

Monterey County Water Recycling Projects and Salinas River Diversion Facility Operations Update

SUMMARY/DISCUSSION:

The CSIP system is currently delivering 100 – 130 acre feet per day to meet irrigation demand within zone 2B. SVRP and SRDF are both online and meeting the majority of the water demanded. 12 supplemental CSIP wells are available for use to help maintain system pressure during periods of high demand. Supplemental well use has been significantly reduced due to the availability of the SRDF this season.

The tertiary treatment plant was put back online March 22nd. On May 26th, MRWPCA began diversion and treatment of $\pm$ 3.5 MGD (10 acre feet) of industrial pond water from the City of Salinas. The SVRP has a daily water production of 60 - 67 acre feet per day to include the water diverted from the City of Salinas ponds.

The SRDF began impoundment of water on April 28th. Due to turbidity, delivery of water from the diversion facility for irrigation use began May 12th. The SRDF is producing 30- 40 acre feet per day to meet current irrigation demands.

Twelve wells are presently operational, with a total flow capacity of approximately 22,800 gallons per minute or 101 acre feet per day. Pumping of the supplemental wells has been reduced to $\pm$ 10 acre feet per day due the availability of the SRDF.

OTHER AGENCY INVOLVEMENT:

N/A

FINANCING:

N/A

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Attachments:

CSIP Water Production Table

**Monterey County Water Recycling Projects (MCWRP) & Salinas River Diversion Facility
(SRDF) Water Production (Acre Feet)**

Source	FY 07-08	FY 08-09	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14	FY 14-15	FY15-16	FY16-17
	July-07	July-08	July-09	July-10	July-11	July-12	July-13	July-14	July-15	July-16
CSIP-Wells	1,517	1,590	1,699	267	316	214	98	1,303	1,351	1,412
SRDF-River	0	0	0	1,035	1,145	992	1,260	0	0	0
SVRP-Recycled	1,957	1,943	1,837	1,889	1,869	1,834	1,786	2,073	1,842	1,941
	Aug-07	Aug-08	Aug-09	Aug-10	Aug-11	Aug-12	Aug-13	Aug-14	Aug-15	Aug-16
CSIP-Wells	1,115	969	1,107	272	568	311	263	1,025	1,105	911
SRDF-River	0	0	0	968	709	799	1,220	0	0	0
SVRP-Recycled	1,927	1,906	1,839	1,902	1,873	1,847	1,803	2,033	1,785	1,704
	Sep-07	Sep-08	Sep-09	Sep-10	Sep-11	Sep-12	Sep-13	Sep-14	Sep-15	Sep-16
CSIP-Wells	380	545	509	191	419	135	248	435	482	445
SRDF-River	0	0	0	478	0	314	537	0	0	0
SVRP-Recycled	1,616	1,683	1,594	1,821	1,617	1,734	1,725	1,837	1,687	1,782
	Oct-07	Oct-08	Oct-09	Oct-10	Oct-11	Oct-12	Oct-13	Oct-14	Oct-15	Oct-16
CSIP-Wells	125	140	119	20	54	16	165	102	38	228
SRDF-River	0	0	0	80	0	65	133	0	0	0
SVRP-Recycled	1,129	1,378	465	1,006	733	1,168	1,548	1,407	1,217	578
	Nov-07	Nov-08	Nov-09	Nov-10	Nov-11	Nov-12	Nov-13	Nov-14	Nov-15	Nov-16
CSIP-Wells	692	35	575	246	238	72	35	303	213	325
SRDF-River	0	0	0	0	0	0	0	0	0	0
SVRP-Recycled	0	730	0	179	224	731	1,127	18	57	0
	Dec-07	Dec-08	Dec-09	Dec-10	Dec-11	Dec-12	Dec-13	Dec-14	Dec-15	Dec-16
CSIP-Wells	445	29	194	69	723	44	730	38	199	211
SRDF-River	0	0	0	0	0	0	0	0	0	0
SVRP-Recycled	0	289	0	0	0	0	88	0	0	0
	Jan-08	Jan-09	Jan-10	Jan-11	Jan-12	Jan-13	Jan-14	Jan-15	Jan-16	Jan-17
CSIP-Wells	91	485	100	333	1,067	253	490	516	96	62
SRDF-River	0	0	0	0	0	0	0	0	0	0
SVRP-Recycled	0	0	0	26	0	0	1,240	32	0	0
	Feb-08	Feb-09	Feb-10	Feb-11	Feb-12	Feb-13	Feb-14	Feb-15	Feb-16	Feb-17
CSIP-Wells	171	235	143	100	162	334	9	115	520	102
SRDF-River	0	0	0	0	0	0	0	0	0	0
SVRP-Recycled	173	112	0	580	1,031	692	351	1,013	56	0
	Mar-08	Mar-09	Mar-10	Mar-11	Mar-12	Mar-13	Mar-14	Mar-15	Mar-16	Mar-17
CSIP-Wells	520	408	529	154	211	218	214	411	395	580
SRDF-River	0	0	0	0	0	0	0	0	0	0
SVRP-Recycled	1,602	676	49	450	929	1,561	902	1,542	289	125
	Apr-08	Apr-09	Apr-10	Apr-11	Apr-12	Apr-13	Apr-14	Apr-15	Apr-16	Apr-17
CSIP-Wells	1,513	1054	143	544	80	239	240	446	391	325
SRDF-River	0	0	0	0	0	501	0	0	0	0
SVRP-Recycled	1,806	1702	839	1,650	1,044	1,679	1,431	1,556	1,640	857
	May-08	May-09	May-10	May-11	May-12	May-13	May-14	May-15	May-16	May-17
CSIP-Wells	939	822	150	284	125	239	1,067	696	831	614
SRDF-River	0	0	375	593	618	1,219	0	0	0	516
SVRP-Recycled	1,914	1717	1737	1694	1,745	1,799	1,912	1,758	1,770	1,770
	Jun-08	Jun-09	Jun-10	Jun-11	Jun-12	Jun-13	Jun-14	Jun-15	Jun-16	Jun-17
CSIP-Wells	1,726	1,391	570	428	276	363	1,261	1,066	1,299	
SRDF-River	0	0	944	1,020	906	1,224	0	0	0	
SVRP-Recycled	1,797	1,750	1,838	1,713	1,764	1,677	1,940	1,761	1,855	
Totals	FY 07-08	FY 08-09	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14	FY 14-15	FY 15-16	FY 16-17
CSIP-Wells	9,234	7,703	5,838	2,908	4,239	2,438	4,820	6,455	6,921	5,214
SRDF-River	0	0	1,319	4,174	3,378	5,114	3,150	0	0	516
SVRP-Recycled	13,921	13,886	10,198	12,910	12,829	14,723	15,853	15,030	12,198	8,757
Total acre-feet	23,155	21,589	17,355	19,992	20,446	22,275	23,822	21,485	19,120	14,487
% Wells	40%	36%	34%	15%	21%	11%	20%	30%	36%	36%
% River	0%	0%	8%	21%	17%	23%	13%	0%	0%	4%
% Recycled	60%	64%	59%	65%	63%	66%	67%	70%	64%	60%