

Ukiah Valley-Redwood Valley  
Water Supply Reliability Intertie  
and Well Development Project

# Background

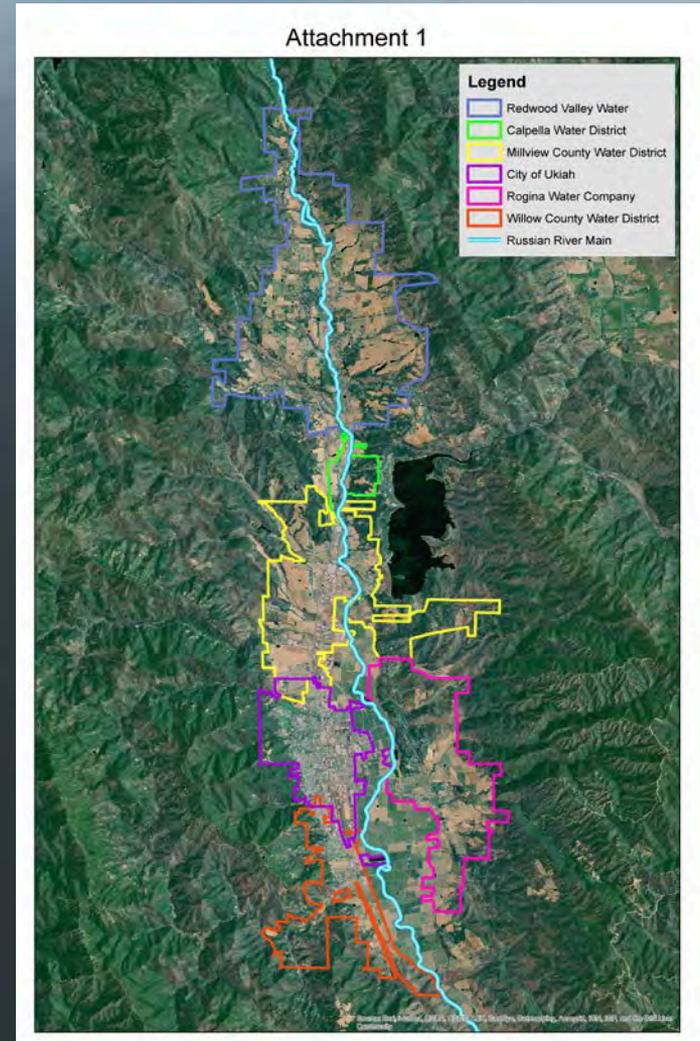
- On January 7, 2014 the Mendocino County Board of Supervisors unanimously declared a drought
- The drought produced extremely low water levels in Lake Mendocino which provides approximately 70% of the raw water supply for the Ukiah Valley and Redwood Valley
- By February, 2014 Redwood Valley County Water District was 30 days away from running out of water for its 5,000 customers
- By April, 2014 all 6 Water Providers in the Ukiah Valley and Redwood Valley implemented mandatory conservation measures

# Grant Purpose

- Provide immediate regional drought preparedness (construct/upgrade interties)
- Increase local water supply reliability and the deliver of safe drinking water (install new groundwater wells)
- Reduce water quality conflicts or ecosystem conflict created by the drought (reduce diversions from the Russian River)

# Provide Immediate Regional Drought Preparedness (construct/upgrade interties)

- New intertie was constructed between Calpella County Water District and Redwood Valley County Water District providing an additional 400 GPM of Groundwater provided by Millview County Water District through an upgraded intertie between Millview County Water District and Calpella County Water District



# Increase local water supply reliability and the deliver of safe drinking water (install new groundwater wells)

- Install one new 16" diameter groundwater for the City of Ukiah
- Partial funding for monitoring well for Millview County Water District
- Partial funding for monitoring well for Redwood Valley County Water District

# Increase local water supply reliability and the deliver of safe drinking water (install new groundwater wells)



City



# Reduce water quality conflicts or ecosystem conflict created by the drought (reduce diversions from the Russian River)

- Installation of City of Ukiah new well 9 will reduce diversion from the Russian River by approximately 1,100 acre feet per year.
- Will reduce water treatment costs by approximately \$250,000
- Reduce ecosystem conflicts in Lake Mendocino and the Russian River during times of drought
- Redwood Valley County Water District will ensure potable water for residents

# Funding- Prop 84 (\$1,554,450)

- City of Ukiah:
  - Approximately \$1,200,000 for Well 9
  - Approximately \$350,000 City funded match
- Redwood Valley County Water District
  - Approximately \$125,000 for new intertie
  - Approximately \$277,000 District funded match
- Millview County Water District:
  - Approximately \$100,000 for monitoring well
  - Approximately \$90,000 District funded match