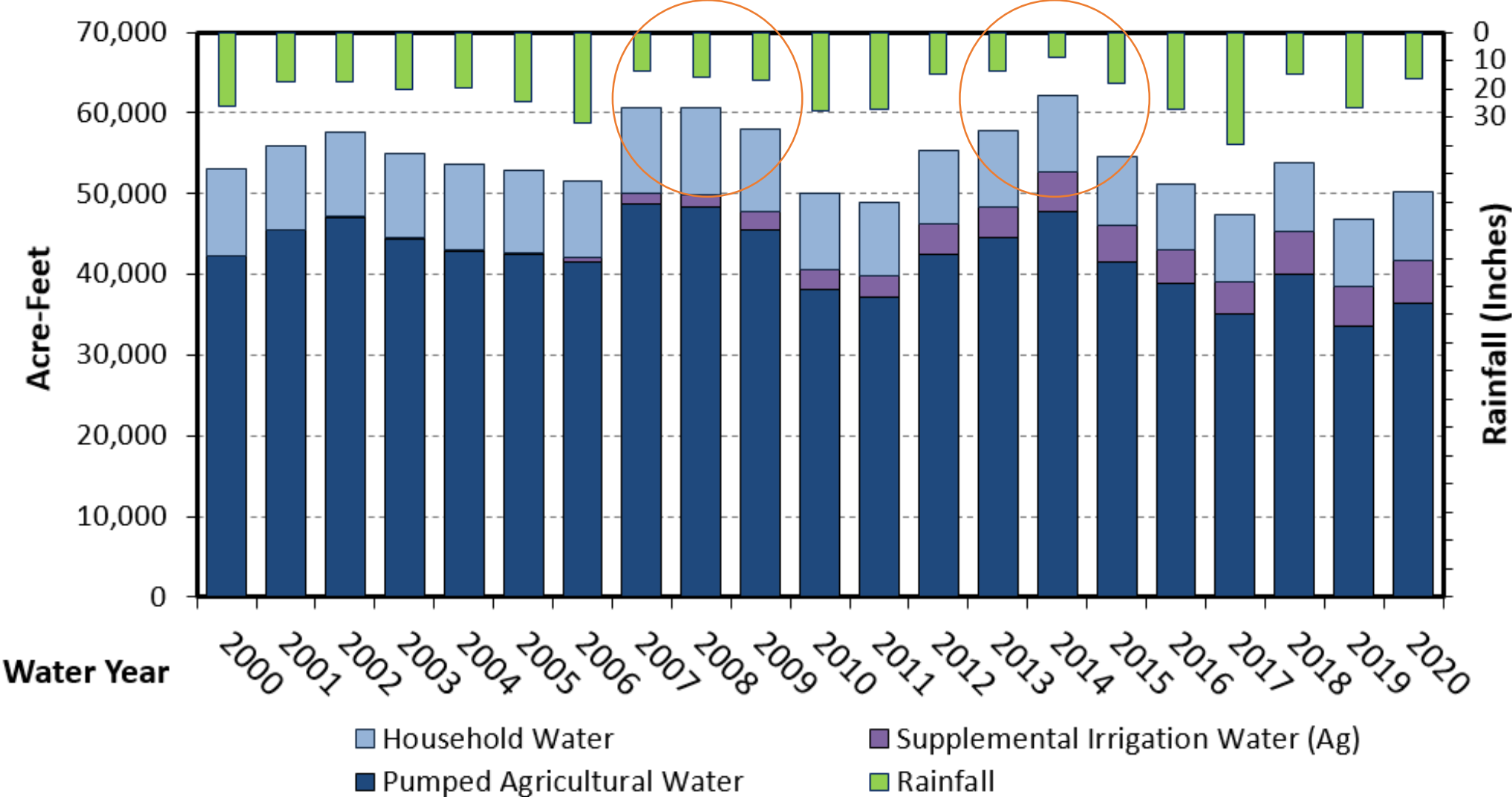


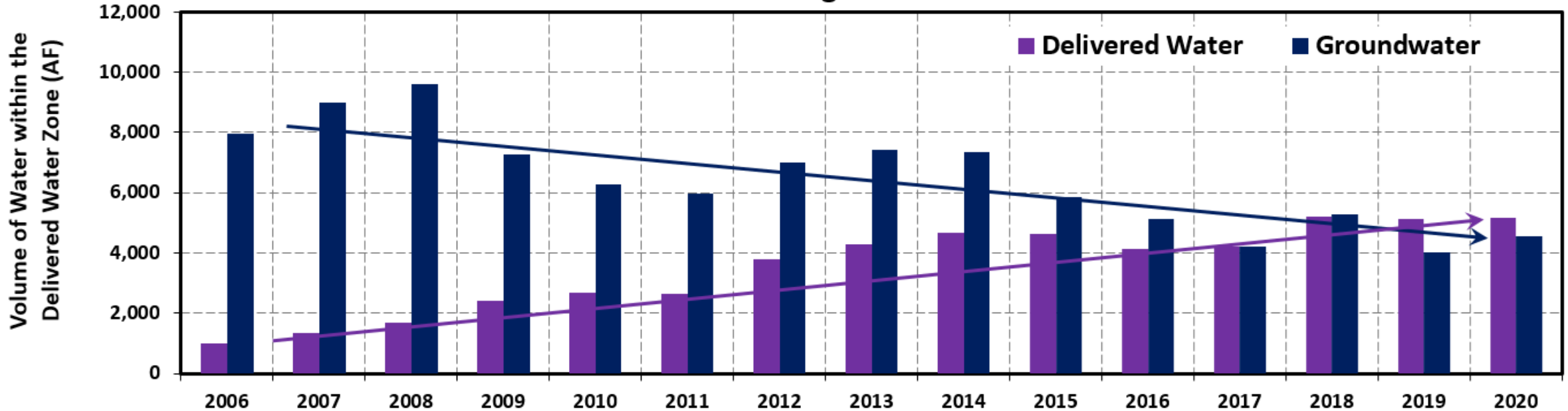
Projects & Facility Operations Committee

July 28, 2021

Water Use and Precipitation Trends Pajaro Valley 2000 - 2020



Delivered Water and Groundwater Usage Trends within Delivered Water Service Area

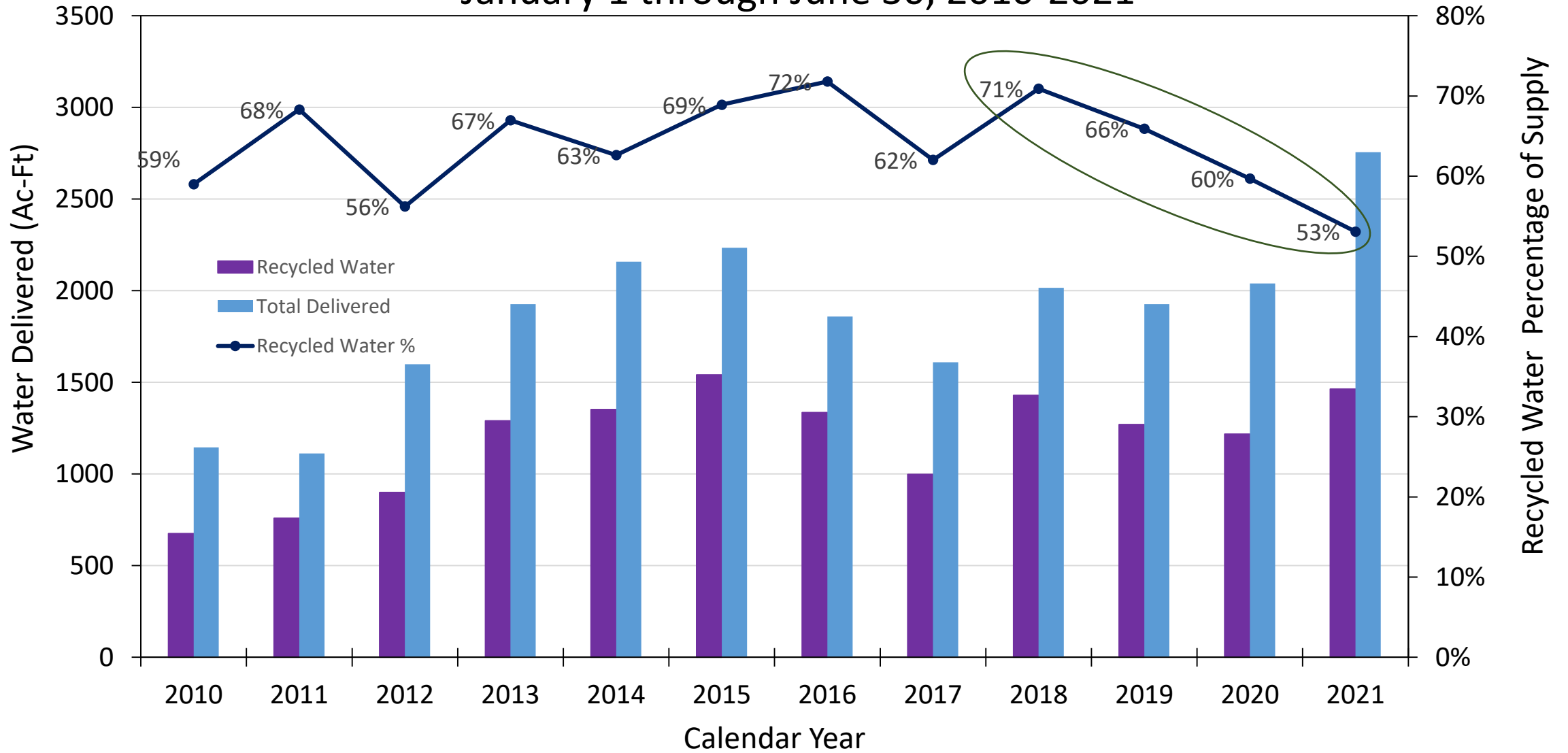


	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Delivered Water (AF)	990	1,337	1,665	2,406	2,681	2,630	3,788	4,275	4,685	4,638	4,139	4,203	5,213	5,138	5,174
Groundwater (AF)	7,976	8,974	9,614	7,278	6,293	5,971	6,984	7,407	7,360	5,857	5,117	4,210	5,275	4,013	4,534
Total DWZ Water Use (AF)	8,966	10,311	11,279	9,684	8,974	8,601	10,772	11,682	12,044	10,495	9,256	8,413	10,488	9,151	9,708
Delivered Water % of Total	11%	13%	15%	25%	30%	31%	35%	37%	39%	44%	45%	50%	50%	56%	53%

(Production of Recycled Water Began in 2009)

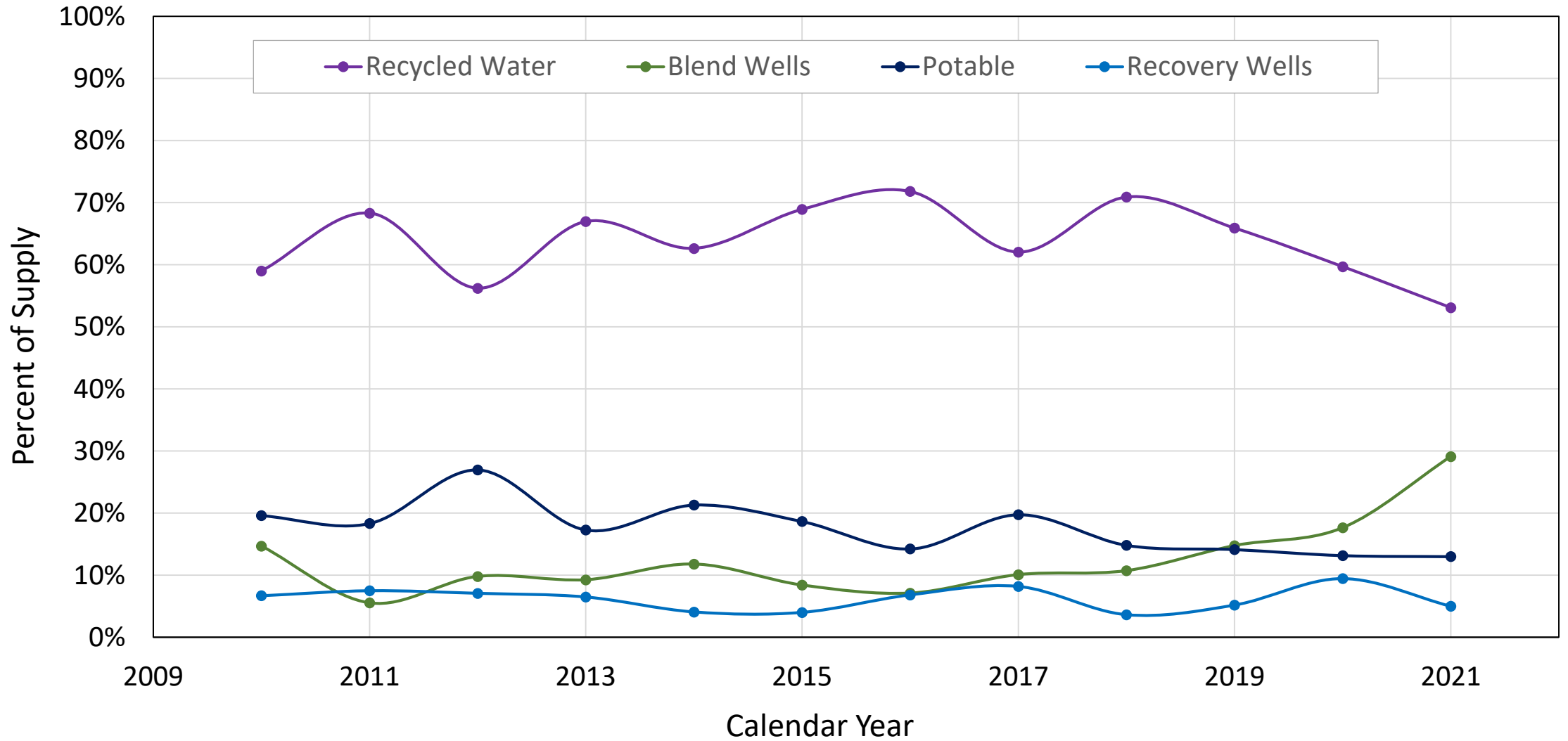
Recycled Water Deliveries: Volume & Percent of Supply

January 1 through June 30, 2010-2021

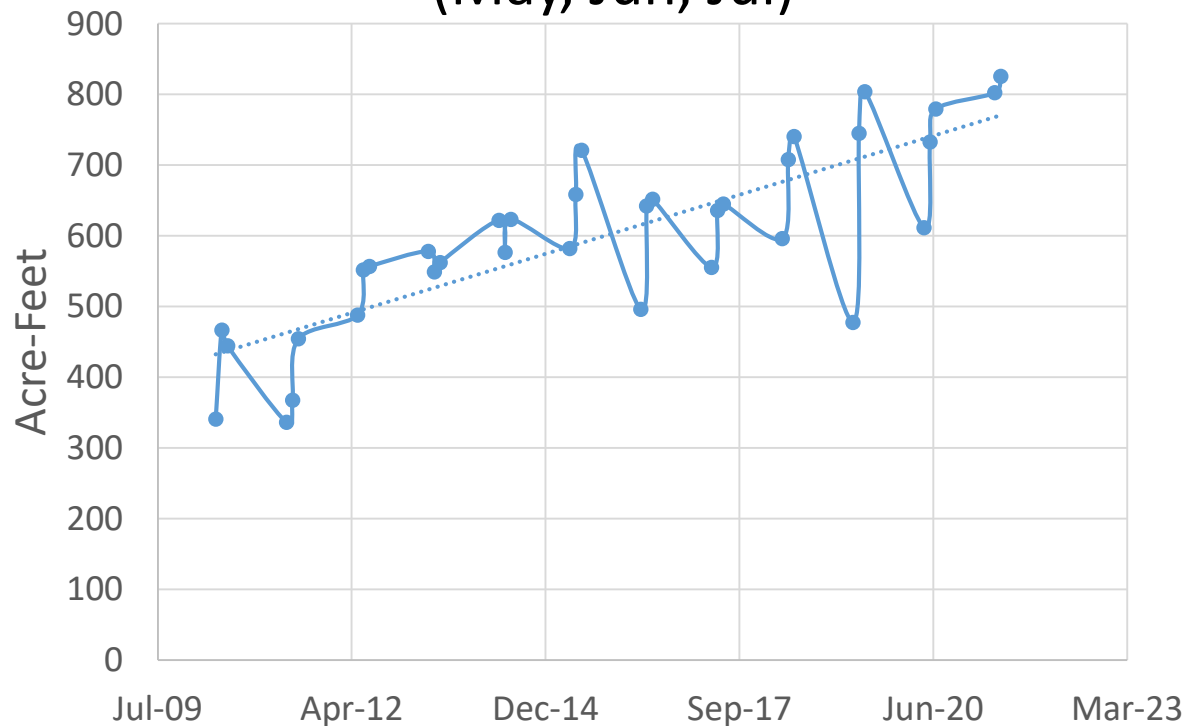


Supplemental Water Supply % of Delivered Water

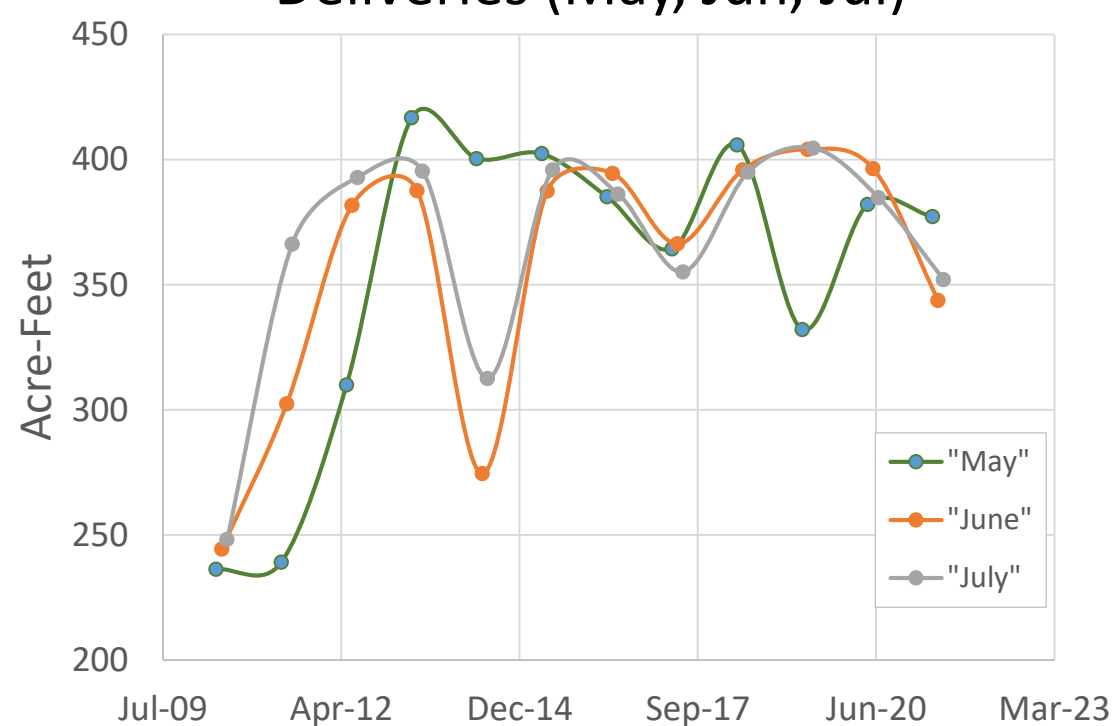
January 1 through June 30, 2010-2021



Total Water Deliveries (May, Jun, Jul)



Recycled Water Deliveries (May, Jun, Jul)



Production Monthly Summary 2021 as of June 30th*

All totals are in Acre Feet

	January	February	March	April	May	June	July	August	September	October	November	December	Individual Totals
Harkins Slough Project:													
Effluent FW to Basin	0.000	0.000	2.430	0.000	0.000								2.4

Coastal Distribution System (CDS):

Recovery Wells Sub Total	8.507	8.688	14.583	35.079	37.136	33.809	0.000	0.000	0.000	0.000	0.000	0.000	137.80
Blend Wells													
SW #1	0.000	0.000	0.000	29.609	90.795	114.808	0.000	0.000	0.000	0.000	0.000	0.000	235.21
SW #2	0.000	2.409	16.043	124.582	193.784	230.320	0.000	0.000	0.000	0.000	0.000	0.000	567.14
Blend Wells Subtotal	0.000	2.409	16.043	154.191	284.579	345.128	0.000	0.000	0.000	0.000	0.000	0.000	802.35
RWF Blend (See Breakdown Below)	124.175	119.113	242.049	403.329	480.653	446.744	0.000	0.000	0.000	0.000	0.000	0.000	1816.06
CDS Total	132.68	130.21	272.67	592.60	802.37	825.68	0.00	0.00	0.00	0.00	0.00	0.00	2756.21

Approximate Recycled Water Blend Breakdown:

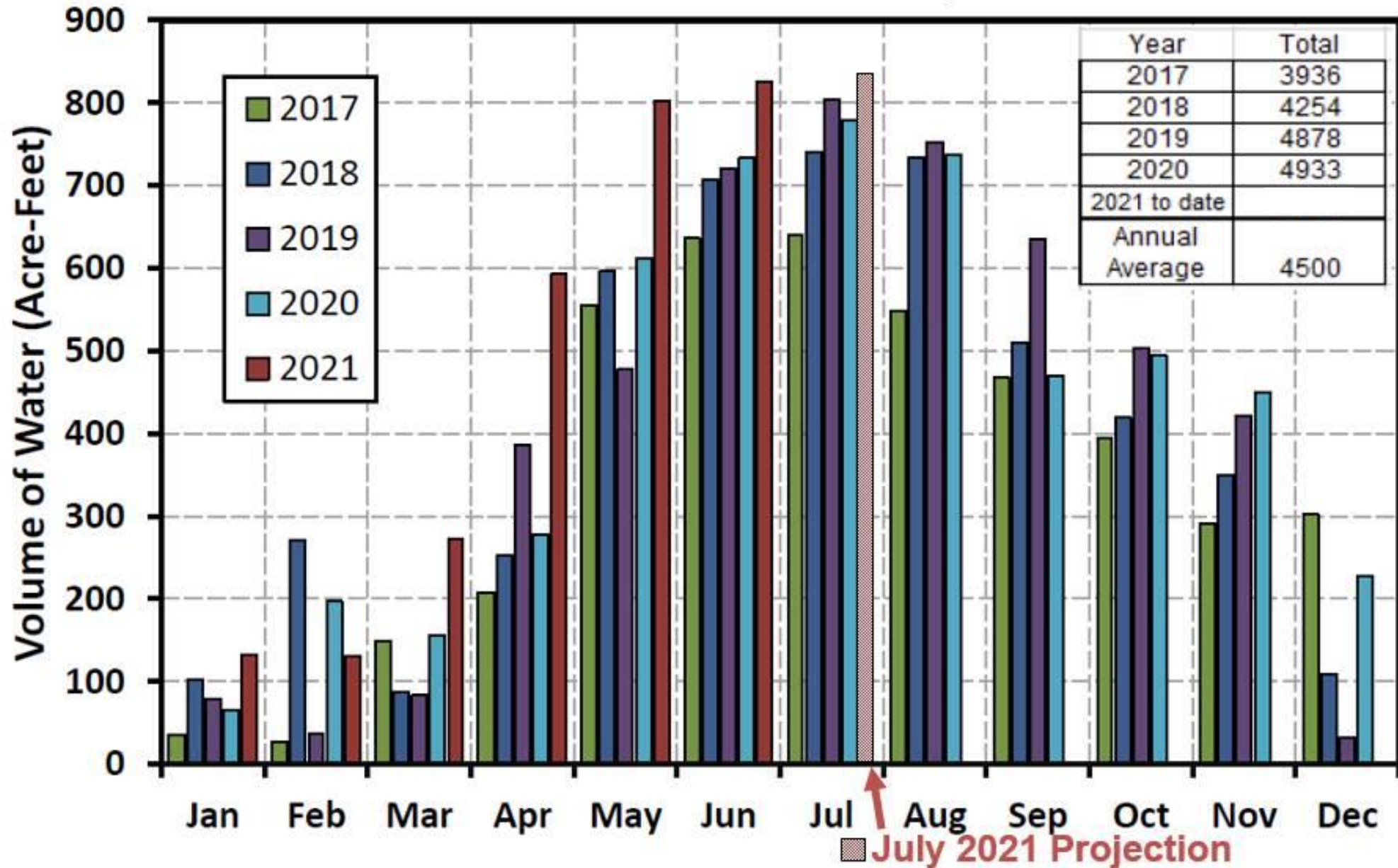
Estimated Recycled Water	108.473	114.629	210.384	308.871	377.220	343.723	0.000	0.000	0.000	0.000	0.000	0.000	1463.30
RWF No_1 (potable)	15.702	4.484	31.665	94.458	103.433	103.021	0.000	0.000	0.000	0.000	0.000	0.000	352.76

* Recycled Water Blend Breakdown is Approximate because there is always some water in the tank that may be recycled water or RWF No-1 Water, "Est Recycled Water" is the RWF Blend total, (which is measured by the RWF Distribution meter after the tanks,) MINUS the RWF No_1 total, which is measure before the No_1 water goes into the tanks to blend.

Well 860 (Harvest Dr.)	0.000	0.000	0.000	0.000	27.042	31.357	0.000	0.000	0.000	0.000	0.000	0.000	58.40
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2020 Production Percentages:			
Recovery Wells	Supplemental Wells	Recycled Water	Potable Water
5%	29%	53%	13%

Five-Year Production Comparison



CDS June and July 2021 Demand Vs. Supply

	Acre Ft/Day
Average Demand	33
Average Supply Available	27

August through ?

Expect reduction in availability of potable water due to Water Shortage Contingency Plan

(12% to 25% reduction ~ 1 Acre ft/day)