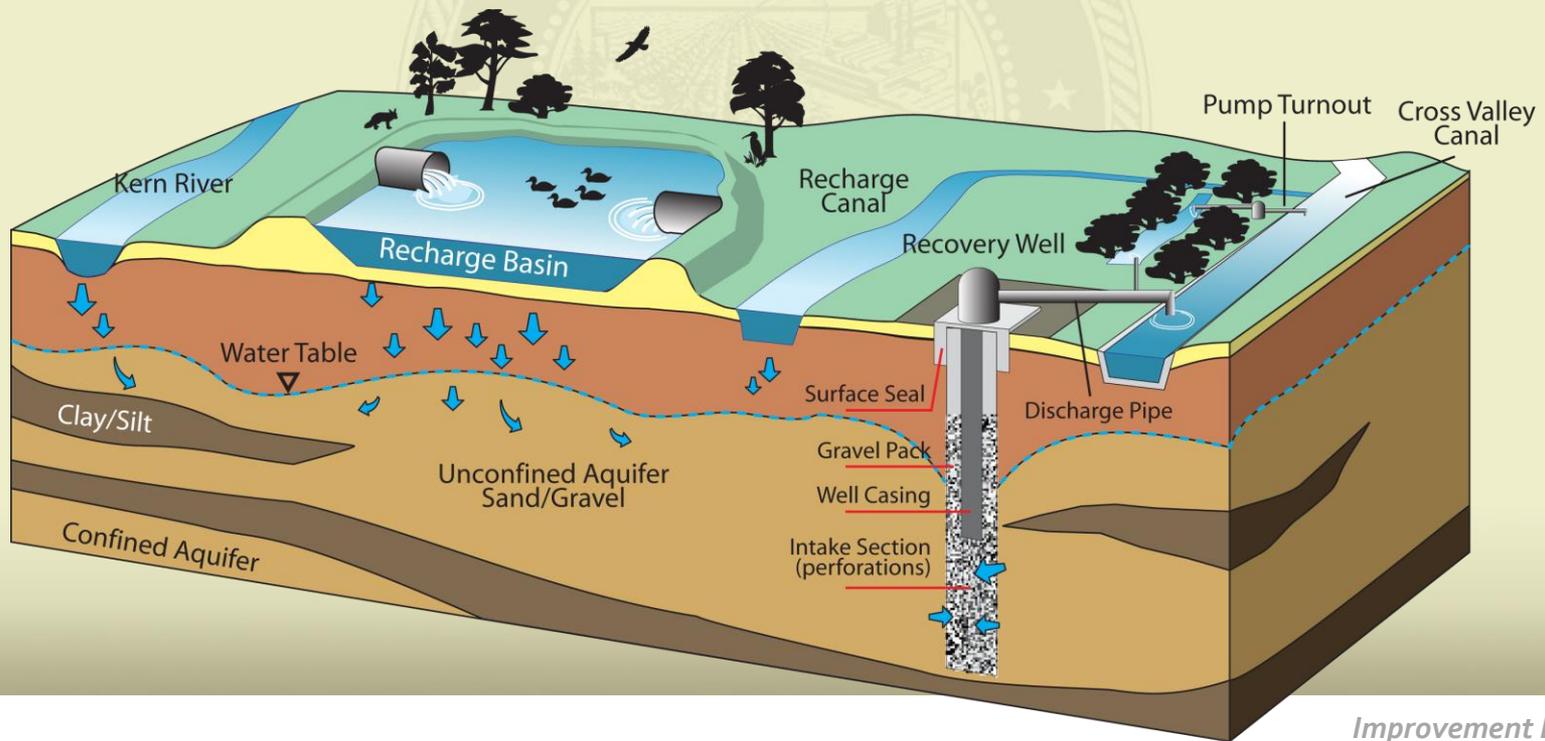
- The two forks of the Kern River originate near Mt. Whitney and flow into Isabella Reservoir.
- Water is released into the Kern River.
- The river continues to Bakersfield where it supplies water for wildlife, homes, agriculture, industry and hydroelectric power.



Kern County's Water Sources

Groundwater

- During wet years, water is delivered into recharge basins.
- The water percolates into the ground and is held there until pumped out by wells.



Henry C. Garnett Water Purification Plant

- ❖ Serves approximately 185,000 people in Metropolitan Bakersfield
- ❖ Originally constructed in 1977 with capacity of 38 million gallons per day (mgd)
- ❖ Expanded to 72 mgd in 2010
- ❖ Utilizes a combination of coagulation, sedimentation, filtration and disinfection water treatment process

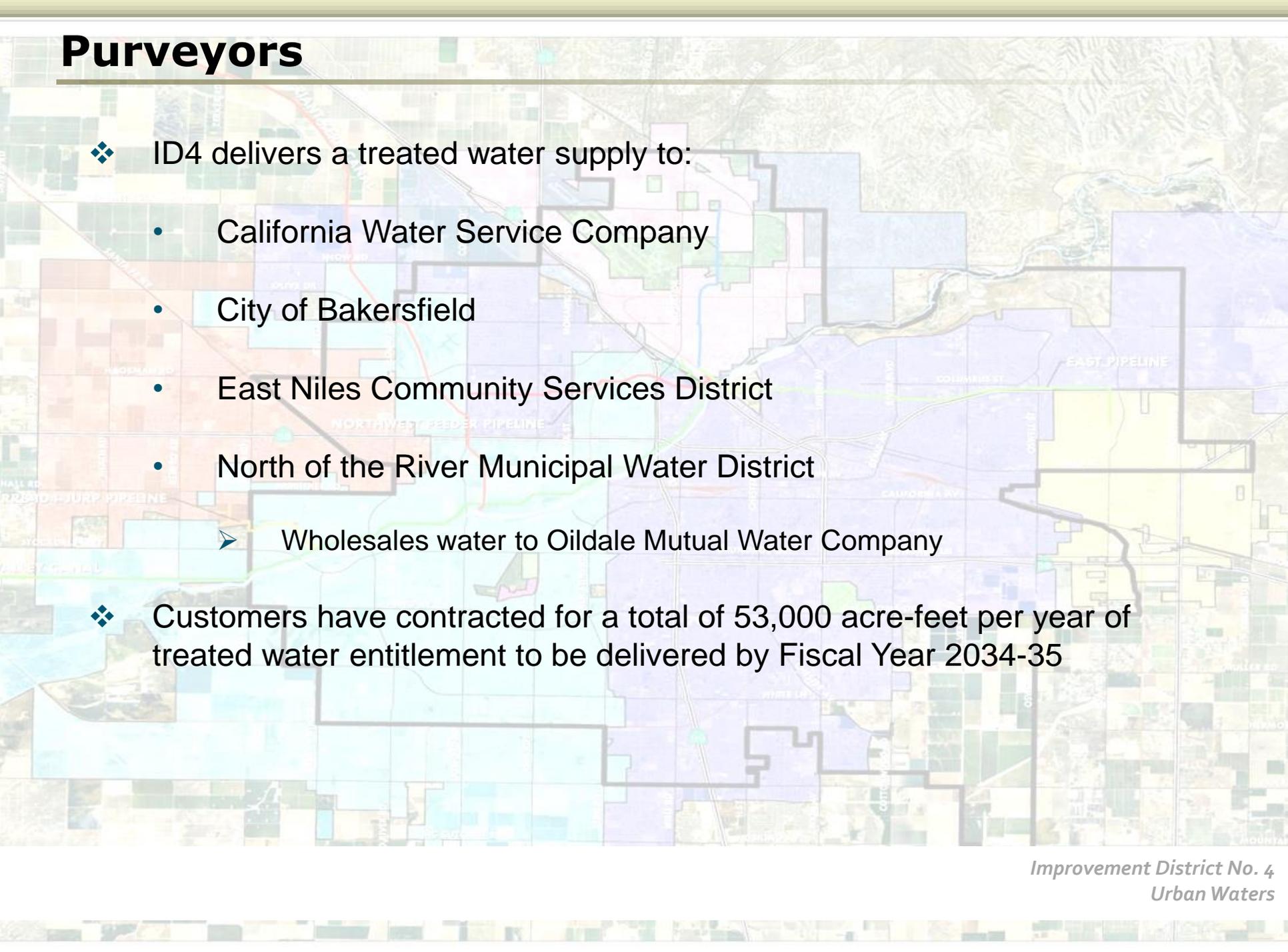


Delivery Systems

- ❖ The North Feeder Facility serves North of the River Municipal Water District and Oildale Mutual Water Company and provides 22.1 mgd of treated water pumping capacity
- ❖ The East Feeder Facility serves California Water Service Company and East Niles Community Services District and provides 28.8 mgd of treated water pumping capacity
- ❖ The Northwest Feeder Project serves California Water Service Company and The City of Bakersfield and provides 32.0 mgd of treated water pumping capacity



Purveyors



- ❖ ID4 delivers a treated water supply to:
 - California Water Service Company
 - City of Bakersfield
 - East Niles Community Services District
 - North of the River Municipal Water District
 - Wholesales water to Oildale Mutual Water Company
- ❖ Customers have contracted for a total of 53,000 acre-feet per year of treated water entitlement to be delivered by Fiscal Year 2034-35

Typical Water Use

