

# APPENDIX G:

# MAJOR DAMS IN ORANGE COUNTY

Dam Name	Dam No.	National ID	Owner	Latitude, Longitude	Stream	Year Built	Capacity (Ac-Ft)	Res. Area (Acres)	Drainage Area (mi^2)	Crest Elev. (ft)	Free Board (ft)	Height (Ft)	Length (ft)	Width (ft)	Type	Volume (yd^3)	Comments	Hazard
Agua Chinon	1012-017	CA01361	County of Orange	33.688, -117.7	Agua Chinon Wash	1998	256	16	2.17	636	10.5	41	480	20	ERTH	176,000		Significant
Bee Canyon Retention Basin	1012-009	CA01360	County of Orange	33.708, -117.71	Bee Canyon Wash	1994	243	14	1.29	581	11.5	62	570	25	ERTH	66,000		High
Big Canyon	1058-000	CA00891	City of Newport Beach	33.61, -117.86	Tributary Big Canyon Cr	1959	600	22	0.04	308	5.5	65	3824	20	ERTH	508,000		High
Bonita Canyon	793-004	CA00747	The Irvine Company	33.632, -117.848	Bonita Creek	1938	323	50	4.2	151	8	51	331	20	ERTH	43,000		
Brea Dam (Brea Reservoir)		CA10016	Federal - USCOE	33.8917, -117.925	Brea Creek	1942	4,018	162.7	22.0	295	16	87	1,765	20	ERTH	680,472		
Carbon Canyon		CA10017	Federal - USCOE	33.915 -117.6433	Carbon Canyon Creek	1961	7,033	221	19.3	499	24	99	2,610	20	ERTH	150,000		
30 MG Central Reservoir	1087-000	CA01113	City of Brea		Offstream	1924	92	5	0	392		30	1596		ERTH			
Diemer No. 8	35-009	CA00220	Metropolitan Water District of SoCal	33.912, -117.82	Offstream	1968	18	1	0.007	828	0.6	172	1004	9	RECT			
Diemer Ozone Contact Basin	35-022	CA01492	Metropolitan Water District of SoCal	33.9115, -117.82	Offstream	2011	23	0.27	0	840.25	1.7	32	1012	1	RECT	152,000		
Diemer Reservoir	35-010	CA00221	Metropolitan Water District of SoCal	33.91, -117.82	Offstream	1963	80	5	0	811.4	3.7	22	1880		RECT			
Dove Canyon	790-000	CA01248	Dove Canyon Master Assoc.	33.638, -117.57	Dove Creek	1989	415	16	0.96	1100	10	88	700	55	ERTH	463,000		
East Hicks Canyon Retarding Basin	1012-015	CA01415	County of Orange	33.735, -117.72	Hicks Canyon Wash	1997	75	6	0.54	571	9.5	49	1168	25	ERTH	339,400		

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Eastfoot Retarding Basin	1799-000	CA01496	City of Irvine	33.7525, -117.75	Peters Canyon Wash	2007	213	9.7	0.51	421	8.2	38.5	1,000	25	ERTH	300,000		
El Toro Reservoir	1041-000	CA00875	El Toro Water District	33.623, -117.67	Tributary Oso Creek	1967	877	21	0.04	632	9	106	900	30	ERTH	550,000		
Fullerton		CA10018	Federal – USCOE	33.898, -117.88	East Fullerton Creek	1941	706	60	5.0	307	17	47	575	15	ERTH	160,000		
Galivan Retarding Basin	1012-012	CA01427	County of Orange	33.566, -117.68	Oso Creek	2000	169	17	13.4	273	5.3	14	600	1	ERTH	6,000		
Harbor View	1012-002	CA00830	County of Orange	33.603, -117.87	Jasmine Gulch	1964	28	3	0.39	190	20	65	330	60	ERTH	63,000		
Hicks Canyon Retention Basin	1012-014	CA01414	County of Orange	33.735, -117.72	Hicks Canyon Wash	1997	110	8	0.83	690	9.5	60	806	25	ERTH	367,800		
Lower Peters Canyon Retarding Basin	1012-005	CA01207	County of Orange	33.755, -117.77	Peters Canyon Wash	1990	206	14	2.15	325.3	4.8	52	1166	16	ERTH	175,000		
Marshburn Retarding Basin	1012-011	CA01426	County of Orange	33.694, -117.73	Tributary Marshburn Channel	1998	282	26	5.8	378	11.5	27	2456	20	ERTH	204,000		
Mission Viejo, Lake	1794-000	CA01122	Lake Mission Viejo Assn. Inc.	-117.65	Oso Creek	1976	4,300	150	3.6	711	9	123	1,750	104	ERTH	1,376,200		
Orange County Reservoir	35-007	CA00218	Metropolitan Water District of SoCal	33.937, -117.88	Tributary Fullerton Creek	1941	217	7	0.01	662.5	3	103	655	88	ERTH	298,200		
Orchard Estates Retarding Basin	1012-016	CA01436	County of Orange	33.738, -117.75	Tributary Rattlesnake Canyon	1999	138	11	0.63	408	8	21	810	25	ERTH	63,500		
Palisades Reservoir	1022-002	CA00843	South Coast Water District	33.463, -117.65	Tributary Prima Deshecha	1963	147	6	0.03	436	6	146	620	20	ERTH	300,000		
Peters Canyon	1012-006	CA00746	County of Orange	33.7, -117.768	Peters Canyon Wash	1932	1090	65	1.5	547.8	5	54	580	10	ERTH	111,100		
Portola	2013-002	CA01183	Santa Margarita Water District	33.633, -117.58	Canada Gobernadora	1980	586	20	0.18	946	10	53	1,200	20	ERTH	206,500		

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Rattlesnake Canyon	1029-003	CA00855	Irvine Ranch Water District	33.728, -117.74	Rattlesnake Canyon	1959	1,480	60	2.02	418	6	79	980	15	ERTH	445,600		
Rossmoor No 1	1041-002	CA00753	El Toro Water District	33.618, -117.73	Tributary San Diego Creek	1964	43	3	0.23	320	3.5	36	305	15	ERTH	22,000		
Rossmoor Retarding Basin	1012-013	CA01443	County of Orange	33.787, -118.09	Los Alamitos Channel	2002	175	25	2.7	14.2	4.2	14	95	13	ERTH	12,000		
Round Canyon Retarding Basin	1012-010	CA01378	County of Orange	33.698, -117.69	Round Canyon Wash	1994	286	16	1.698	665	10.5	98	750	25	ERTH	149,000		
San Joaquin Reservoir	1029-000	CA00853	Irvine Ranch Water District	33.62, -117.64	Tributary Bonita Creek	1964	380	24	19.9	245	15	65	385	34	ERTH	116,000		
Sand Canyon	1029-002	CA00854	Irvine Ranch Water District	33.648, -117.6	Sand Canyon	1912	960	51	6.76	202	8.5	58	861	10	ERTH	134,787		
Santiago Creek	75-000	CA00298	Serrano Water District & Irvine Ranch WD	33.785 -117.72	Santiago Creek	1933	25000	650	63.1	810	20	136	1425	10	ERTH	789,000		
Sulphur Creek	1012-007	CA00873	County of Orange	33.55, -117.71	Sulphur Creek	1966	520	40	4.8	202	10	42	485	25	ERTH	150,000		
Syphon Canyon	793-009	CA00749	The Irvine Company	33.71, -117.73	Tributary Newport Bay	1949	500	27	0.29	385	7	59	843	10	ERTH	145,000		
Trabuco	2030-002	CA01241	Trabuco Canyon Water District	33.643, -117.56	Tributary Dove Creek	1984	138	5	0.05	1280	5.5	108	620	20	ERTH	166,000		
Trabuco Retarding Basin	1012-008	CA01399	County of Orange	33.695, -117.76	San Diego Creek	1996	390	22.25	3.17	201	3.5	18	2250	20	ERTH	14,160		
Trampas Canyon	1795-006	CA01123	Oglebay Norton Ind. Sands	33.498, -117.59	Trampas Canyon	1975	5700	96	0.91	600	5	183	1300	20	ERTH	1,900,000		
Upper Chiquita	2013-3	CA01553	Santa Margarita Water District	33.5883, -117.62	Tributary to San Juan Creek	2012	753.5	15.65	0.035	867.5	7.5	177.2	965	23.75	ERTH	1,377,500		
Upper Oso	2013-000	CA01145	Santa Margarita Water District	33.658, -117.63	Oso Creek	1979	3,700	115	1.13	962	7	142	800	60	ERTH	1,109,000		

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Veeh	796-000	CA00750	Lake Hills Community Church	33.625, -117.73	Tributary San Diego Creek	1936	185	16	1.7	287	6.3	37	417	14	ERTH	22,060		
Villa Park	1012-000	CA00829	County of Orange	33.815, -117.77	Santiago Creek	1963	15,600	480	83.4	584.3	18.3	118	119	20	ERTH	835,000		
Walnut Canyon	1037-000	CA00869	City of Anaheim	33.842, -117.75	Walnut Canyon	1968	2570	47	0.33	847	6	187	930	30	ERTH	957,000		
Yorba	1012-003	CA00831	County of Orange	33.872, -117.61	Tributary Santa Ana River	1907	1,200	87	1	311	5.4	45	920	12	HYDF	110,000	Drained in 1969.	
Prado Dam	9000-022	CA10022	Federal	33.890, -117.64	Santa Ana River	1941	383,500	6,695	2,255	566	23	106	2,280	30	ERTH	3,389,000	Being improved.	