

Annual Water Use Report
for
IEUA Service Area

FY 2014-2015

Retail Agency Water Use and Five Year History

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Preface

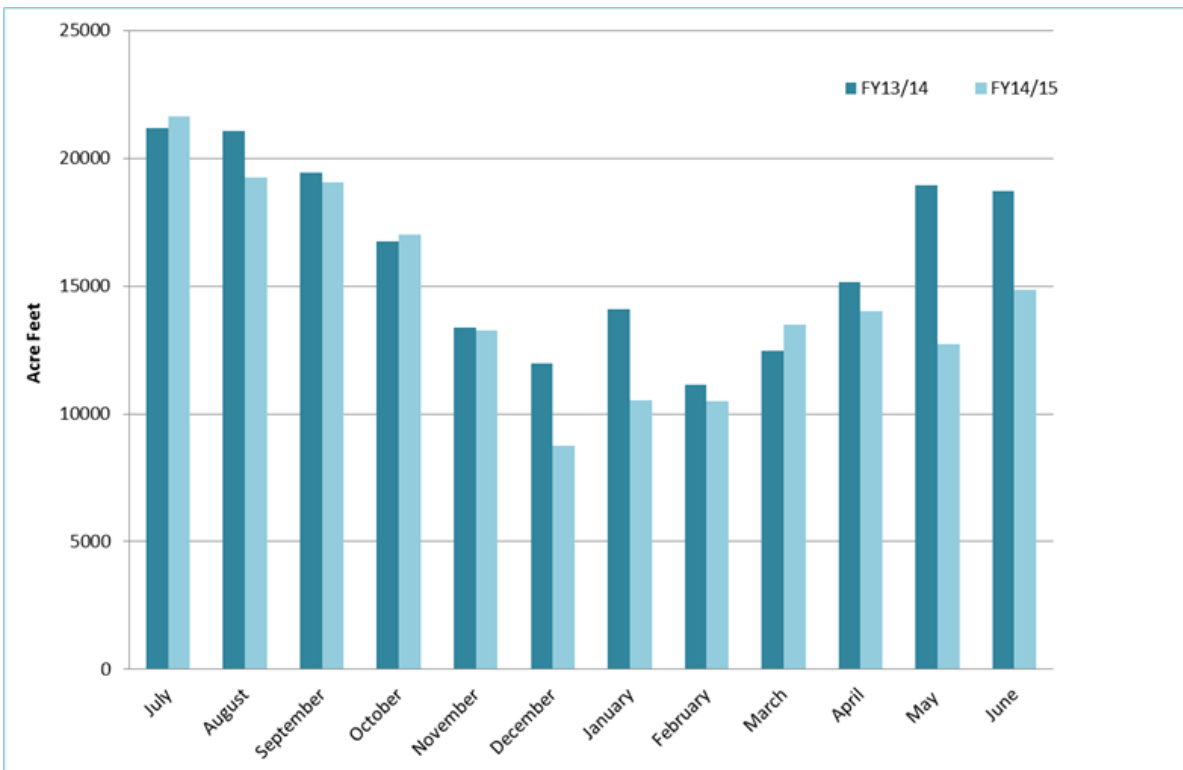
FY 2014-15 Water Use Summary Report

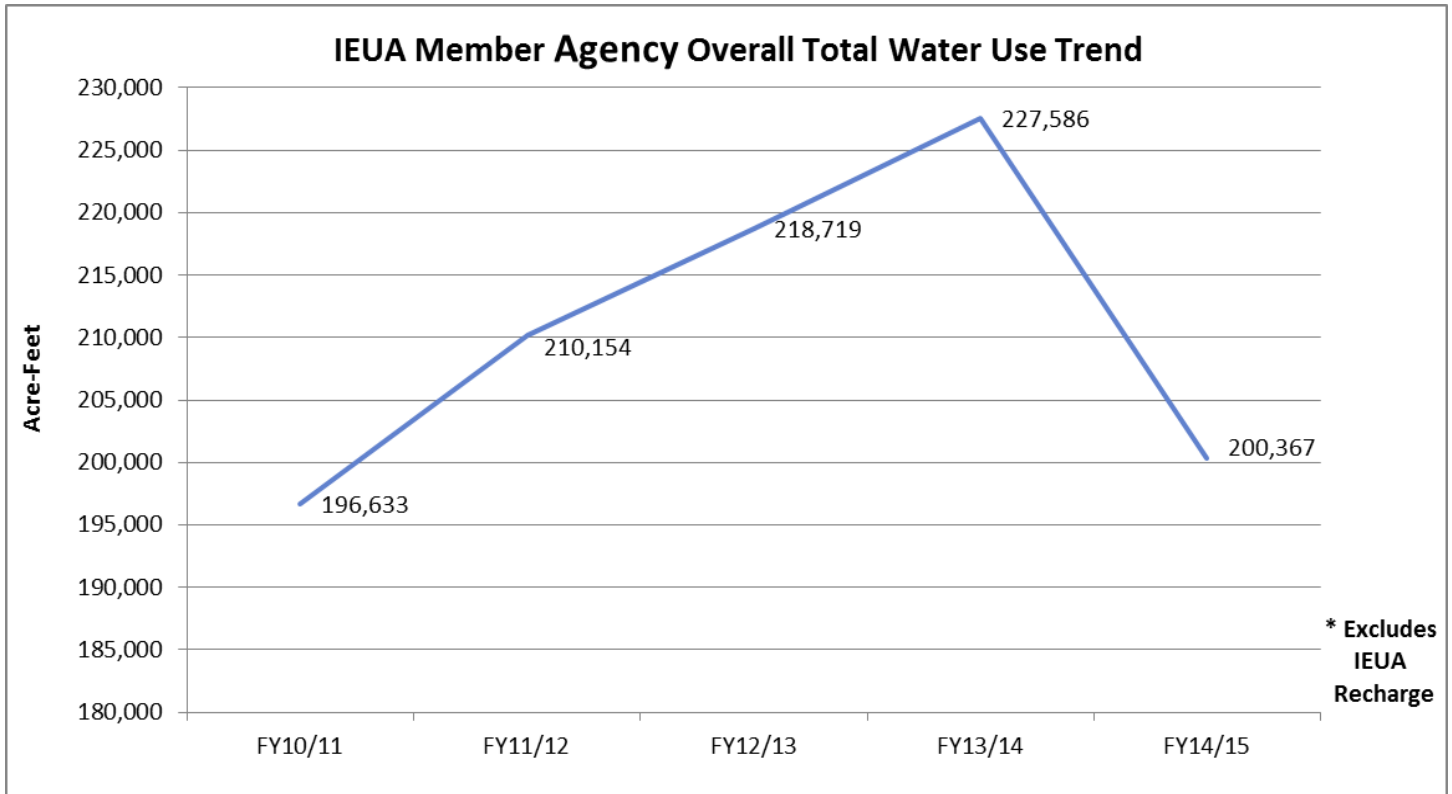
Inland Empire Utilities Agency (IEUA) staff monitors and compiles water use data from each of its retail agencies in the IEUA's service area to track overall water demands and sources of supply. Each year, this data is compiled into an Annual Water Use Report. Data includes monthly water use (by each member agency and by source of supply), a five-year history of water use, and retail agency water usage as a percentage of the total water used in the service area.

In FY 2014/15, Southern California experienced its third year of drought, with over half of the state experiencing "exceptional drought" conditions. Due to the prolonged drought featuring record high - temperatures and low rainfall, Governor Brown declared a drought State of Emergency in January 2015 and directed state officials to take all necessary actions to prepare for water shortages.

In May 2015, this was followed by the State Water Board adopting emergency regulation requiring an immediate 25% reduction in overall potable use which went into effect on April 1. The regulation used a sliding scale based on residential gallons per capita per day and requires monthly reporting from retail agencies to compare monthly usage to 2013 data. Since FY 2013/14, the service area has reduced residential potable water use by 10% (excludes CDA and RW). Per the executive order the Department of Water Resources (DWR) also convened an independent technical panel to review and update the statewide Model Water Efficient Landscape Ordinance (MWELo) with the goal of reducing water used for outdoor irrigation for existing and new construction.

Regional Monthly Total Water Usage FY 14/15 Comparison to FY13/14





Overall water consumption within the IEUA’s service area decreased 11% (~24,217AF) since FY 2013/14. Chino Desalter Authority (CDA) production decreased slightly by ~250 AF and direct use recycled water decreased by ~1,700 AF.

IEUA anticipates a trend of declining usage as a response to the drought in California. Although development is anticipated to continue and growth may rebound at the end of the drought, long-term demands are not expected to greatly increase. This analysis came from demand modeling conducted as part of IEUA’s 2015 Integrated Resources Plan (IRP) which found that new developments in the region tends to be more water efficient due to changes in the plumbing code, higher density developments with less landscaping, and compliance with the existing model landscape ordinance requirements set forth in AB1881.

In addition, aggressive efforts are being made to diversify and maximize local resource development, expand water use efficiency programs, and assist interested member agencies with the development of budget based rate structures. These efforts have better prepared the service area to cope with future dry years and increase regional resiliency in the face of climate change.

Below is a summary and update on the region’s major water supply efforts and programs:

- IEUA and its member agencies have continued work on IRP to adopt an overall strategy for developing water supplies and meeting projected demands within the IEUA service area in a cost-effective manner. The plan developed an updated demand model based on new regional development trends of high density, efficient indoor devices, and low outdoor water use plants per state legislation. IRP completion is anticipated for winter 2015.

- IEUA completed the 2015 Recycled Water Program Strategy, which will further implement the Recycled Water Business Plan to expand its connected demand and maximize recycled water deliveries for both direct use and groundwater recharge. In FY 2014/15 member agency direct recycled water use was 20,515 AF.
- IEUA and its member agencies are continuing to work towards completing the Phase III expansion of the Chino Desalters, which will increase capacity from 24,600 AFY to 40,000 AFY. In FY 2014/15, the Chino Desalters production yielded approximately 14,500 AF.
- IEUA and its member agencies continue to implement the water use efficiency programs outlined in the long term Regional Water Use Efficiency Business Plan completed in September 2010. This document serves as the blueprint for the Agency's existing regional programs while providing the guidance for developing new cost-effective initiatives. The plan is also being updated as part of the IRP process. Future conservation targets are anticipated to be much more aggressive as a result of the IRP. In FY 2014/15, the regional water use efficiency programs doubled savings from FY13/14 reaching a record high of approximately 1,033 AF, and an estimated lifetime savings of 8,852 AF.
- The 2015 Water Use Efficiency Business Plan is under development, which will be completed by winter 2015.

IEUA would like to thank its member agencies for their assistance in compiling the data contained in this report.

SECTION 1

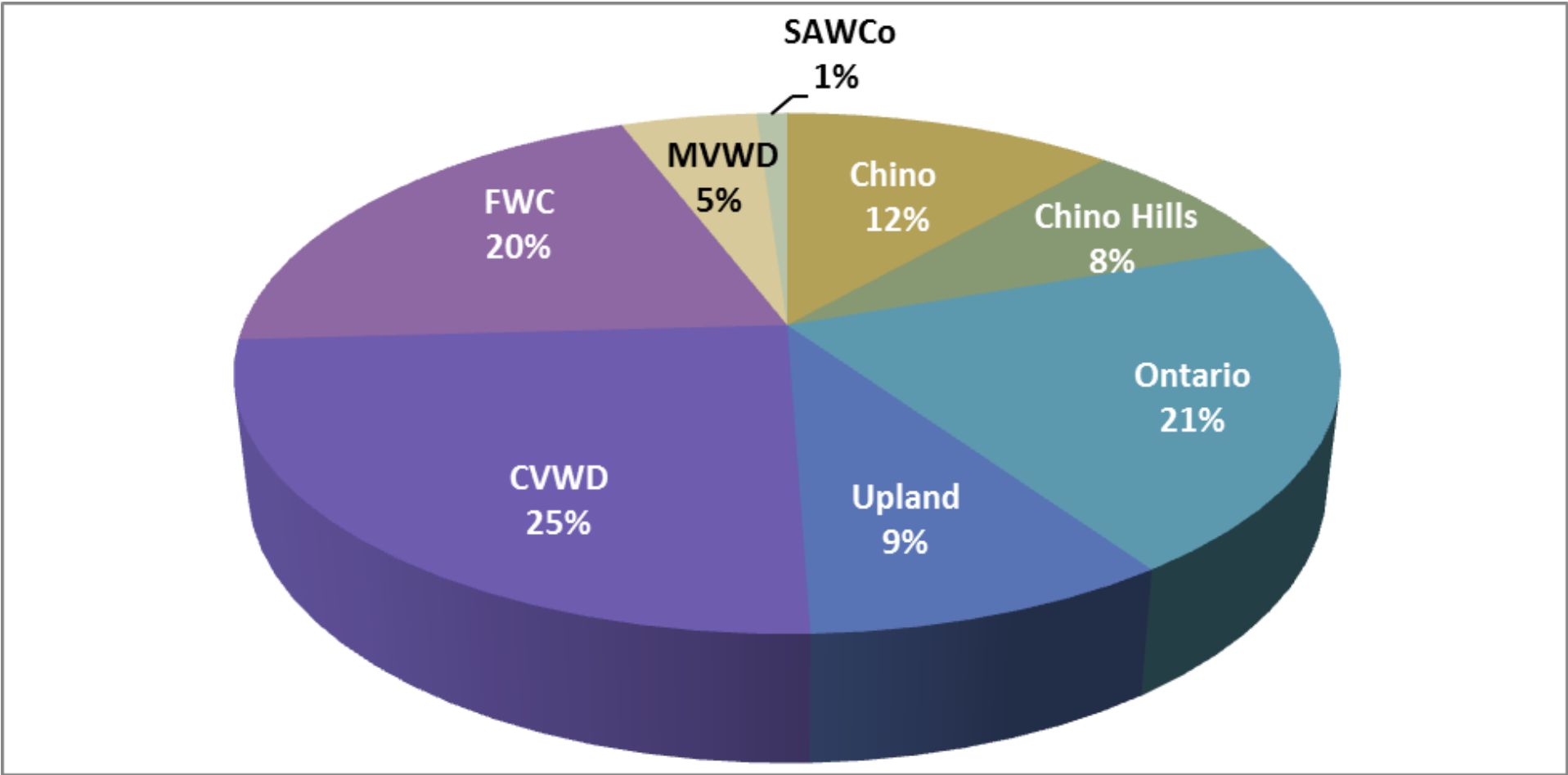
Total Water Resources Data from FY 14/15

Total IEUA Service Area Water Use For FY 14/15

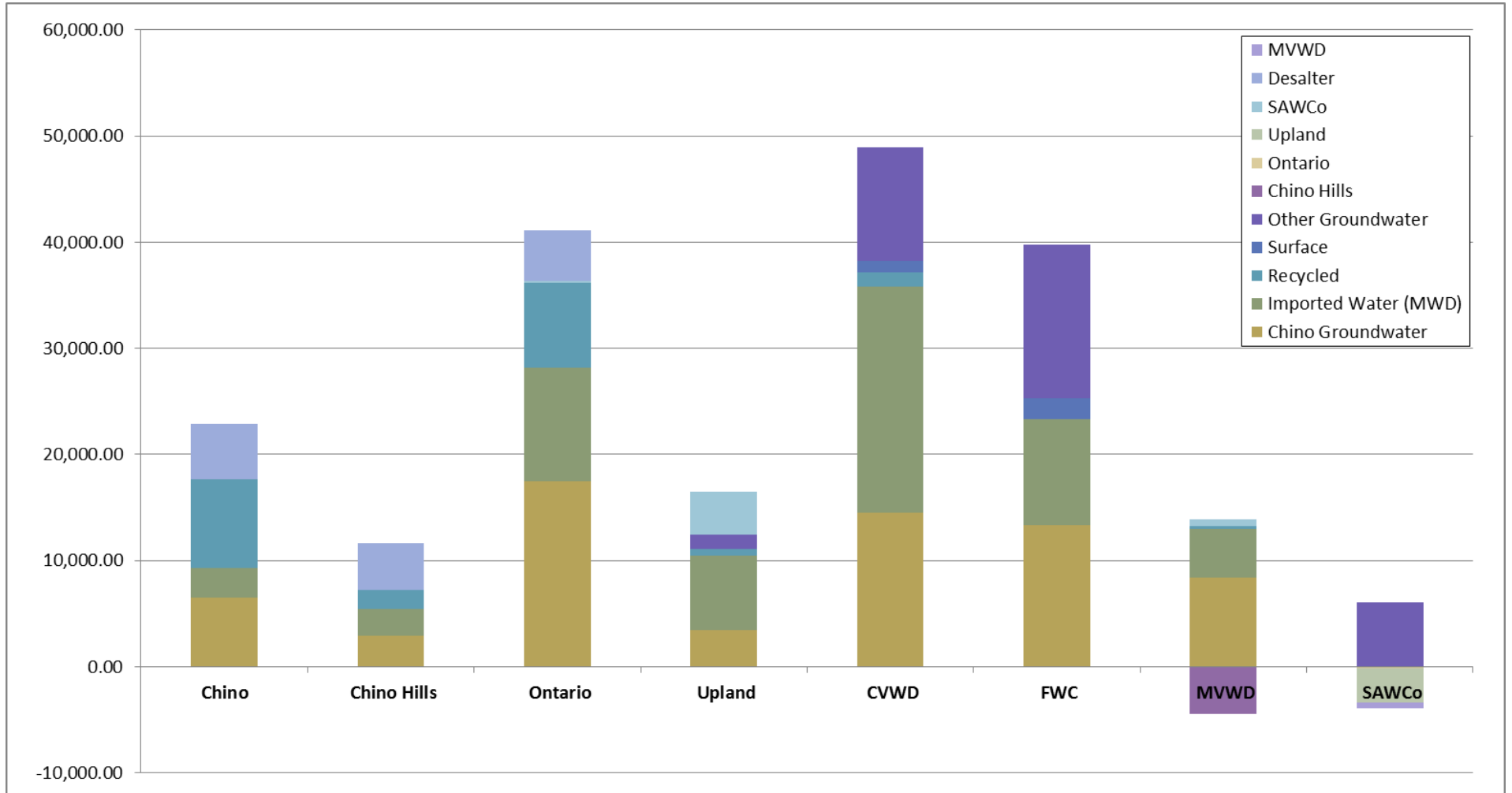
FY 14-15		Table 1. Total IEUA Service Area Water Use by Retail Agency for FY14-15(AF)								
		CHINO	CHINO HILLS	ONTARIO	UPLAND	CVWD	FWC	MVWD	SAWCo	Total
Purchases from IEUA	Imported Water (MWD)	2,830.30	2,494.30	10,703.30	7,048.00	21,305.67	9,993.92	4,530.20	0.00	58,905.69
	Recycled	8,323.97	1,827.08	8,018.15	636.34	1,400.50	0.00	307.73	0.00	20,513.77
Subtotal		11,154.27	4,321.38	18,721.45	7,684.34	22,706.17	9,993.92	4,837.93	0.00	79,419.46
Production	Chino Groundwater	6,497.47	2,904.10	17,425.60	3,416.43	14,489.70	13,344.25	8,407.18	0.00	66,484.73
	Local Surface Water	0.00	0.00	0.00	0.00	1,075.57	1,968.78	0.00	0.00	3,044.35
	Other Groundwater	0.00	0.00	0.00	1,291.38	10,631.02	14,499.60	0.00	6,090.95	32,512.95
Subtotal		6,497.47	2,904.10	17,425.60	4,707.81	26,196.29	29,812.62	8,407.18	6,090.95	102,042.03
Purchase from other agencies	CDA	5,231.95	4,425.99	4,827.45	0.00	0.00	0.00	0.00	0.00	14,485.39
	MVWD	0.00	4,435.68	0.00	0.00	0.00	0.00	0.00	0.00	4,435.68
	SAWCo Water	0.00	0.00	172.40	5,462.00	0.00	0.00	612.00	0.00	6,246.40
	West End	0.00	0.00	0.00	2,139.00	0.00	0.00	0.00	0.00	2,139.00
Subtotal		5,231.95	8,861.67	4,999.85	7,601.00	0.00	0.00	612.00	0.00	27,306.47
Sales to other agencies	Chino Hills	0.00	0.00	0.00	0.00	0.00	0.00	-4,438.57	0.00	-4,438.57
	MVWD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-612.00	-612.00
	Ontario	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-172.40	-172.40
	Upland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3,177.05	-3,177.05
Subtotal		0.00	0.00	0.00	0.00	0.00	0.00	-4,438.57	-3,961.45	-8,400.02
Total		22,883.69	16,087.15	41,146.90	19,993.15	48,902.46	39,806.54	9,418.54	2,129.50	200,367.93

Note: an additional 695 AF of RW was used for IEUA purposes, an additional 10,840 AF of RW was used for recharge, and additional 1,371 AF of RW was sold to San Bernardino County. All RW numbers in this report based off IEUA operations data.

Total IEUA Service Area Water Use For FY 14/15



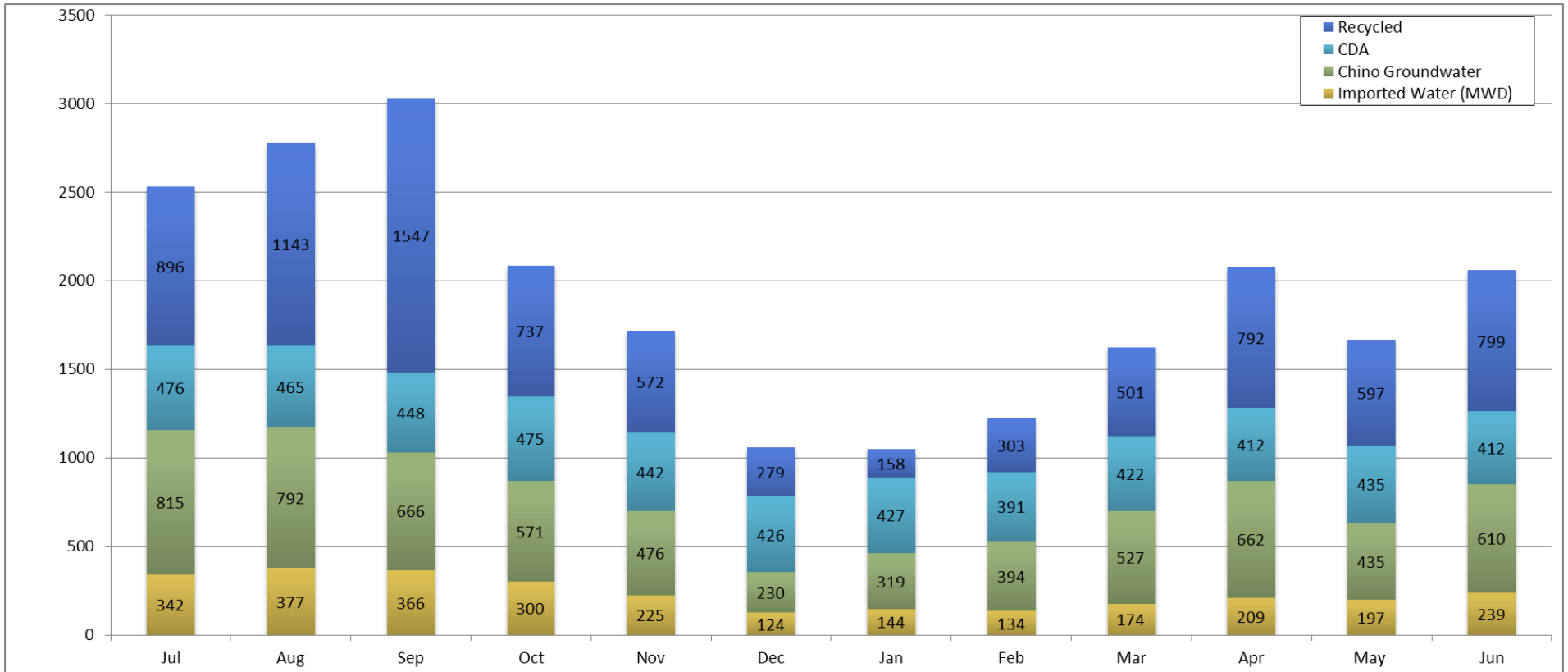
Total IEUA Service Area Water Use for FY14/15



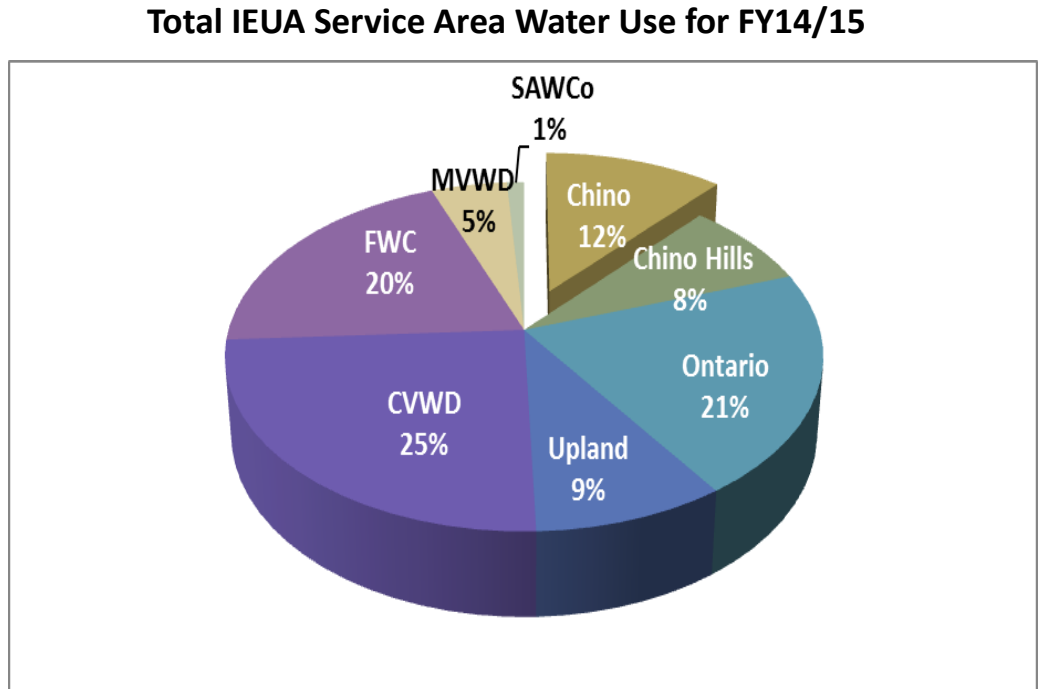
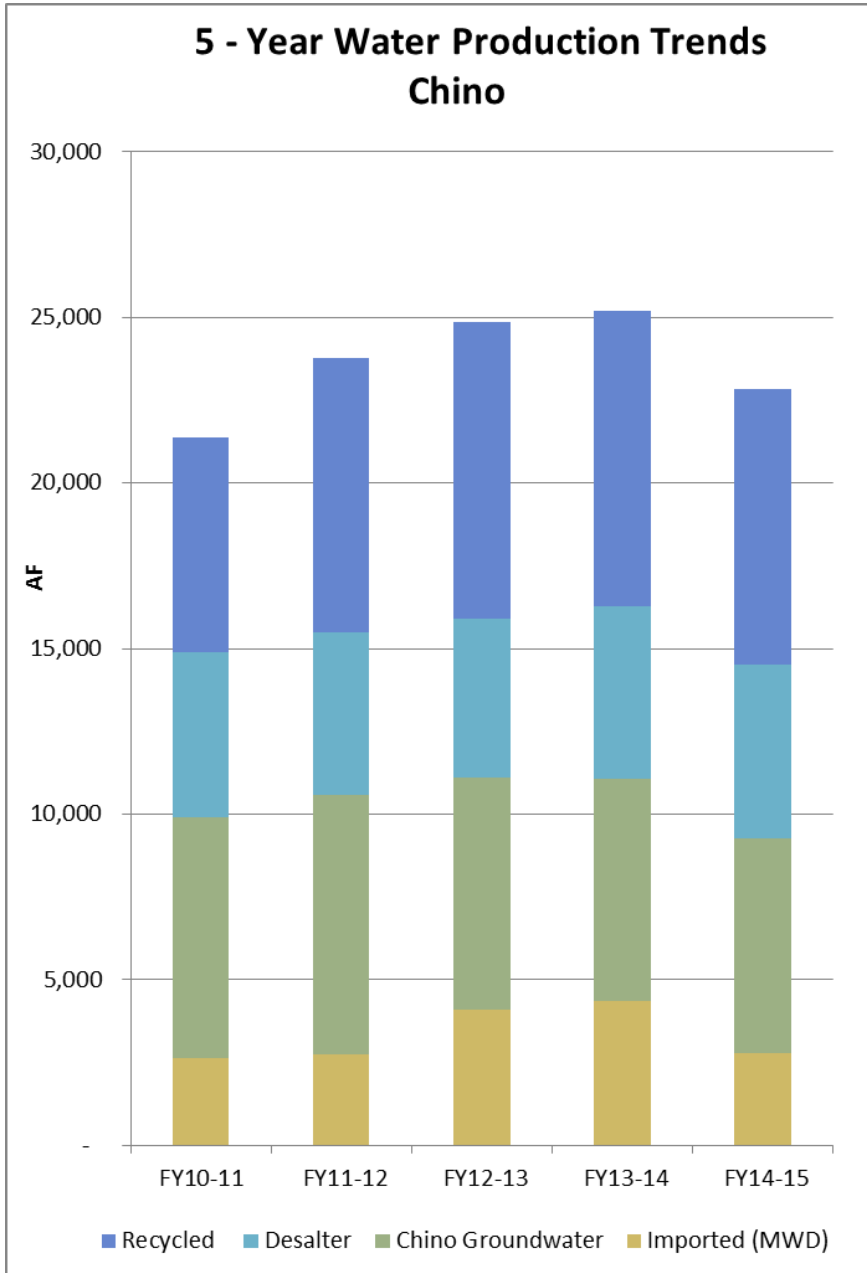
SECTION 2

Retail Water Use Data from FY 14/15 by Agency

City of Chino FY 2014-2015 Monthly Water Usage



City of Chino FY 2014-15 Water Use Report

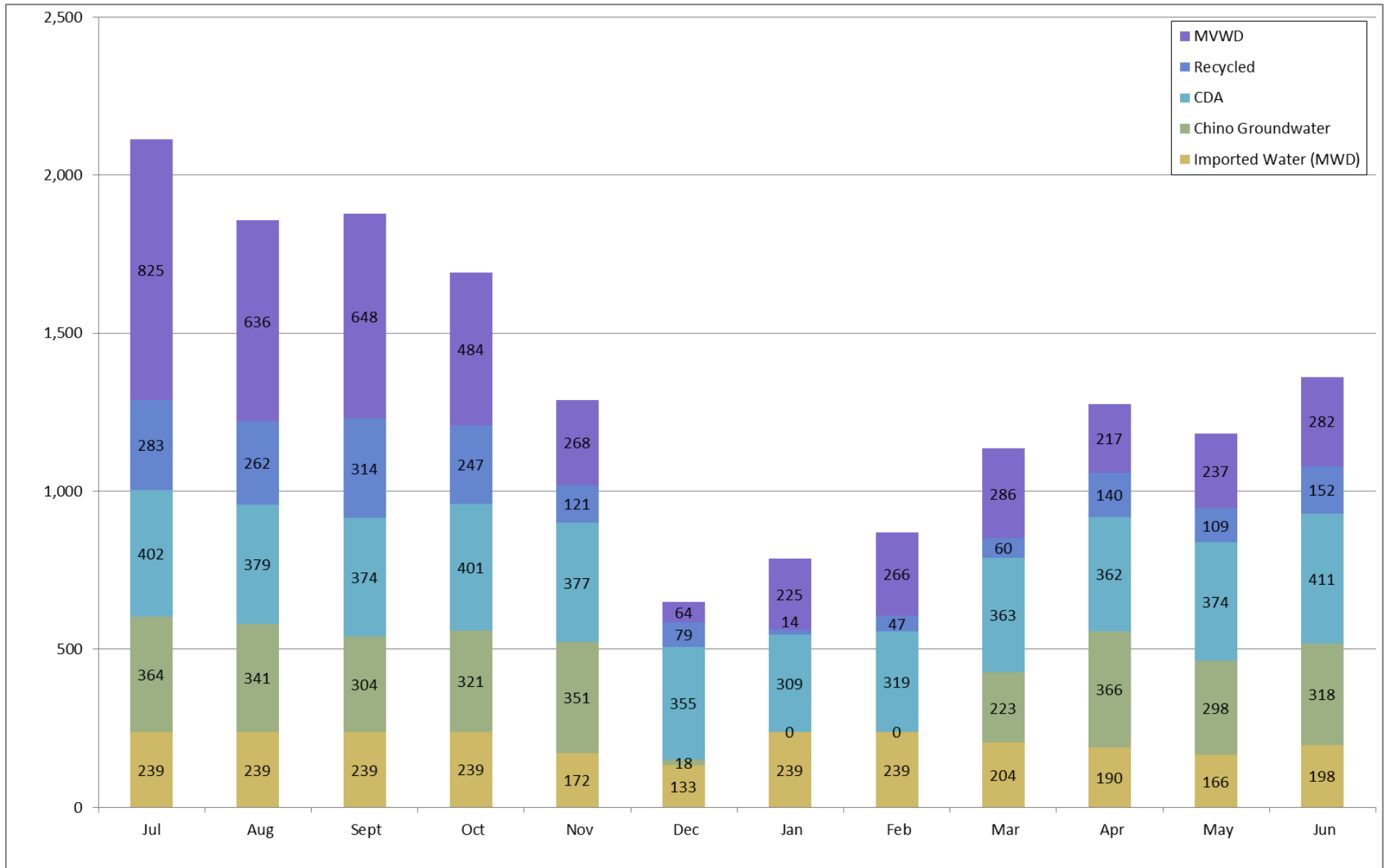


The City of Chino used 12% (22,884 AF) of 200,367 AF used in the IEUA service area.

City of Chino FY 2014-2015 Monthly Water Usage

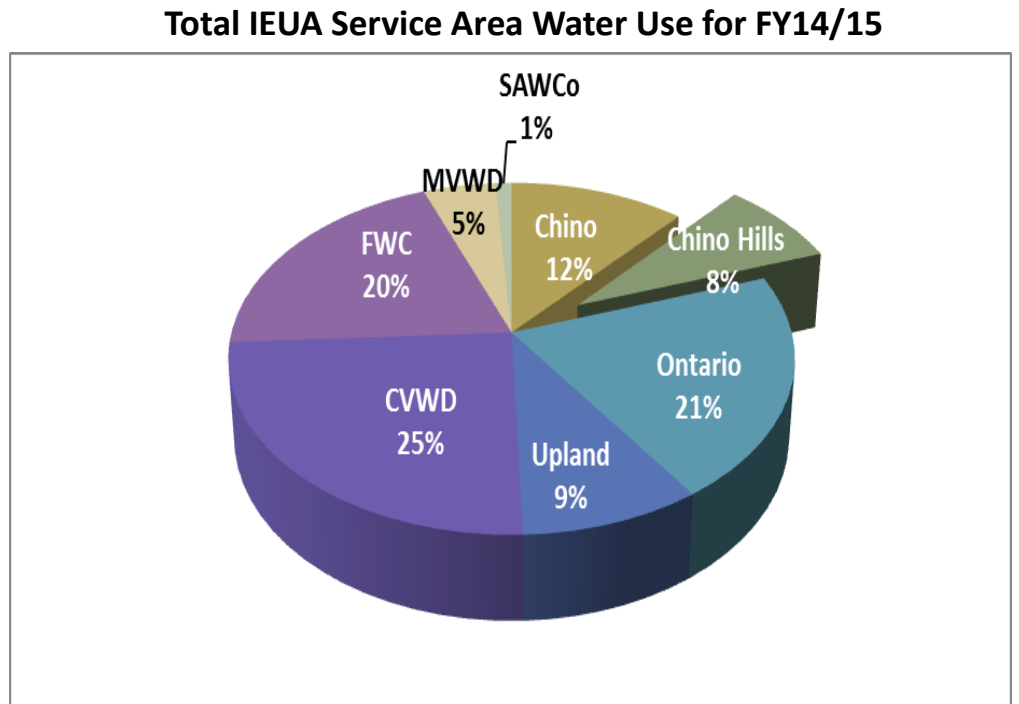
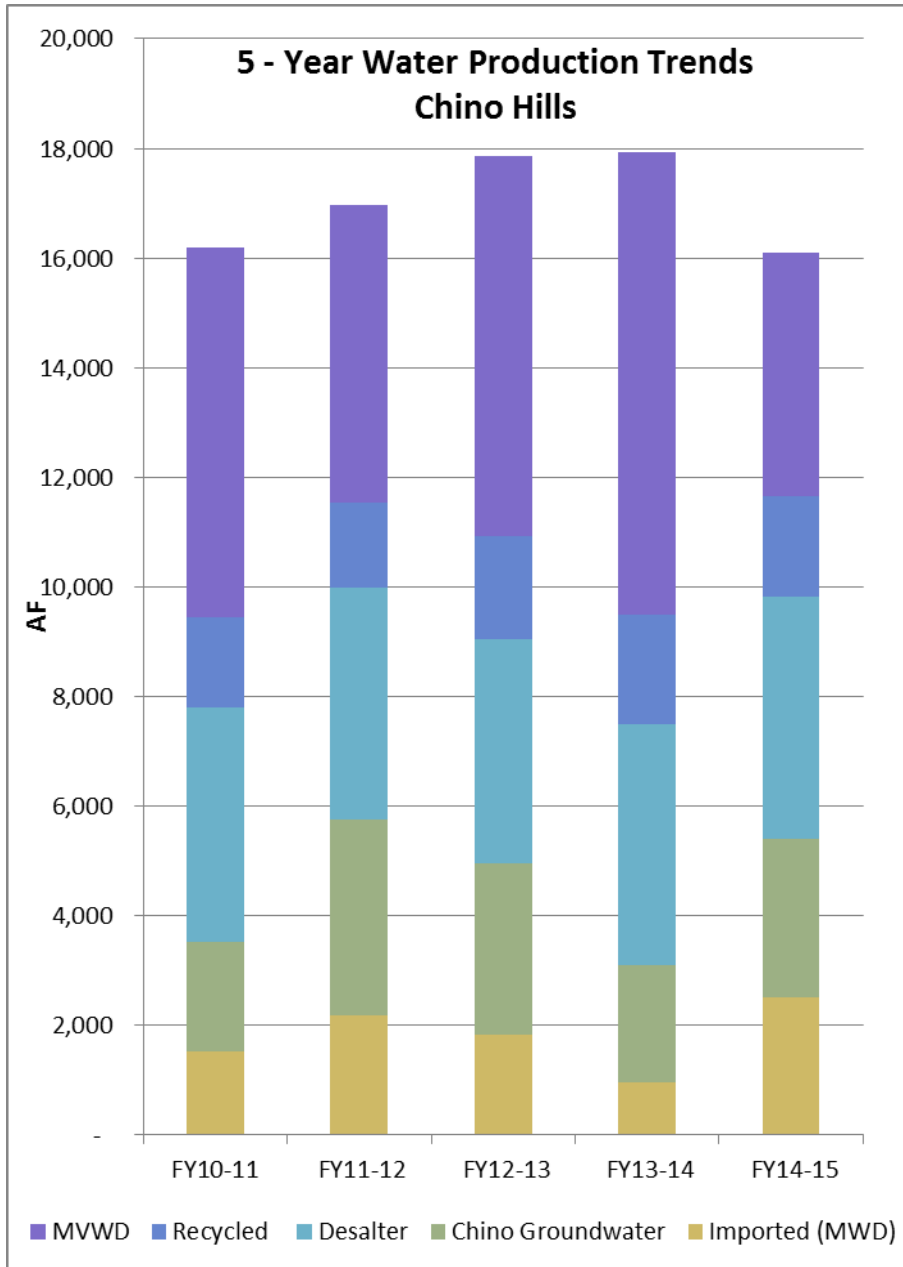
		Table 1. Total IEUA Service Area Water Use by Retail Agency for FY 2014-2015 (AF)												
		Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Chino - Total
Purchases from IEUA	Imported Water (MWD)	342	377	366	300	225	124	144	134	174	209	197	239	2,830
	Recycled	896	1,143	1,547	737	572	279	158	303	501	792	597	799	8,324
Subtotal		342	377	366	254	225	124	144	134	174	209	197	239	11,154
Production	Chino Groundwater	815	792	666	571	476	230	319	394	527	662	435	610	6,497
Subtotal		815	792	666	571	476	230	319	394	527	662	435	610	6,497
Purchase from other agencies	CDA	476	465	448	475	442	426	427	391	422	412	435	412	5,232
Subtotal		476	465	448	475	442	426	427	391	422	412	435	412	5,232
Total		1,633	1,635	1,479	1,300	1,143	781	890	919	1,123	1,283	1,067	1,261	22,884

City of Chino Hills FY 2014-2015 Monthly Water Usage



City of Chino Hills

FY 2014-15 Water Use Report

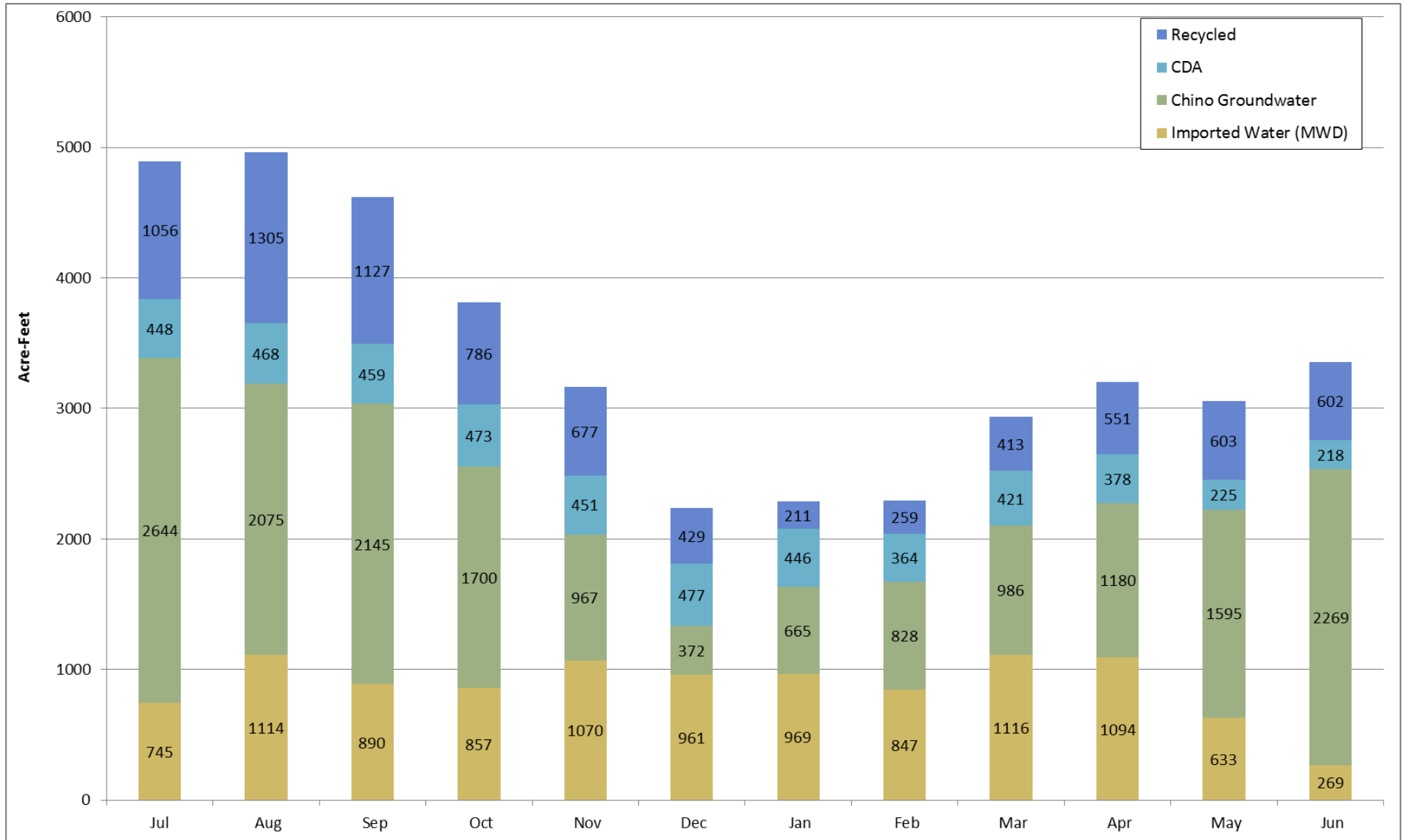


The City of Chino Hills used 8% (16,088 AF) of 200,367 AF used in the IEUA service area.

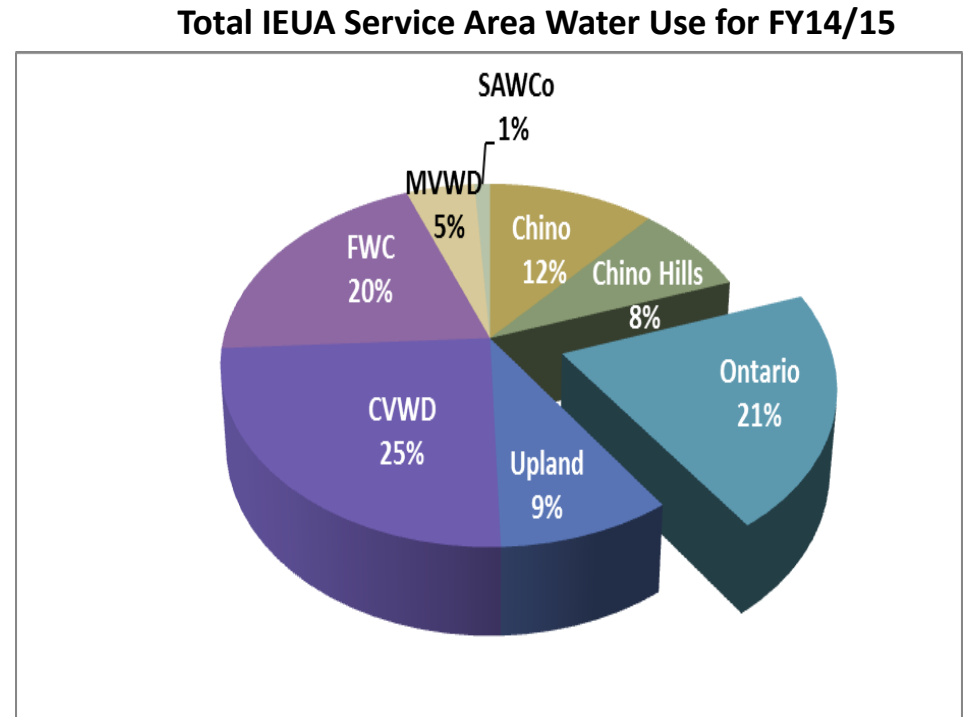
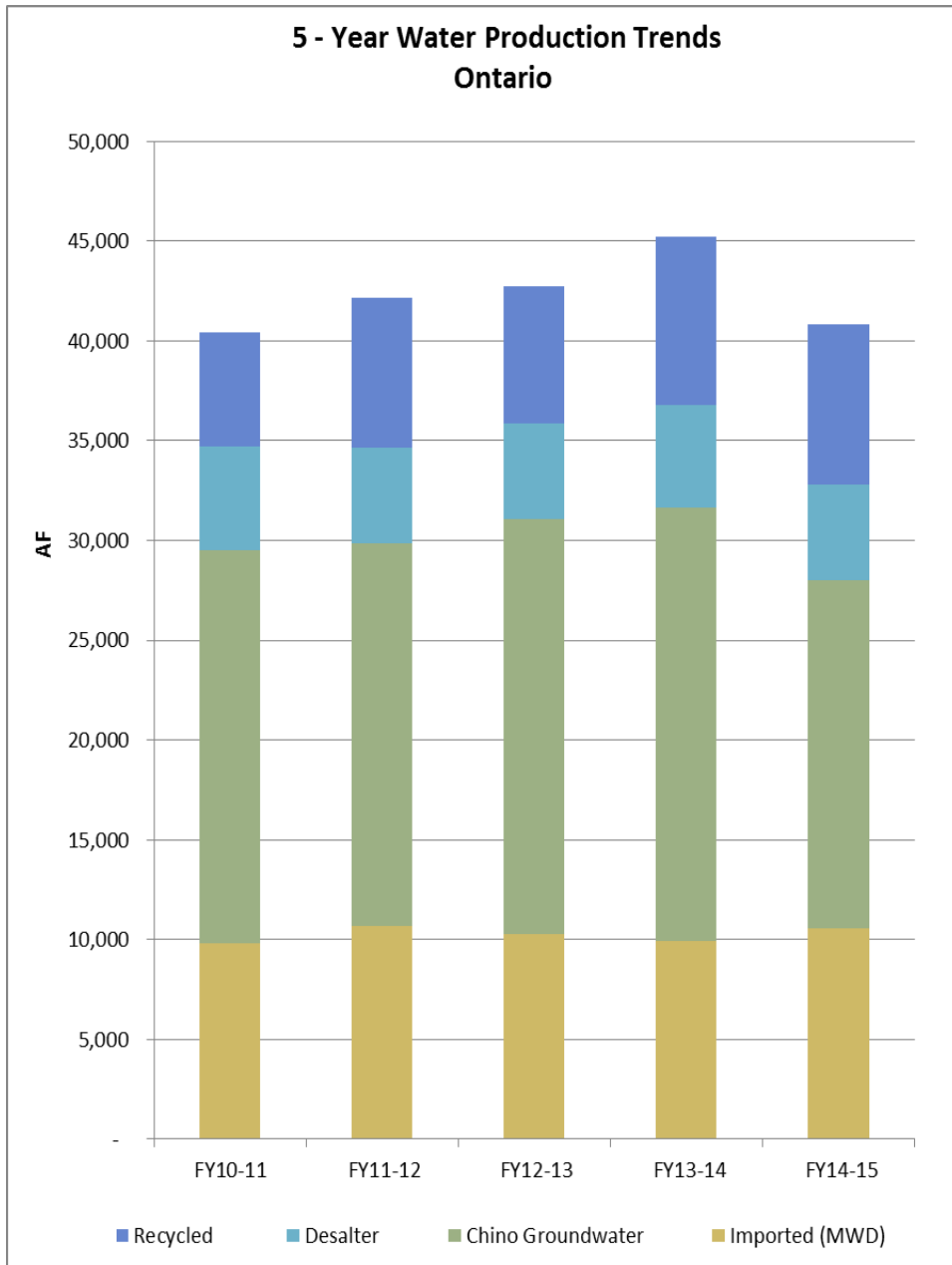
City of Chino Hills FY 2014-2015 Monthly Water Usage

		Table 1. Total IEUA Service Area Water Use by Retail Agency for FY 2014-2015 (AF)												
		Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Chino Hills -Total
Purchases from IEUA	Imported Water (MWD)	239	239	239	239	172	133	239	239	204	190	166	198	2,495
	Recycled	283	262	314	247	121	79	14	47	60	140	109	152	1,827
Subtotal		239	239	239	0	172	133	239	239	204	190	166	198	4,322
Production	Chino Groundwater	364	341	304	321	351	18	0	0	223	366	298	318	2,904
Subtotal		364	341	304	321	351	18	0	0	223	366	298	318	2,904
Purchase from other agencies	CDA	402	379	374	401	377	355	309	319	363	362	374	411	4,426
	MVWD	825	636	648	484	268	64	225	266	286	217	237	282	4,436
Subtotal		1,226	1,015	1,022	885	645	419	534	585	648	579	611	693	8,862
Total		1,829	1,595	1,564	1,206	1,168	570	773	823	1,075	1,135	1,075	1,210	16,088

City of Ontario FY 2014-2015 Monthly Water Usage



City of Ontario FY 2014/15 Water Use Report

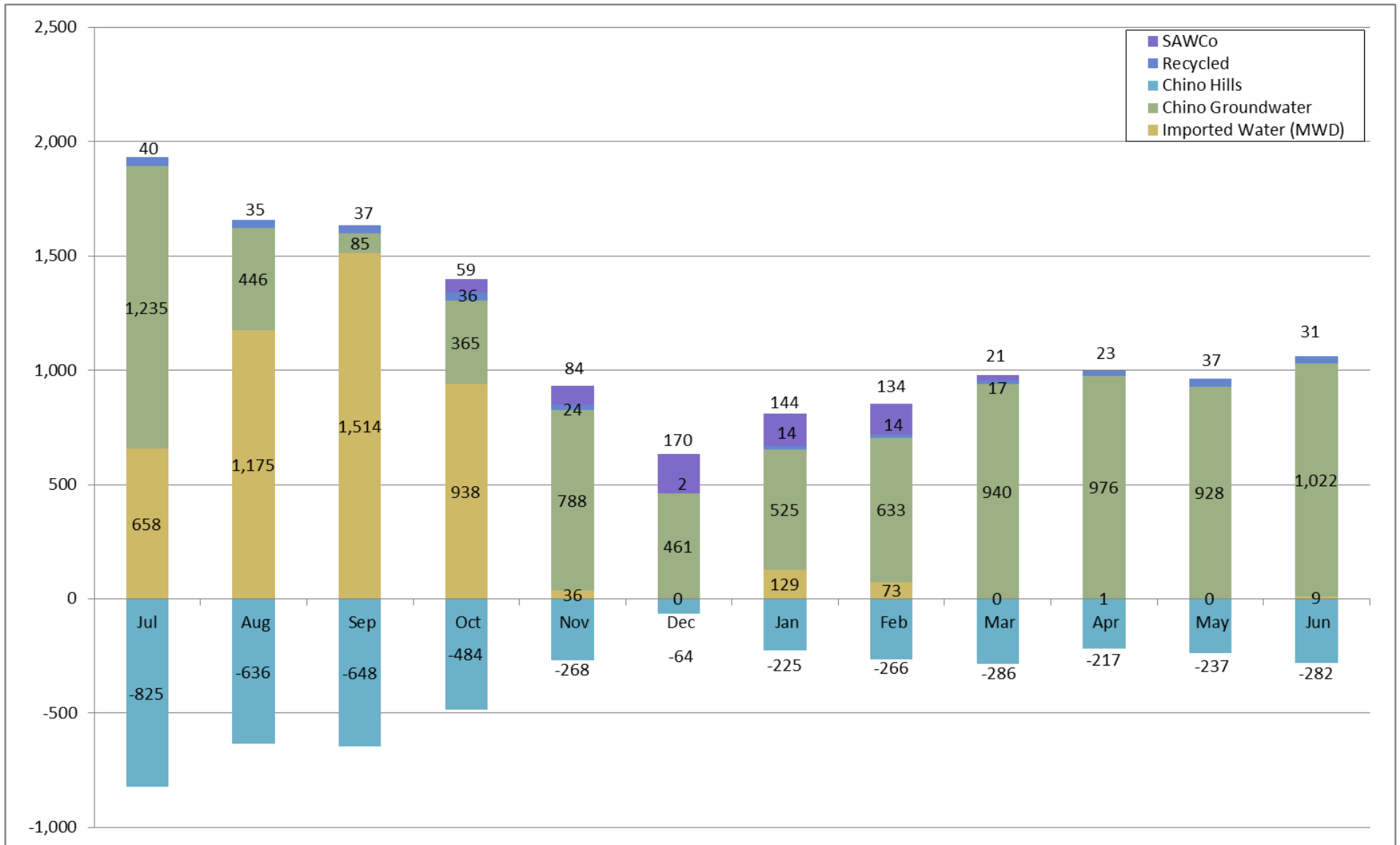


The City of Ontario used 21% (41,148 AF) of 200,367 AF used in the IEUA service area.

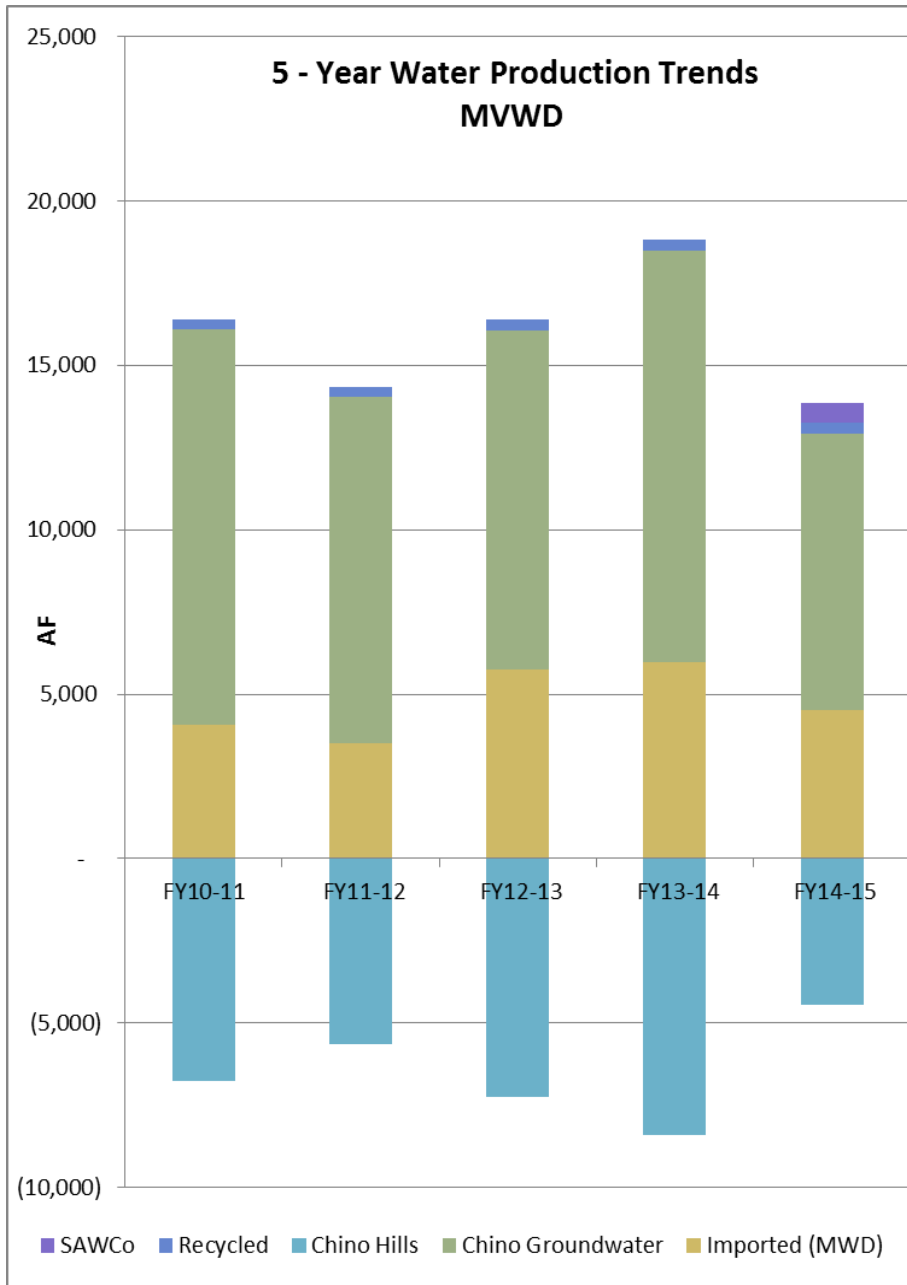
City of Ontario FY 2014-2015 Monthly Water Usage

		Table 1. IEUA Service Area Water Use by Retail Agency for FY 2014-2015 (AF)												
		Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Ontario-Total
Purchases from IEUA	Imported Water (MWD)	745	1,114	890	996	1,070	961	969	847	1,116	1,094	633	269	10,703
	Recycled	1,056	1,305	1,127	786	677	429	211	259	413	551	603	602	8,019
Subtotal		745	1,114	890	857	1,070	961	969	847	1,116	1,094	633	269	18,722
Production	Chino Groundwater	2,644	2,075	2,145	1,700	967	372	665	828	986	1,180	1,595	2,269	17,426
	Subtotal	2,644	2,075	2,145	1,700	967	372	665	828	986	1,180	1,595	2,269	17,426
Purchase from other agencies	CDA	448	468	459	473	451	477	446	364	421	378	225	218	4,827
	SAWCo Water	0	0	0	0	0	0	0	0	0	46	60	66	172
Subtotal		448	468	459	473	451	477	446	364	421	424	285	284	5,000
Total		3,838	3,657	3,494	3,030	2,488	1,809	2,080	2,039	2,523	2,698	2,513	2,822	41,148

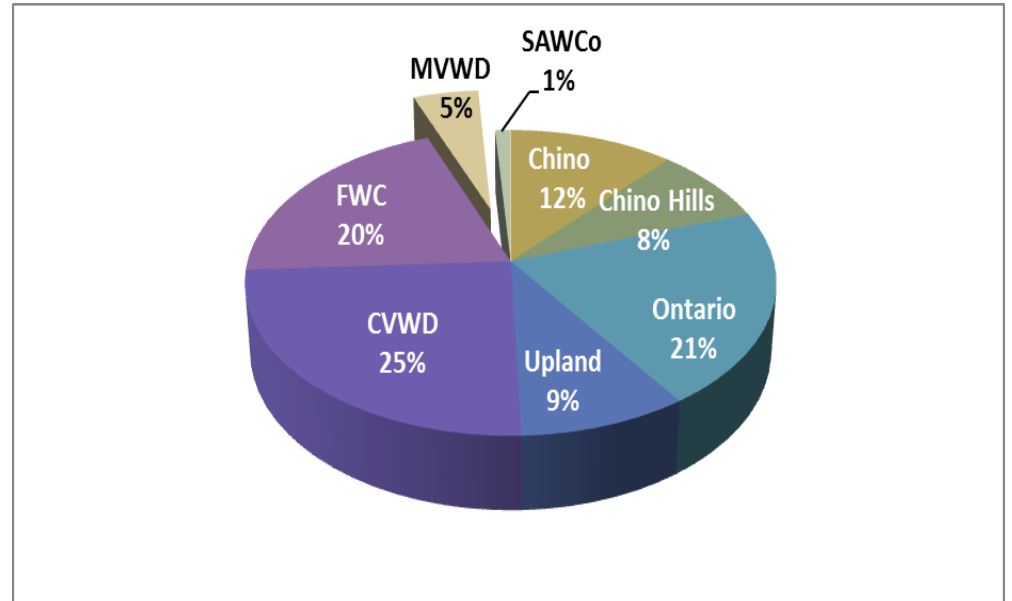
Monte Vista Water District FY 2014-2015 Monthly Water Usage



Monte Vista Water District FY 2014/15 Water Use Report



Total IEUA Service Area Water Use for FY14/15

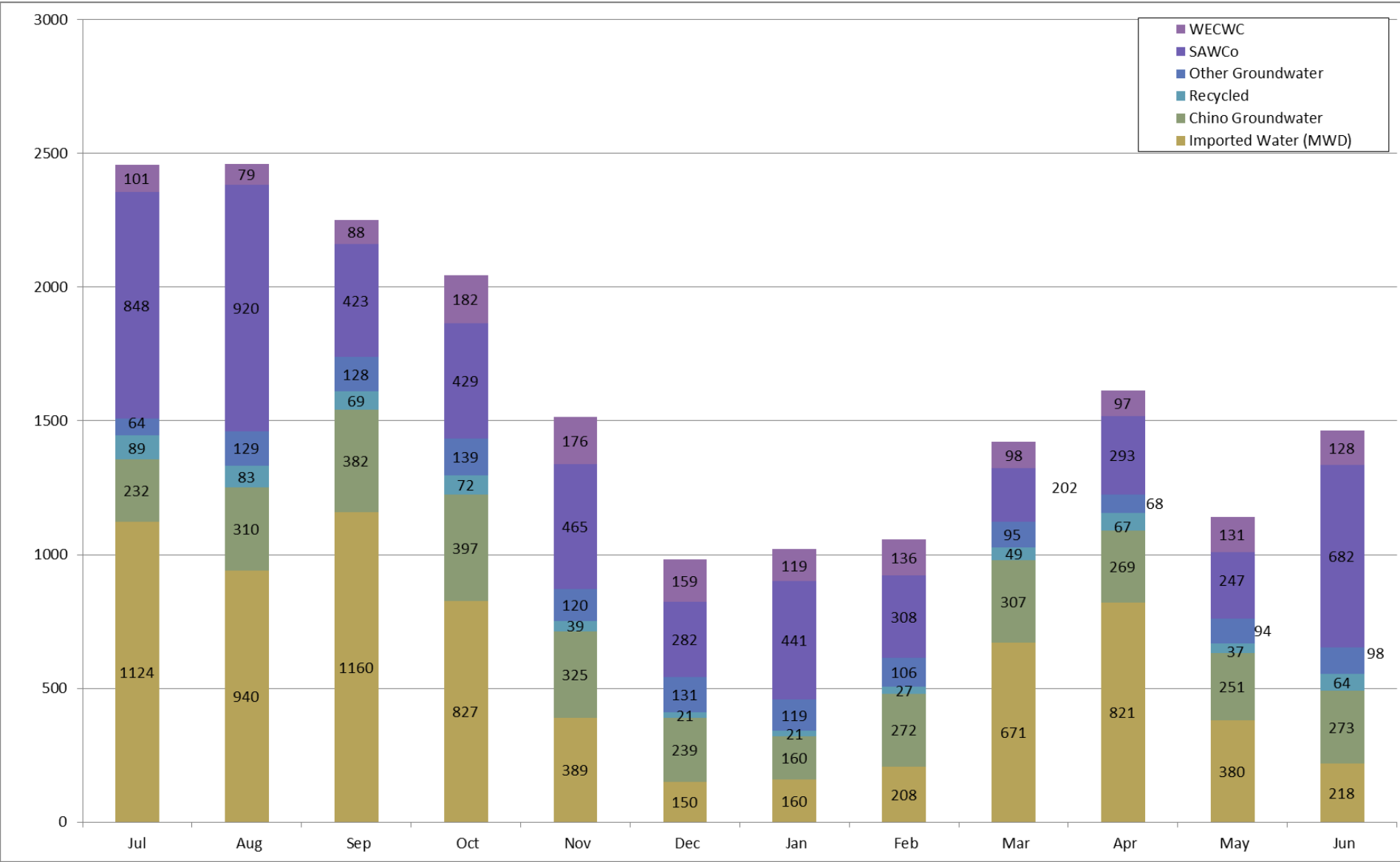


MVWD used 5% (9,420 AF) of 200,367 AF used in the IEUA service area.

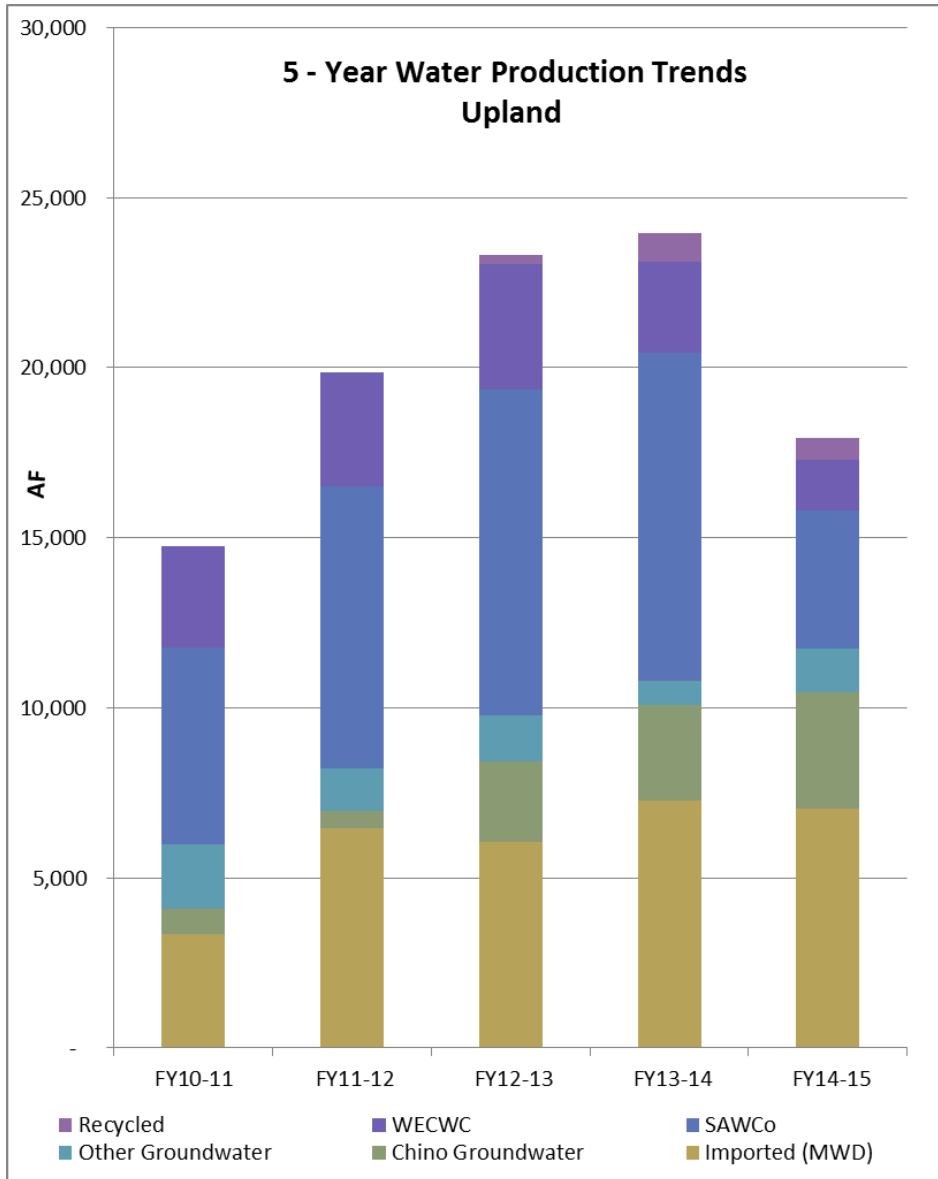
Monte Vista Water District FY 2014-2015 Monthly Water Usage

		Table 1. Total IEUA Service Area Water Use by Retail Agency for FY 2014-2015 (AF)												
		Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total-MVWD
Purchases from IEUA	Imported Water (MWD)	658	1,175	1,514	938	38	0	129	73	0	1	0	9	4,530
	Recycled	40	35	37	36	24	2	14	14	17	23	37	31	308
Subtotal		697	1,210	1,550	974	59	2	143	88	17	24	37	39	4,838
Production	Chino Groundwater	1,235	448	85	385	790	481	525	633	940	976	928	1,022	8,407
	Subtotal	1,235	448	85	385	790	481	525	633	940	976	928	1,022	8,407
Purchase from other agencies	SAWCo Water	0	0	0	59	84	170	144	134	21	0	0	0	612
	Subtotal	0	0	0	59	84	170	144	134	21	0	0	0	612
Sales to other agencies	Chino Hills	-825	-638	-648	-484	-270	-84	-225	-268	-288	-217	-237	-282	-4,439
	Subtotal	-825	-638	-648	-484	-270	-84	-225	-268	-288	-217	-237	-282	-4,439
Total		1,068	985	951	776	556	397	429	440	654	759	691	749	9,419

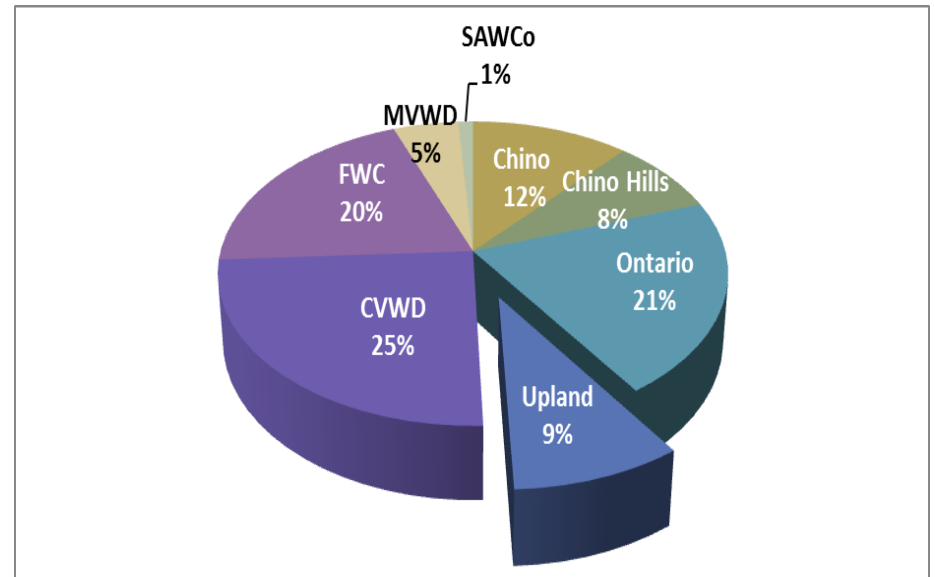
City of Upland FY 2014-2015 Monthly Water Usage



City of Upland FY 2014/15 Water Use Report



Total IEUA Service Area Water Use for FY14/15

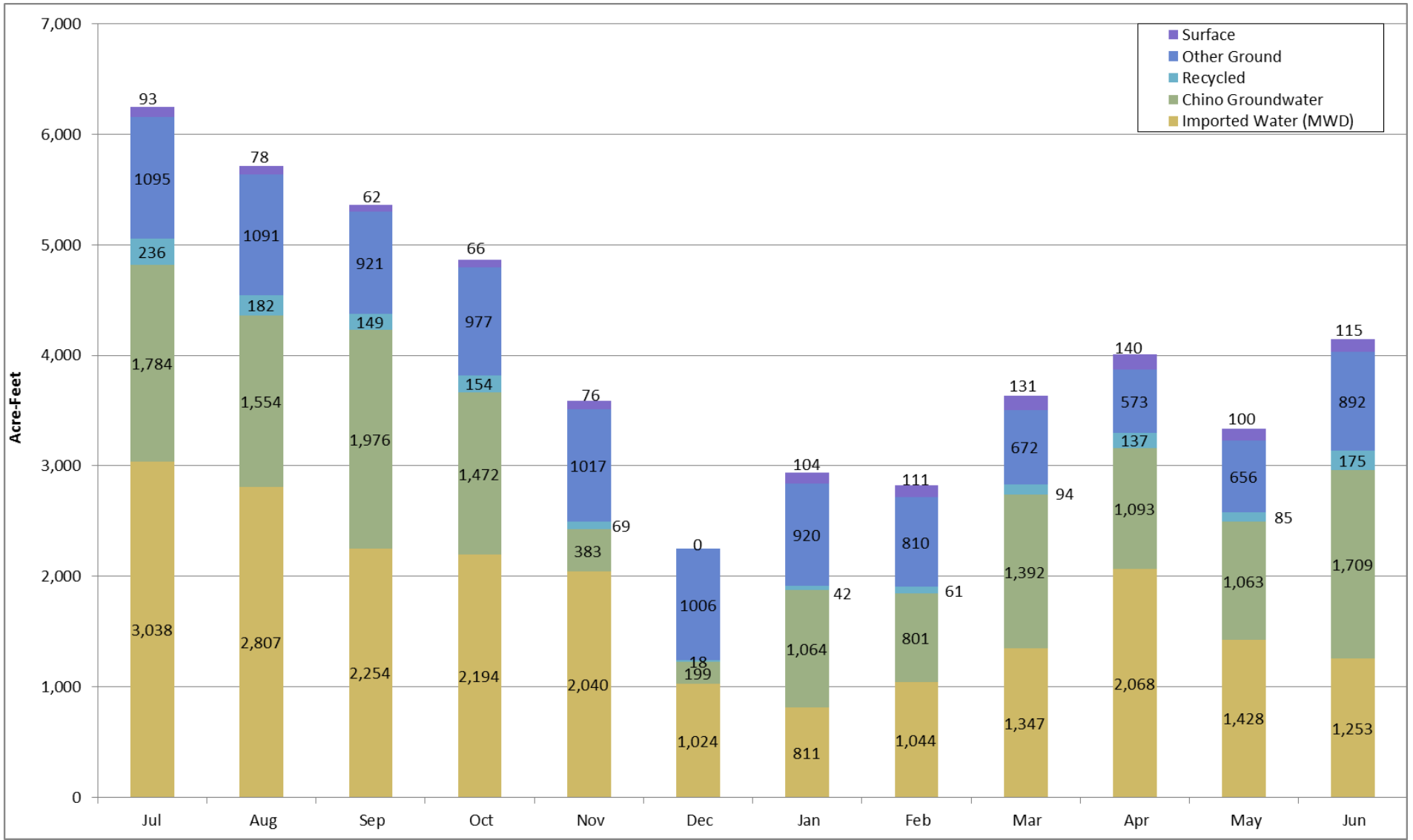


The City of Upland used 9% (19,425 AF) of 200,367 AF used in the IEUA service area.

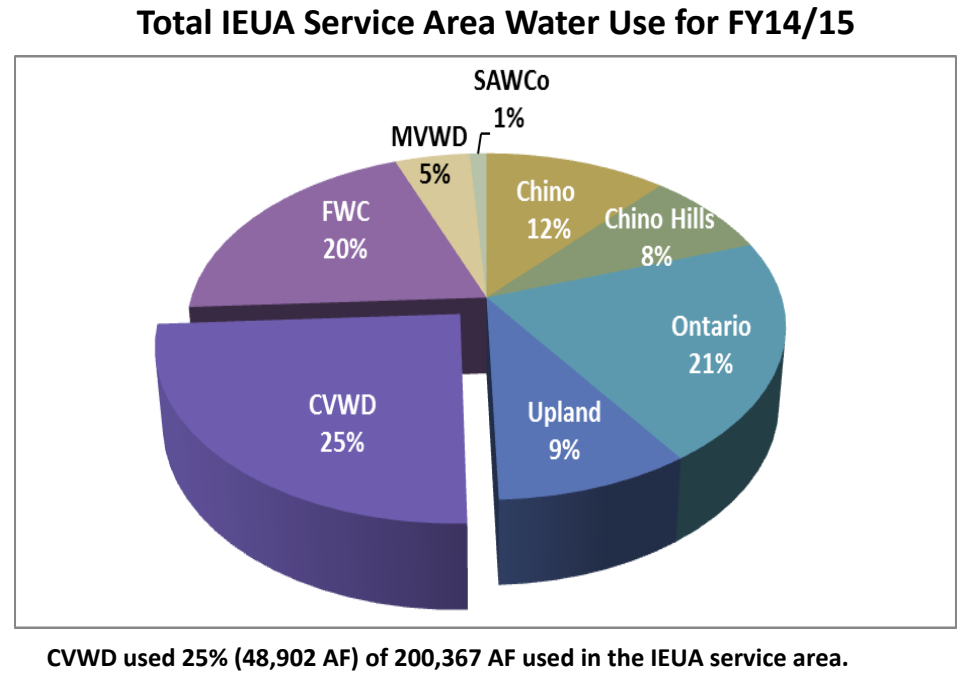
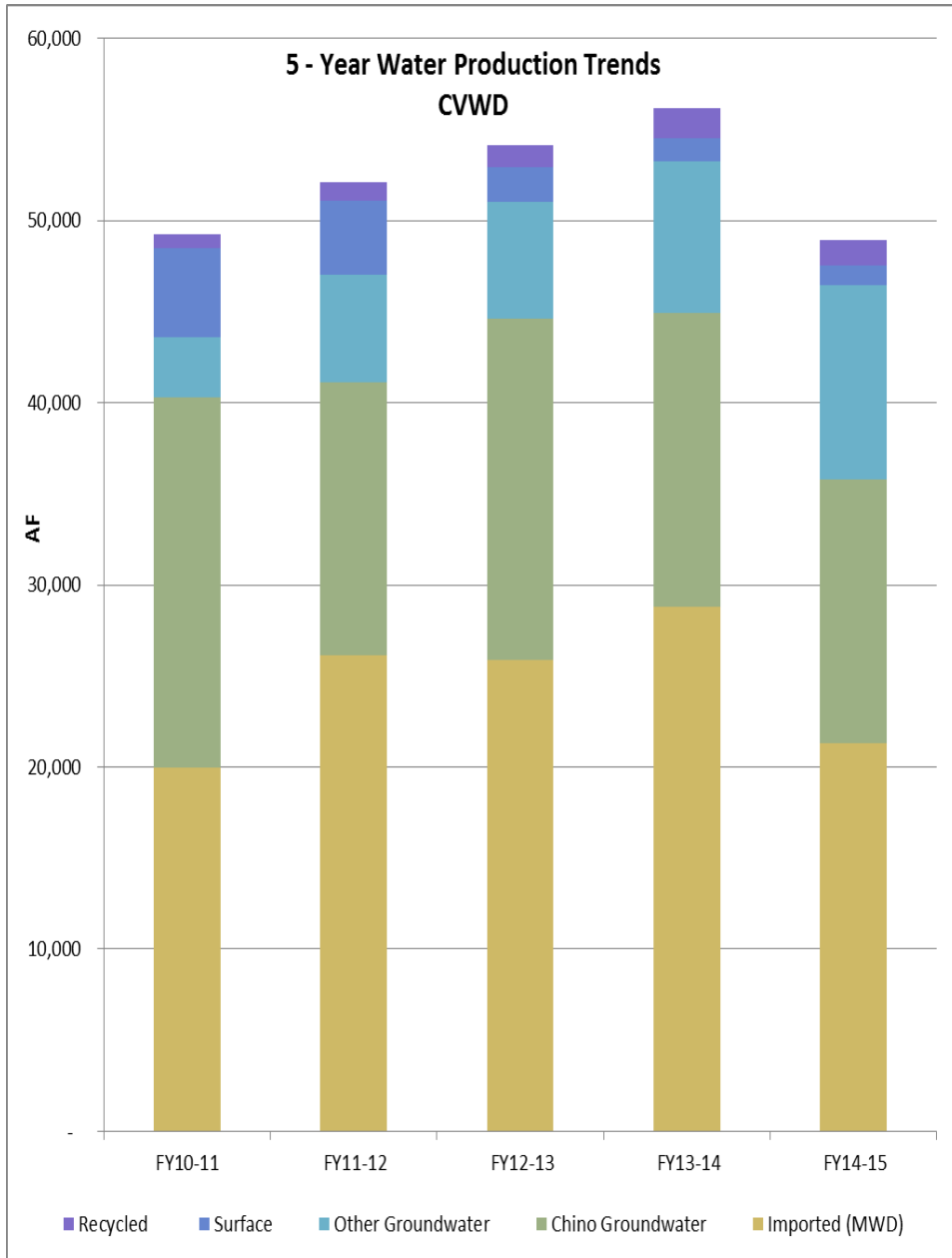
City of Upland FY 2014-2015 Monthly Water Usage

		Table 1. IEUA Service Area Water Use by Agency for FY14-15 (AF)												
		Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Upland-Total
Purchases from IEUA	Imported Water (MWD)	1,124	940	1,160	827	389	150	160	208	671	821	380	218	7,047
	Recycled	89	83	69	72	39	21	21	27	49	67	37	64	636
Subtotal		1,213	940	1,160	830	389	150	160	208	671	890	474	317	7,684
Production	Chino Groundwater	232	310	382	397	325	239	160	272	307	269	251	273	3,416
	Other Groundwater	64	129	128	139	120	131	119	106	95	68	94	98	1,290
Subtotal		295	440	510	536	444	371	279	378	402	337	345	371	4,707
Purchase from other agencies	SAWCo Water	848	920	423	429	465	282	441	308	202	293	247	682	5,540
	West End	101	79	88	182	176	159	119	136	98	97	131	128	1,494
Subtotal		949	999	511	611	641	441	560	444	300	390	378	810	7,035
Total		2,458	2,379	2,180	1,977	1,474	961	999	1,030	1,374	1,617	1,197	1,497	19,425

Cucamonga Valley Water District FY 2014-2015 Monthly Water Usage



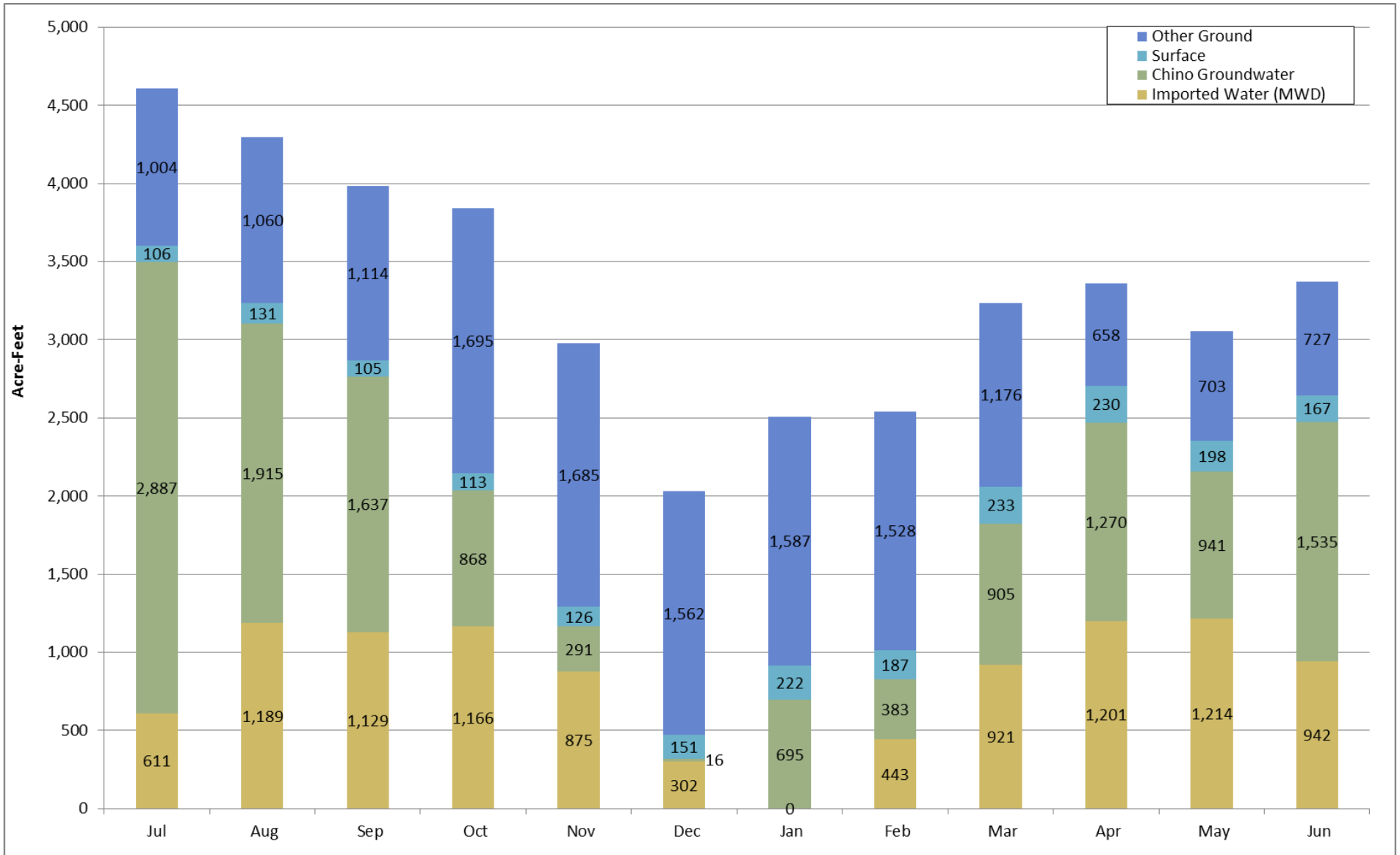
Cucamonga Valley Water District FY 2014/15 Water Use Report



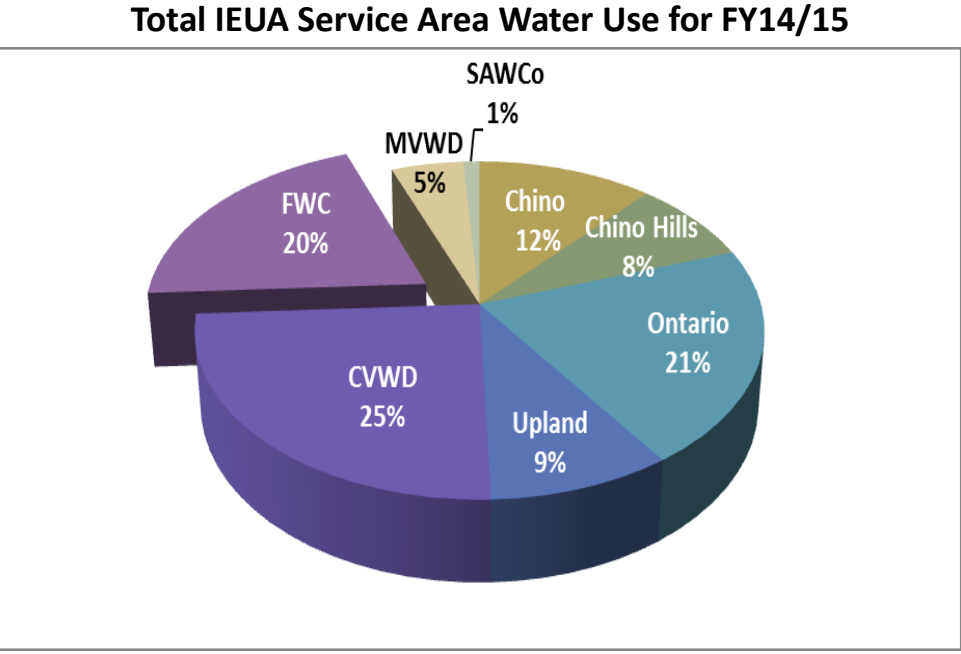
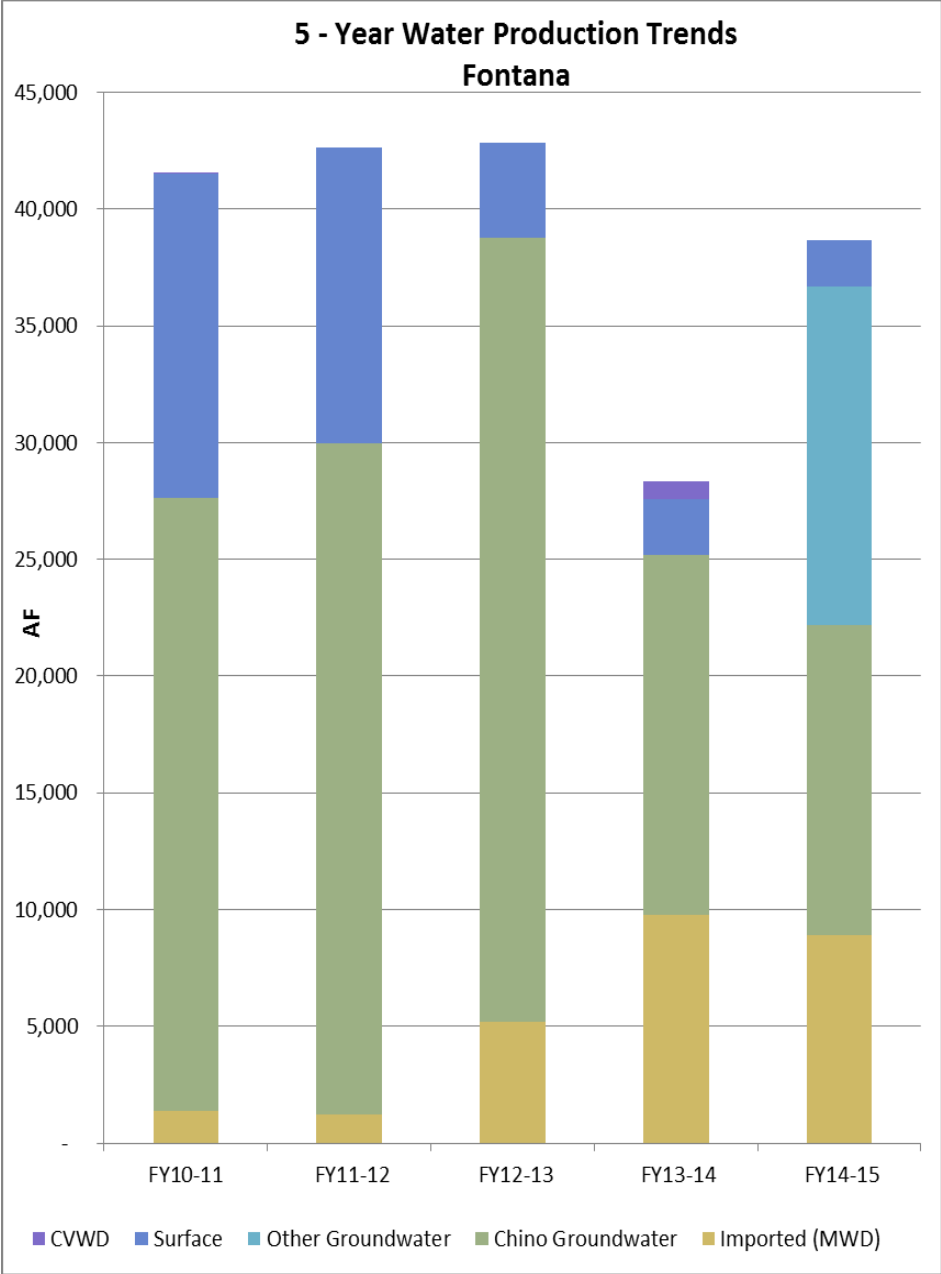
Cucamonga Valley Water District FY 2014-2015 Monthly Water Usage

		Table 1. IEUA Service Area Water Use by Agency for FY14-15 (AF)												CVWD -Total
		Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	
Purchases from IEUA	Imported Water (MWD)	3,038	2,807	2,254	2,194	2,040	1,024	811	1,044	1,347	2,068	1,428	1,253	21,306
	Recycled	236	182	149	154	69	18	42	61	94	137	85	175	1,401
Subtotal		3,274	2,988	2,402	2,348	2,110	1,041	852	1,105	1,440	2,204	1,513	1,428	22,706
Production	Chino Groundwater	1,784	1,554	1,976	1,472	383	199	1,064	801	1,392	1,093	1,063	1,709	14,490
	Local Surface Water	93	78	62	66	76	0	104	111	131	140	100	115	1,076
	Other Groundwater	1,095	1,091	921	977	1,017	1,006	920	810	672	573	656	892	10,631
Subtotal		2,972	2,723	2,958	2,515	1,476	1,206	2,088	1,722	2,195	1,806	1,819	2,716	26,196
Total		6,246	5,711	5,361	4,863	3,586	2,247	2,940	2,827	3,635	4,010	3,332	4,144	48,902

Fontana Water Company FY 2014-2015 Monthly Water Usage



Fontana Water Company FY 2014/15 Water Use Report



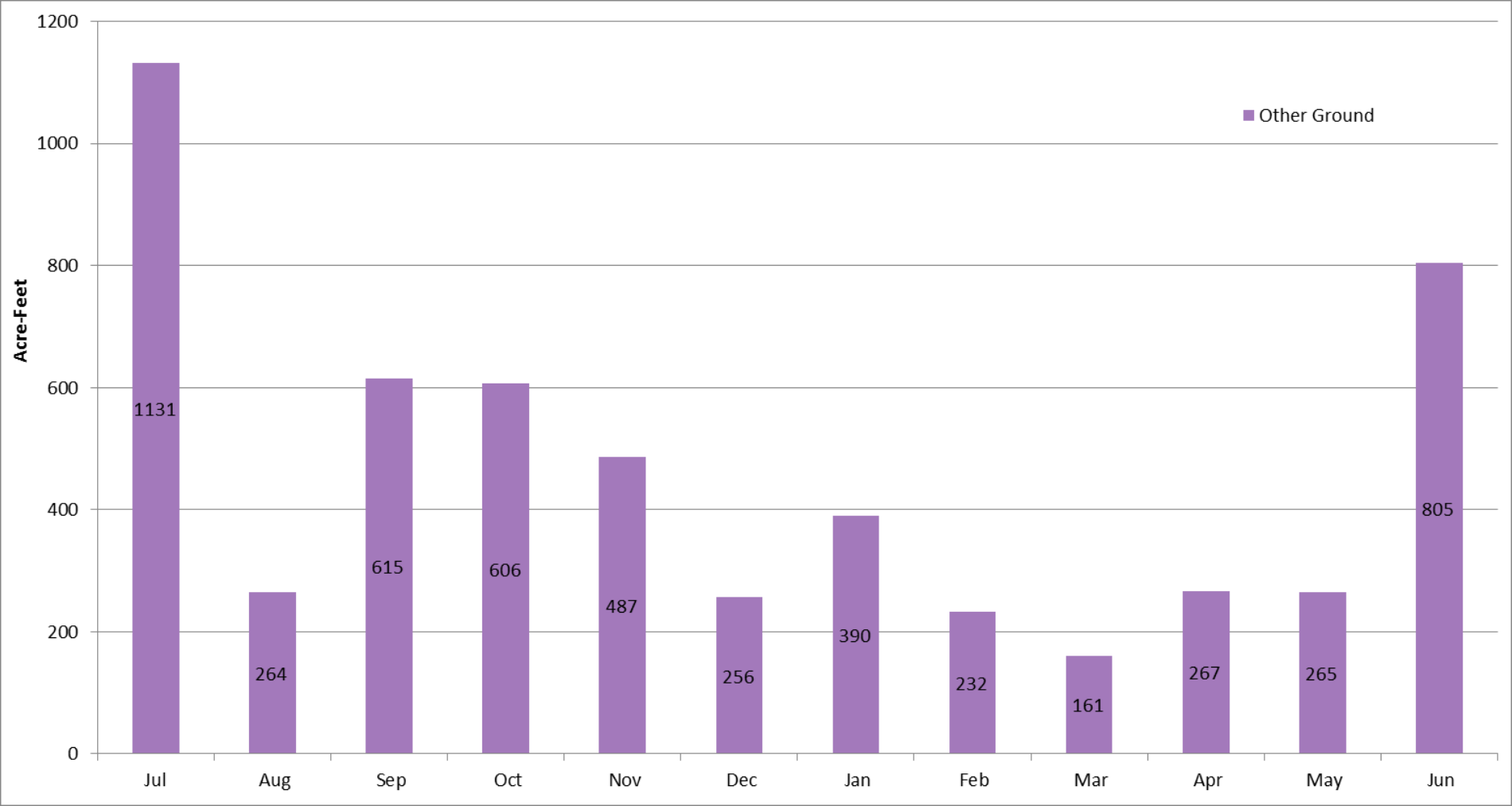
Fontana used 20% (39,807 AF) of 200,367 AF used in the IEUA service area.

Fontana Water Company FY 2014-2015 Monthly Water Usage

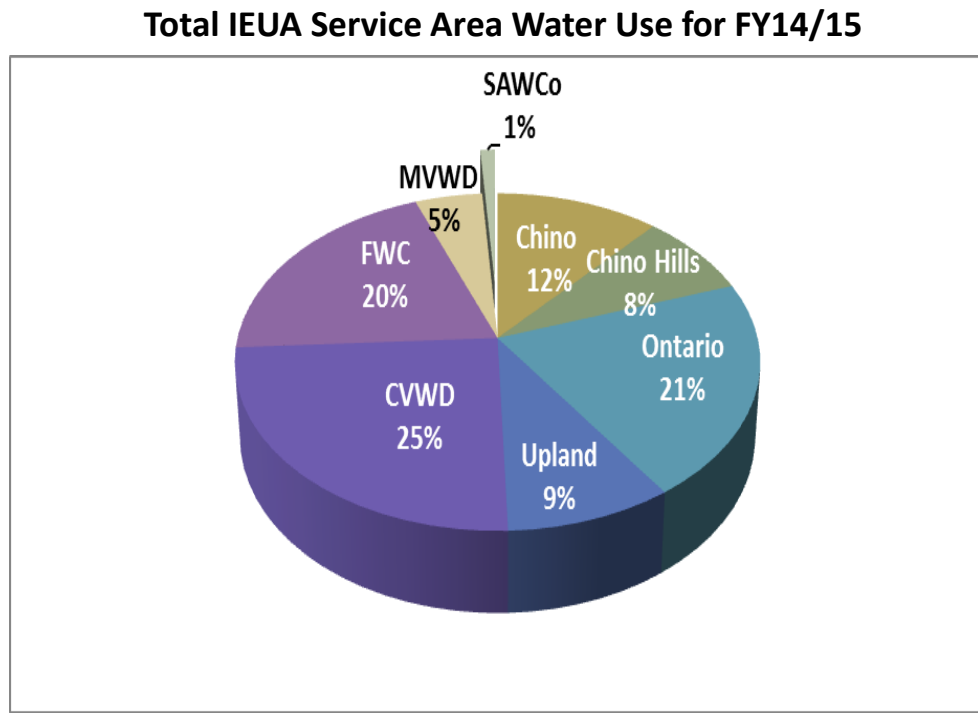
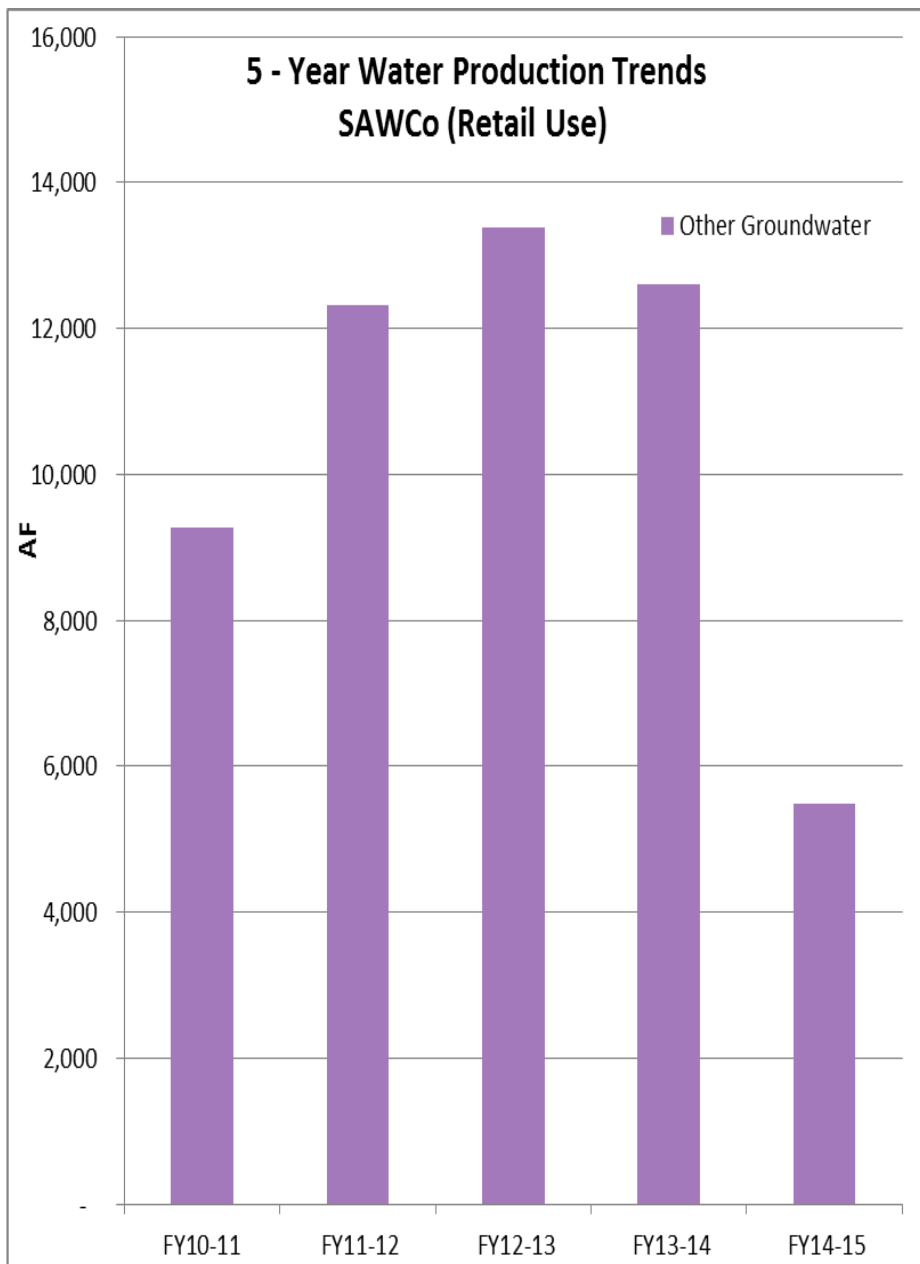
		Table 1. IEUA Service Area Water Use by Agency for FY14-15 (AF)												
		Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	FWC-Total
Purchases from IEUA	Imported Water (MWD)	611	1,189	1,129	1,166	875	302	0	443	921	1,201	1,214	942	9,994
	Subtotal	611	1,189	1,129	1,166	875	302	0	443	921	1,201	1,214	942	9,994
Production	Chino Groundwater	2,887	1,915	1,637	868	291	16	695	383	905	1,270	941	1,535	13,344
	Local Surface Water	106	131	105	113	126	151	222	187	233	230	198	167	1,969
	Other Groundwater	1,004	1,060	1,114	1,695	1,685	1,562	1,587	1,528	1,176	658	703	727	14,500
	Subtotal	3,997	3,107	2,855	2,676	2,102	1,729	2,505	2,098	2,314	2,159	1,842	2,428	29,813
	Total	4,608	4,296	3,984	3,843	2,977	2,032	2,505	2,542	3,234	3,360	3,056	3,370	39,807

SAWCo - Retail

FY 2014/15 Monthly Water Report



San Antonio Water Company FY 2014/15 Water Use Report



SAWCo used 1% (2,129 AF) of 200,367 AF used in the IEUA service area.

SAWCo - Retail
FY 2014/15 Monthly Water Report

		Table 1. IEUA Total IEUA Service Area Water Use by Retail Agency for FY 2014-2015 (AF)												
		Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	SAWCo-Total
Production	Other Groundwater	1,131	264	615	665	571	426	534	366	182	267	265	805	6,092
	Subtotal	1,131	264	615	665	571	426	534	366	182	267	265	805	6,092
Sales to other agencies	MVWD	0	0	0	-59	-84	-170	-144	-134	-21	0	0	0	-612
	Ontario	0	0	0	0	0	0	0	0	0	-46	-60	-66	-172
	Upland	-848	0	-356	-346	-352	-178	-259	-142	-10	-67	-94	-526	-3,177
	Subtotal	-848	0	-356	-405	-436	-348	-403	-276	-31	-113	-153	-592	-3,961
	Total	283	264	260	259	136	78	131	90	151	154	112	213	2,130

Section 3

Appendices

APPENDIX A
Five year Historical Data Summary

FY 14-15		Table 1. Total IEUA Service Area Water Use by Retail Agency for FY14-15(AF)								
		CHINO	CHINO HILLS	ONTARIO	UPLAND	CVWD	FWC	MVWD	SAWCo	Total
Purchases from IEUA	Imported Water (MWD)	2,830.30	2,494.30	10,703.30	7,048.00	21,305.67	9,993.92	4,530.20	0.00	58,905.69
	Recycled	8,323.97	1,827.08	8,018.15	636.34	1,400.50	0.00	307.73	0.00	20,513.77
Subtotal		11,154.27	4,321.38	18,721.45	7,684.34	22,706.17	9,993.92	4,837.93	0.00	79,419.46
Production	Chino Groundwater	6,497.47	2,904.10	17,425.60	3,416.43	14,489.70	13,344.25	8,407.18	0.00	66,484.73
	Local Surface Water	0.00	0.00	0.00	0.00	1,075.57	1,968.78	0.00	0.00	3,044.35
	Other Groundwater	0.00	0.00	0.00	1,291.38	10,631.02	14,499.60	0.00	6,090.95	32,512.95
Subtotal		6,497.47	2,904.10	17,425.60	4,707.81	26,196.29	29,812.62	8,407.18	6,090.95	102,042.03
Purchase from other agencies	CDA	5,231.95	4,425.99	4,827.45	0.00	0.00	0.00	0.00	0.00	14,485.39
	MVWD	0.00	4,435.68	0.00	0.00	0.00	0.00	0.00	0.00	4,435.68
	SAWCo Water	0.00	0.00	172.40	5,462.00	0.00	0.00	612.00	0.00	6,246.40
	West End	0.00	0.00	0.00	2,139.00	0.00	0.00	0.00	0.00	2,139.00
Subtotal		5,231.95	8,861.67	4,999.85	7,601.00	0.00	0.00	612.00	0.00	27,306.47
Sales to other agencies	Chino Hills	0.00	0.00	0.00	0.00	0.00	0.00	-4,438.57	0.00	-4,438.57
	MVWD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-612.00	-612.00
	Ontario	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-172.40	-172.40
	Upland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3,177.05	-3,177.05
Subtotal		0.00	0.00	0.00	0.00	0.00	0.00	-4,438.57	-3,961.45	-8,400.02
Total		22,883.69	16,087.15	41,146.90	19,993.15	48,902.46	39,806.54	9,418.54	2,129.50	200,367.93

Note: an additional 695 AF of RW was used for IEUA purposes, an additional 10,840 AF of RW was used for recharge, and additional 1,371 AF of RW was sold to SBC.

FY13-14		IEUA Service Area Water Use by Retail Agency for FY13-14(AF)								
		CHINO	CHINO HILLS	ONTARIO	UPLAND	CVWD	FWC	MVWD	SAWCo	Total
Purchases from IEUA	Imported Water (MWD)	4,341.99	962.00	9,904.20	7,265.30	28,825.38	9,792.02	5,964.50	0.00	67,055.38
	Recycled	8,915.74	2,001.81	8,428.00	868.73	1,651.57	0.00	339.30	0.00	22,205.15
Subtotal		13,257.73	2,963.81	18,332.20	8,134.03	30,476.95	9,792.02	6,303.80	0.00	89,260.53
Production	Chino Groundwater	6,725.49	2,138.17	21,723.00	2,822.06	16,121.55	15,377.61	12,521.98	0.00	77,429.85
	Local Surface Water	0.00	0.00	0.00	0.00	1,253.67	2,404.58	0.00	0.00	3,658.25
	Other Groundwater	0.00	0.00	0.00	703.66	8,324.37	17,453.63	0.00	12,609.88	39,091.54
Subtotal		6,725.49	2,138.17	21,723.00	3,525.72	25,699.59	35,235.81	12,521.98	12,609.88	120,179.64
Purchase from other agencies	CDA	5,198.08	4,396.23	5,141.08	0.00	0.00	0.00	0.00	0.00	14,735.39
	CVWD	0.00	0.00	0.00	0.00	0.00	757.49	0.00	0.00	757.49
	MVWD	0.00	8,427.43	0.00	0.00	0.00	0.00	0.00	0.00	8,427.43
	SAWCo Water	0.00	0.00	0.00	9,662.49	0.00	0.00	400.08	0.00	10,062.57
	West End	0.00	0.00	0.00	2,653.04	0.00	0.00	0.00	0.00	2,653.04
Subtotal		5,198.08	12,823.66	5,141.08	12,315.53	0.00	757.49	400.08	0.00	36,635.92
Sales to other agencies	Chino Hills	0.00	0.00	0.00	0.00	0.00	0.00	-8,427.66	0.00	-8,427.66
	MVWD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-400.08	-400.08
	Upland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9,662.49	-9,662.49
Subtotal		0.00	0.00	0.00	0.00	0.00	0.00	-8,427.66	-10,062.57	-18,490.23
Total		25,181.30	17,925.64	45,196.28	23,975.28	56,176.54	45,785.32	10,798.20	2,547.30	227,585.86

An additional 841 AF of RW was used by IEUA, 13,593 AF for GWR, and 1,611 AF sold to SBC.

FY12-13		IEUA Service Area Water Use by Retail Agency for FY12-13(AF)								
		CHINO	CHINO HILLS	ONTARIO	UPLAND	CVWD	FWC	MVWD	SAWCo	Total
Purchases from IEUA	Imported Water (MWD)	4,084.60	1,821.50	10,243.50	6,067.30	25,844.56	5,214.96	5,736.60	0.00	59,013.01
	Recycled	8,957.15	1,889.53	6,894.28	263.61	1,230.72	0.00	326.59	0.00	19,561.88
Subtotal		13,041.75	3,711.03	17,137.78	6,330.91	27,075.28	5,214.96	6,063.19	0.00	78,574.89
Production	Chino Groundwater	7,021.90	3,133.80	20,800.88	2,358.18	18,739.95	33,576.34	10,324.50	0.00	95,955.54
	Local Surface Water	0.00	0.00	0.00	0.00	1,921.19	4,058.97	0.00	0.00	5,980.17
	Other Groundwater	0.00	0.00	0.00	1,348.79	6,420.20	0.00	0.00	13,376.39	21,145.38
Subtotal		7,021.90	3,133.80	20,800.88	3,706.98	27,081.34	37,635.31	10,324.50	13,376.39	123,081.09
Purchase from other agencies	CDA	4,804.51	4,074.89	4,792.01	0.00	0.00	0.00	0.00	0.00	13,671.41
	MVWD	0.00	6,948.88	0.00	0.00	0.00	0.00	0.00	0.00	6,948.88
	SAWCo Water	0.00	0.00	0.00	9,594.18	0.00	0.00	841.15	0.00	10,435.33
	West End	0.00	0.00	0.00	3,691.74	0.00	0.00	0.00	0.00	3,691.74
Subtotal		4,804.51	11,023.77	4,792.01	13,285.92	0.00	0.00	841.15	0.00	34,747.36
Sales to other agencies	Chino Hills	0.00	0.00	0.00	0.00	0.00	0.00	-7,248.87	0.00	-7,248.87
	MVWD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-841.15	-841.15
	Upland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-9,594.18	-9,594.18
Subtotal		0.00	0.00	0.00	0.00	0.00	0.00	-7,248.87	-10,435.33	-17,684.20
Total		24,868.16	17,868.60	42,730.67	23,323.81	54,156.62	42,850.27	9,979.97	2,941.06	218,719.15

An additional 871 AF of RW was used by IEUA, 10,479 AF for GWR, and 1,407 AF sold to SBC.

FY11-12		IEUA Service Area Water Use by Retail Agency for FY11-12(AF)								
		CHINO	CHINO HILLS	ONTARIO	UPLAND	CVWD	FWC	MVWD	SAWCo	Total
Purchases from IEUA	Imported Water (MWD)	2,743.40	2,173.41	10,661.30	6,446.30	26,143.69	1,202.49	3,505.50	0.00	52,876.08
	Recycled	8,274.12	1,567.00	7,493.02	0.00	1,018.96	0.00	287.79	0.00	18,640.89
Subtotal		11,017.52	3,740.41	18,154.32	6,446.30	27,162.65	1,202.49	3,793.29	0.00	71,516.97
Production	Chino Groundwater	7,856.33	3,566.03	19,163.76	525.68	14,948.73	28,747.52	10,537.72	0.00	85,345.76
	Local Surface Water	0.00	0.00	0.00	0.00	4,070.40	12,673.92	0.00	0.00	16,744.32
	Other Groundwater	0.00	0.00	0.00	1,245.90	5,933.21	0.00	0.00	12,328.08	19,507.18
Subtotal		7,856.33	3,566.03	19,163.76	1,771.57	24,952.34	41,421.44	10,537.72	12,328.08	121,597.27
Purchase from other agencies	CDA	4,887.14	4,236.29	4,837.58	0.00	0.00	0.00	0.00	0.00	13,961.01
	MVWD	0.00	5,415.97	0.00	0.00	0.00	0.00	0.00	0.00	5,415.97
	SAWCo Water	0.00	0.00	0.00	8,309.08	0.00	0.00	1,276.73	0.00	9,585.81
	West End	0.00	0.00	0.00	3,323.80	0.00	0.00	0.00	0.00	3,323.80
Subtotal		4,887.14	9,652.26	4,837.58	11,632.88	0.00	0.00	1,276.73	0.00	32,286.59
Sales to other agencies	Chino Hills	0.00	0.00	0.00	0.00	0.00	0.00	-5,660.84	0.00	-5,660.84
	MVWD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1,276.73	-1,276.73
	Upland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-8,309.08	-8,309.08
Subtotal		0.00	0.00	0.00	0.00	0.00	0.00	-5,660.84	-9,585.81	-15,246.65
Total		15,486.87	15,391.70	34,662.64	19,850.75	51,096.03	42,623.93	9,659.11	2,742.27	210,154.17

An additional 515 AF of RW was used by IEUA, 8,634 AF for GWR, and 1,450 AF sold to SBC.

FY10-11		IEUA Service Area Water Use by Retail Agency for FY10-11(AF)								
		CHINO	CHINO HILLS	ONTARIO	UPLAND	CVWD	FWC	MVWD	SAWCo	Total
Purchases from IEUA	Imported Water (MWD)	2,620.10	1,511.60	9,799.32	3,353.00	19,993.54	1,392.08	4,060.50	0.00	42,730.15
	Recycled	6,472.92	1,631.38	5,743.63	0.00	733.55	0.00	303.58	0.00	14,885.06
Subtotal		9,093.02	3,142.98	15,542.95	3,353.00	20,727.09	1,392.08	4,364.08	0.00	57,615.21
Production	Chino Groundwater	7,304.11	2,014.32	19,698.39	737.24	20,317.71	26,257.11	12,037.60	0.00	88,366.48
	Local Surface Water	0.00	0.00	0.00	0.00	4,902.46	13,858.86	0.00	0.00	18,761.32
	Other Groundwater	0.00	0.00	0.00	1,903.65	3,284.94	0.00	0.00	9,270.51	14,459.10
Subtotal		7,304.11	2,014.32	19,698.39	2,640.89	28,505.11	40,115.97	12,037.60	9,270.51	121,586.90
Purchase from other agencies	CDA	4,977.49	4,273.96	5,189.36	0.00	0.00	0.00	0.00	0.00	14,440.81
	CVWD	0.00	0.00	0.00	0.00	0.00	12.89	0.00	0.00	12.89
	MVWD	0.00	6,754.90	0.00	0.00	0.00	0.00	0.00	0.00	6,754.90
	SAWCo Water	0.00	0.00	0.00	5,777.25	0.00	0.00	493.22	0.00	6,270.47
	West End	0.00	0.00	0.00	2,988.89	0.00	0.00	0.00	0.00	2,988.89
Subtotal		4,977.49	11,028.86	5,189.36	8,766.13	0.00	12.89	493.22	0.00	30,467.95
Sales to other agencies	Chino Hills	0.00	0.00	0.00	0.00	0.00	0.00	-6,766.41	0.00	-6,766.41
	MVWD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-493.22	-493.22
	Upland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5,777.25	-5,777.25
Subtotal		0.00	0.00	0.00	0.00	0.00	0.00	-6,766.41	-6,270.47	-13,036.88
Total		14,901.70	14,554.78	34,687.07	14,760.02	48,498.65	41,520.94	9,824.91	3,000.05	196,633.18

An additional 520 AF of RW was used by IEUA, 8,028 AF for GWR, and 1,251 AF sold to SBC.

APPENDIX B

Definitions

Chino Basin Groundwater – Water pumped from the Chino Basin Aquifer and treated by retail water agencies for all potable uses within the IEUA service area.

Desalter Water – Water pumped from Chino Basin Desalter I owned and operated by the Chino Basin Desalter Authority (CDA). Groundwater, with high levels of dissolved solids, is treated and distributed to several retail agencies within the IEUA’s service area for potable uses.

Imported Water (MWD) – Water from Northern California and supplied by the Metropolitan Water District of Southern California (MWD), and water transferred from other groundwater basins to retail water agencies operating within the IEUA service area. All Tier I and Tier II deliveries are included in this category.

Other Groundwater – Water produced from other local groundwater basins to retail water agencies operating within IEUA’s service area.

Surface Water – Water collected by retail water agencies from mountain runoff and storm flows, which is collected and treated for potable use.

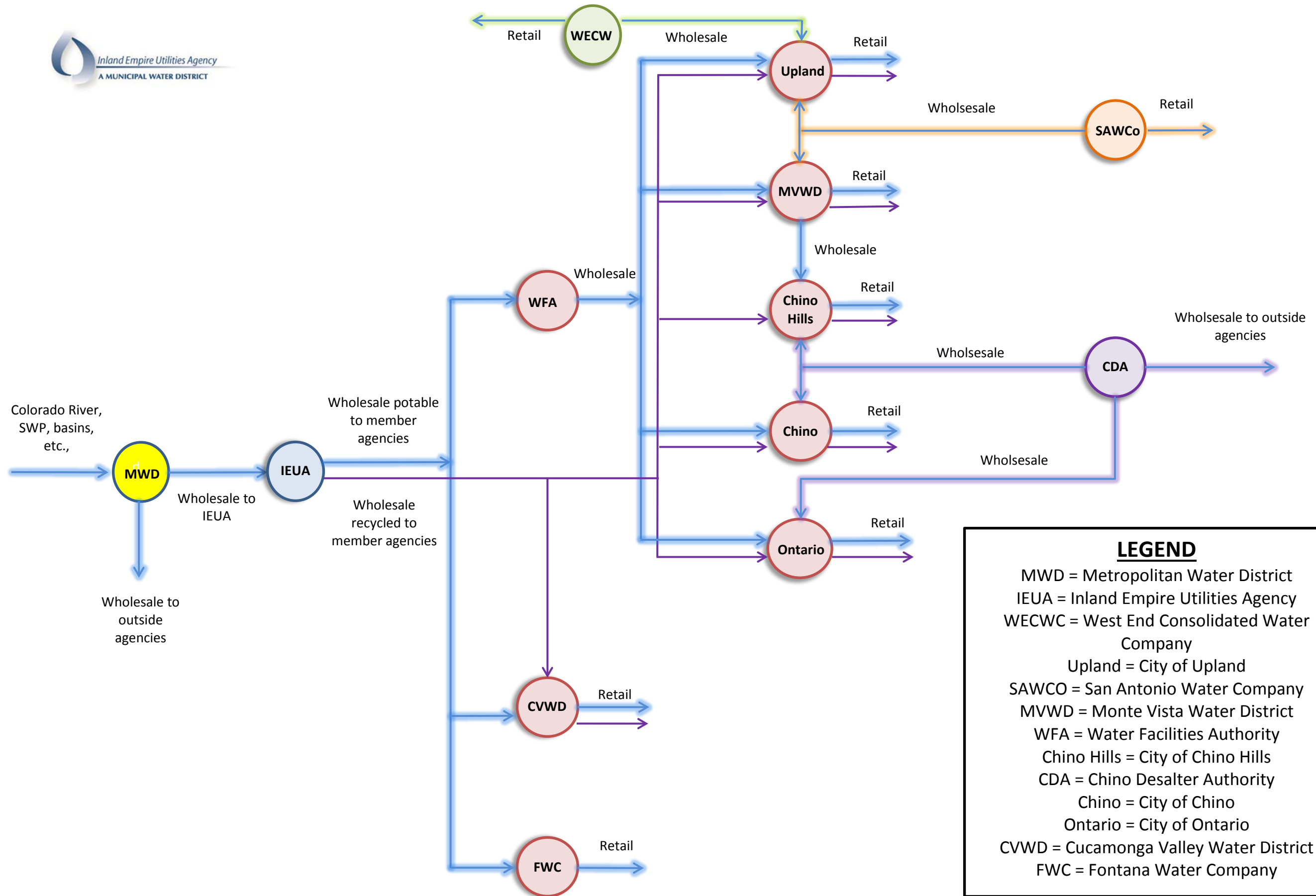
Recycled Water – Title 22 recycled water produced by the IEUA at its water recycling plants for distribution through separate pipelines to retail water agency customers for all non-potable uses.

WECWC– West End Consolidated Water Company supplies some water to the City of Upland.

WVWD – West Valley Water District

APPENDIX C

Member Agency Organizational Chart



LEGEND

- MWD = Metropolitan Water District
- IEUA = Inland Empire Utilities Agency
- WECWC = West End Consolidated Water Company
- Upland = City of Upland
- SAWCO = San Antonio Water Company
- MVWD = Monte Vista Water District
- WFA = Water Facilities Authority
- Chino Hills = City of Chino Hills
- CDA = Chino Desalter Authority
- Chino = City of Chino
- Ontario = City of Ontario
- CVWD = Cucamonga Valley Water District
- FWC = Fontana Water Company