

Describe the proposed changes to the physical system, operations and application methods that will result in the conservation of water. *Please include a description and details of how the estimate of water conserved was determined. Please provide sufficient detail for the Department to provide notice of the project. A variable frequency drive was added to the 75 HP pump. The overhead big gun irrigation was converted to single 18mm drip emitter lines per row spaced at 20'.*

Existing Point(s) of Appropriation Involved in Conservation Measures:

Twp		Rng		Sec	¼	¼	Tax Lot	Gvt Lot or DLC	Measured Distances or Latitude and Longitude
12	S	3	W	1	SE	SE	1401	57	1858' S and 4650' E from W ¼ corner, sec. 1

Authorized POA Name or Number	OWRD Well ID Tag No. L-___	Total Well Depth	Casing Diameter	Casing Intervals (in feet)	Seal Depth(s) (intervals)	Perforated or Screened Intervals (in feet)	Static Water Level of Completed Well (in feet)	Source Aquifer (sand, gravel, basalt, etc.)	Well-specific Rate (cfs or gpm). If less than full rate of water right
Well 1	L-134780	240'	12"	+2-37' 37-137'	0-44'		11'	Sand and gravel	800 gpm

Place of Use Involved in Conservation Measures:

List only the part of the right that will be affected. If the entire right is being affected, just state "entire Certificate."

Twp		Rng		Sec	¼	¼	Tax Lot	Gvt Lot or DLC	Acres	Type of Use listed On Certificate	Priority Date
12	S	3	W	1	SW	NE	1100		5.07	Irrigation	7/27/2018
12	S	3	W	1	NE	SE	1401	57	19.00	Irrigation	7/27/2018
12	S	3	W	1	NW	SE	1100	2	26.69	Irrigation	7/27/2018
12	S	3	W	1	NW	SE	1401	57	8.20	Irrigation	7/27/2018
12	S	3	W	1	SW	SE	1100	3	20.49	Irrigation	7/27/2018
12	S	3	W	1	SW	SE	1401	57	13.21	Irrigation	7/27/2018
12	S	3	W	1	SE	SE	1401	57	22.55	Irrigation	7/27/2018
12	S	3	W	12	NE	NE	1401	57	8.84	Irrigation	7/27/2018
12	S	3	W	12	NW	NE	1401	57	7.07	Irrigation	7/27/2018
Total									131.12		

Are there other water right certificates, water use permits, groundwater registrations, or uncertificated decreed rights associated with the above lands? Yes No. If YES, list the certificates, water use permits, groundwater registrations, or uncertificated decreed numbers: _____

Is the project within the boundaries of an irrigation district or water control district? Yes No. If YES, and applicant is not a District, you must provide a letter of approval from the District.

Table 2: Conserved Water

In Column A, list the smaller of A or B from Table 1 (Pre-Project Description). In Column B, list the amount of water that will be needed for the existing, authorized use(s) after implementing the conservation measures. In Column C, subtract Column B from Column A and enter the results (e.g., A – B = C). (If the water right is only limited by rate, do not list a duty; and conversely, if the water is only limited by duty, do not list a rate.)

Conserved Water Description											
		Column A				Column B				Column C	
		Table 1 – Smaller of A or B				Needed				Conserved Water	
		Rate		Duty		Rate		Duty		Rate	Duty
Originating Certificate	Priority	Maximum CFS	CFS/AC	Maximum AF	AF/AC	Maximum CFS	CFS/AC	Maximum AF	AF/AC	Maximum CFS	Maximum AF
98658	7/27/2018	1.22	0.009	327.8	2.5	0.67	0.005	196.68	1.5	0.55	131.12
Totals		1.22		327.8		0.67		196.68		0.55	131.12

Table 3: Allocation of Conserved Water

List the portions of the conserved water that will be allocated to the state and applicant. Note: Column A plus Column B should total Column C (e.g., A + B = C).

Conserved Water Allocation								
Column A			Column B			Column C		
State's Portion			Applicant's Portion			Conserved Water		
Percentage*	Maximum Rate (CFS)	Maximum Duty (AF)	Percentage	Maximum Rate (CFS)	Maximum Duty (AF)	Percentage	Maximum Rate (CFS)	Maximum Duty (AF)
25%	0.14	32.78	75%	0.41	98.34	100%	0.55	131.12

* must be at least 25%

The priority for the conserved water is requested to be:

- The same as the original right, or
- One minute junior to the original right.