



SCV
WATER

November 5, 2019

Rosedale Rio Bravo Drought Relief Project

Ribbon Cutting
October 14, 2019

2014 Drought Relief Project

FOR

**Santa Clarita Valley Water Agency
in partnership with
Rosedale-Rio Bravo Water Storage District**



FINANCED UNDER THE

**SAFE DRINKING WATER, WATER QUALITY AND SUPPLY, FLOOD CONTROL,
RIVER AND COASTAL PROTECTION BOND ACT OF 2006
(Proposition 84)**

ADMINISTERED BY

CALIFORNIA STATE DEPARTMENT OF WATER RESOURCES

YOURSCVWATER.COM



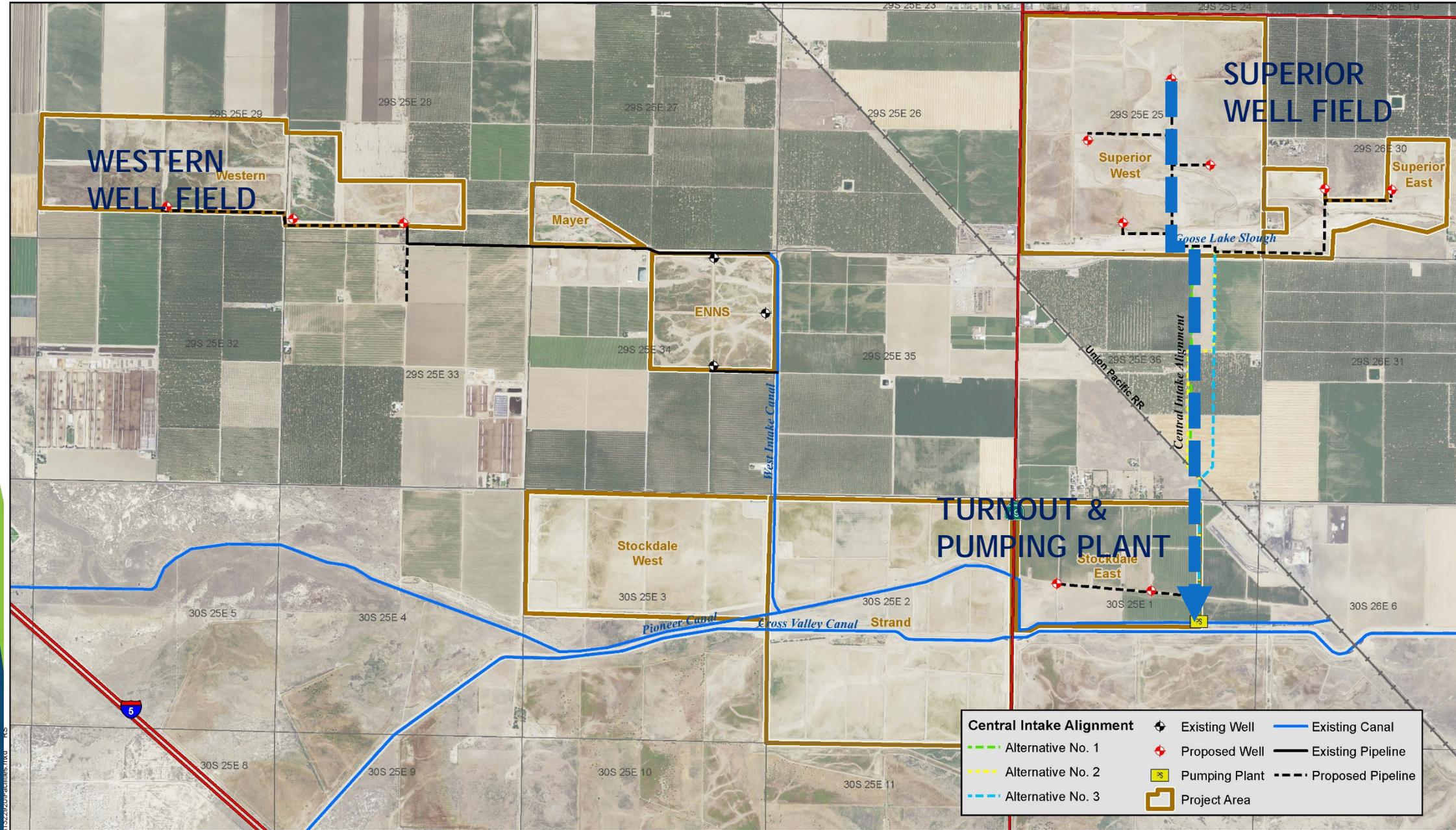
Reliability Program Investment

Rosedale Rio Bravo

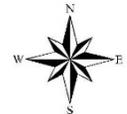
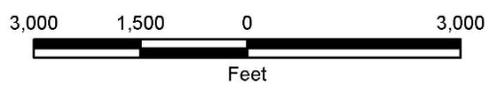
Total Budget: \$9,869,000

Grant: \$4,784,393

SCV Water: ~\$5,084,607



Central Intake Alignment	Existing Well	Existing Canal
Alternative No. 1	Proposed Well	Existing Pipeline
Alternative No. 2	Pumping Plant	Proposed Pipeline
Alternative No. 3	Project Area	



Kern County, California

Rosedale-Rio Bravo Water Storage District



2014 DROUGHT RELIEF PROJECT

MAY 2014

DRAFT

FIGURE 1



Turnout & Pumping Plant



Construction Details

Turnout Diameter	72-inch RCP
Pump Sizes	3 – 450 HP 60 CFS 2 – 250 HP 30 CFS
Design Flow Rate	20 – 240 CFS
Design Head	10 – 47 ft



ZEIDERS CONSULTING
1655 GREELEY ROAD
BAKERSFIELD, CA. 93314
(661) 589-8366





Central Intake Pipeline



Construction Details	
Pipe Material	63" HDPE
Total Length	8,561 ft.
Total Jack and Bore	210 ft.
Road Crossings	2
Rail Road Crossing	1



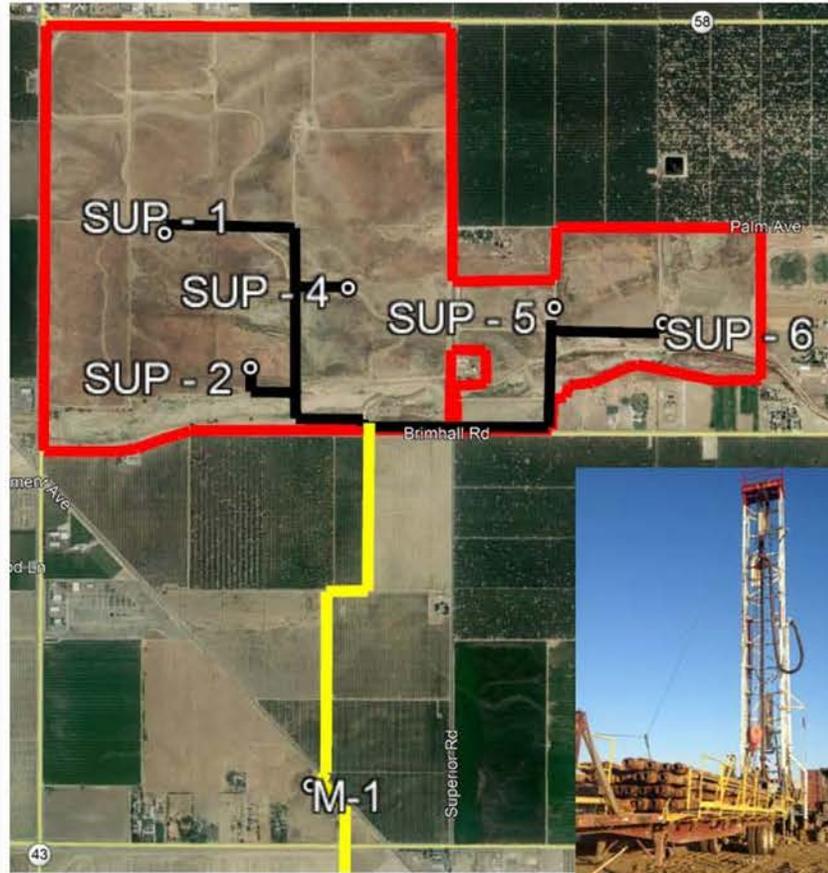
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Central Intake Pipeline



Superior Wellfield



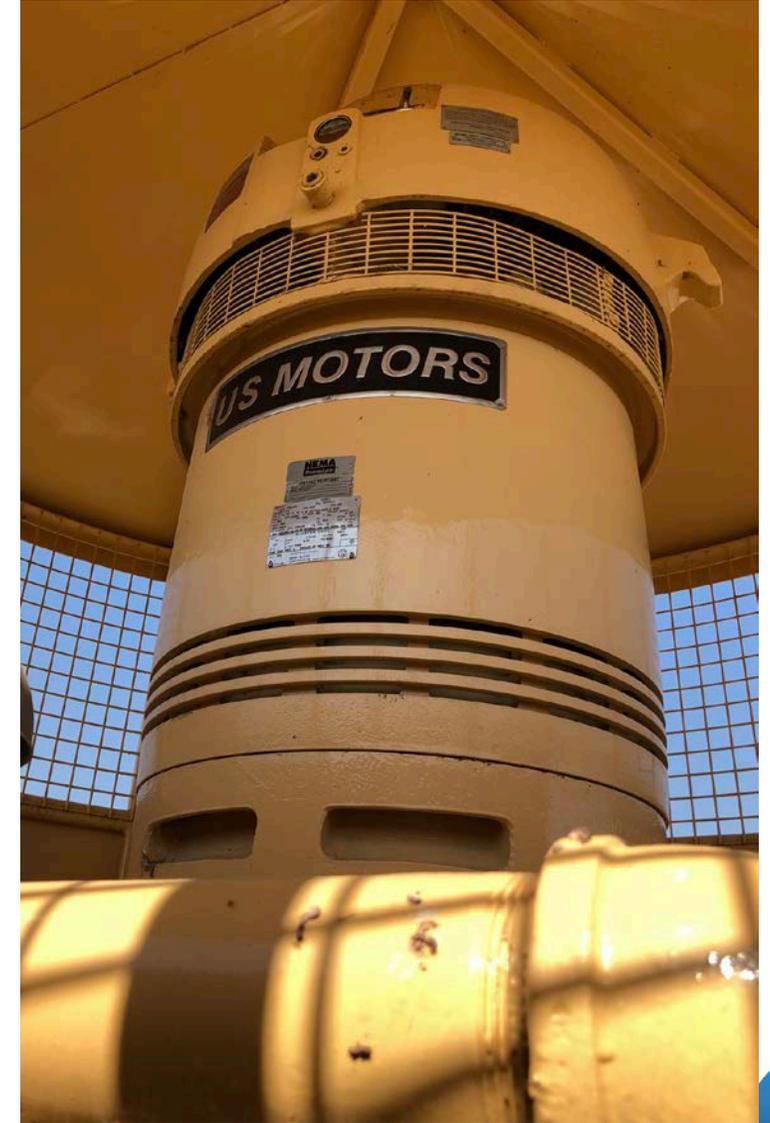
Well Construction Details

Design Flow Rate	2,500 – 3,500 GPM
Total Pump Head	430 – 460 ft.
Pump Motor HP	400 – 500 HP
Well Depth	680 - 980 ft.
Discharge Diameter	12 inches



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Typical Superior Wellfield Well







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Reliability Program Investments

Rosedale Rio Bravo

Total Budget: \$9,869,000

Grant: \$4,784,393

SCV Water: ~\$5,084,607

Semitropic

Total: \$8,462,000

Grant: \$6,338,618

SCV Water: \$2,123,382

