

DWR Component 4 Project Budget Update

Stetson Engineers Inc.

November 17, 2025

Irrigation Efficiency Projects Participating Ranches

Projects have been completed or are in progress on all participating ranches:

- Roberti
- Goodwin
- Diamond G
- DS Ranch
- Bar One
- Marsh
- Macey
- Grandi
- Loyalton HS
- McHenry
- Goicoechea
- Potter
- Grissom
- Williams

Projects were not completed at the following ranches due to either no contact or opting out:

- Green Gulch
- Simon
- Lafoon

District Component 4C & 4D Budget Summary – Nov 2025

	District 4C	District 4D
Original Grant Component Budgets	\$ 800,000	\$ 205,000
Modifications		
Move District 4D to District 4C	+ \$ 83,000	- \$ 83,000
Move Stetson 2C to District 4C	+ \$ 18,000	
Move Stetson 2C to District 4C	+ \$100,000	
District Component Total Budget	\$ 1,001,000	\$ 122,000
Completed Projects	\$ 470,733	\$ 39,427
Other Committed Projects	\$ 286,115	\$ 35,902
Approved projects with equipment purchased, waiting for installation		
All Committed Projects	\$ 756,848	\$ 75,329
Remaining Budget	\$244,152	\$ 46,671

Future Planned Expenditures and Projected Ending Balance

DWR Funds	District 4C	District 4D
Total Budget	\$ 1,001,000	\$ 122,000
All Committed Projects	\$ 756,848	\$ 75,329
Remaining Budget	\$ 244,152	\$ 46,671
Recommended Remaining Projects		
Bar One - Elim. Earthen Ditch	\$ -196,844	
Pivot Conversion Projects	\$ -36,000	
Soil Moisture Meter Installations		\$ -15,000
Weather Station		\$ -10,000
TBD	TBD	TBD
Projected Ending Balance	\$ 11,308	\$ 21,671

Proposed and Back-up Project Description and Costs

Remaining Efficiency & In-Lieu Recharge Project Options

Projects	Quote/Estimate	Component
Bar One Pipelines – Convert Earth Ditch to Pipeline (Project is quoted in entirety for approval tonight)	\$ 196,884	District 4C
Williams In-Lieu Recharge – Surface water Pump & Pipeline (Equipment is purchased, Installation quote is for approval tonight)	\$ 186,728	LWA 5C
DS Pump#1 In-Lieu Recharge – Surface water Pump (Equipment and Installation quotes are for approval tonight)	\$ 74,260	LWA 5C or District 4C
DS Pump#11 In-Lieu Recharge – Surface water Pump & Pipeline (Equipment and Installation quotes are for approval tonight)	\$ 131,132	LWA 5C or District 4C
Goicoechea River screen & Pipeline – Improve utilization of SW diversions (Quote includes material only, owner has offered installation service) (Could be piecemealed)	\$ 51,732	District 4C or LWA 5C?
Pivot Conversions - 6 (3-Goodwin, Plumas Pivots - Roberti P10, DS P11, Bar One) (Partially Quoted already, would be individually implemented)	\$ 36,000 \$ 41,600	District 4C / Plumas

Bar One Pipelines – District 4C

- Converts earthen ditches to irrigation pipelines with grazing valves
- Reduces conveyance losses & improves irrigation application control
- Fields are dependent on seasonal access for construction
- Contractor (JW Kerns) can **mobilize in 4 weeks**
- The project can be split into two projects

1st Priority	Field 4 – (Well #8 (DMS025))	\$ 94,501
2nd Priority	Field 1 – (Well #7 (DMS024))	\$ 102,383
	Project Total (Board Item)	\$ 196,884

Williams In-Lieu Recharge – LWA 5C

- Converts Pivot irrigation demand from groundwater to surface water
- Consists of Riverscreen, Ditch Pump, and Pipeline
- Material already purchased (Oct 2025 Board meeting)
- Fields are less dependent on seasonal access than others
- Contractor (Your H2O Pro) can **mobilize in 2 weeks**

Materials (Purchased)	\$ 64,047
Installation (11/17 Board Item)	\$ 122,680
Project Total	\$ 186,728

DS Ranch Pump#1 In-Lieu Recharge – LWA 5C

- Converts Pivot irrigation demand from groundwater to surface water
- Consists of Riverscreen & Ditch Pump only
- Field is less dependent on seasonal access than others
- Contractor (Your H2O Pro) can **mobilize in 2 weeks**
- **Project prioritization pushes this project to January**

Materials (11/17 Board Item)	\$ 23,960
Installation (11/17 Board Item)	\$ 50,300
Project Total	\$ 74,260

DS Ranch Pump#11 In-Lieu Recharge – LWA 5C

- Converts Pivot irrigation demand from groundwater to surface water
- Consists of Riverscreen, Ditch Pump, & short pipeline
- Field is less dependent on seasonal access than others
- Contractor (Your H2O Pro) can **mobilize in 2 weeks**
- Some material components may push completion to January

Materials (11/17 Board Item)	\$ 47,432
Installation (11/17 Board Item)	\$ 83,700
Project Total	\$ 131,132

Goicoechea Riverscreen & Pipeline – LWA 5C

- Improves surface water diversions and tie-in to existing pipeline
- Consists of Riverscreen and Pipeline
- Fields are less dependent on seasonal access than others
- Some material may not be available until January

Materials (Board Item)	\$	51,732
Installation (Owner)	\$	---
Project Total	\$	51,732

Remaining Pivot Conversions – District 4C

- Converting pivot sprinkler packages, MESA to LESA or high-efficiency
- Fields are somewhat dependent on seasonal access
- Contractor (Your H2O Pro) can **mobilize in 2 weeks**
- The conversion projects are implemented individually
- 3 are on the Goodwin Ranch. The Goodwins have not committed yet
- 3 are Plumas demo fields, which will otherwise be converted under the Plumas Grant

Goodwin Pivot 3 - Orbitors	\$ 12,000
Goodwin Pivot 4 - Orbitors	\$ 12,000
Goodwin Pivot 6 - Orbitors	\$ 12,000
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Bar One Indian Pivot - Orbitors	\$ 12,000
DS Ranch Pivot 11 – LESA	\$ 20,000
Total	\$ 68,000