

CAPITAL BUDGET

FISCAL YEAR 2015/16

**Approved
June 8, 2015**



Irvine Ranch Water District
15600 Sand Canyon Avenue
Irvine, CA 92618

FISCAL YEAR 2015/16 CAPITAL BUDGET

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IRVINE RANCH WATER DISTRICT
2015/16 Capital Budget
Project Expenditures by Project Number

<u>EPMS No.</u>	<u>EBS No.</u>	<u>Project Title</u>	<u>FY Direct</u>	<u>FY Dir + GA</u>	<u>Total Direct</u>	<u>Total Dir + GA</u>	<u>Flag</u>
10394	1437	DATS & WELL 77 LEASE PAYMENT 16/17	37,100	37,100	487,200	487,200	No
10517	1798	LAKE FOREST CONTROL AND TELEMETRY SYS REPLACEMENT	66,300	84,800	319,000	430,000	No
11057	1804	ENG PLANNING STUDY RESERVE 15/16 DW	198,000	346,000	198,000	346,000	No
11116	1264	ASSET OPTIMIZATION - LAKE FOREST DEVELOPMENT	887,300	887,300	6,500,000	6,685,000	No
11275	1363	OCWD ANNEXATION FEE 15/16	439,400	439,400	439,400	439,400	No
11378	1038	TUSTIN LEGACY MASTER DW FACILITIES	500	1,400	1,495,200	1,676,500	No
11379	1047	TUSTIN LEGACY TUSTIN RANCH ROAD	1,400	1,400	990,900	1,083,200	No
11434	1414	SAND CANYON 16" DW PIPELINE ANODE REPLACEMENT	1,700	4,300	243,100	308,000	No
11469	1520	GREAT PARK COORDINATION AND SAMP UPDATE	11,200	17,400	99,000	154,500	No
11560	1181	LAKE FOREST DW OFFSITE IMPROVEMENTS	700	1,800	962,500	1,094,000	No
11562	1189	LAKE FOREST DW OPPORTUNITY AREAS	2,400	6,600	3,686,600	4,278,600	No
11598	1336	HQ LIGHTING RETROFIT & CEILING REPLACE	45,400	66,800	225,000	331,500	No
11605	1346	PA40 PH2 DW FACILITIES	300	300	238,700	285,000	No
11613	1354	PA1 16" Z5 PIPE, 5-4 PRVS NEIGHBORHOOD 3	11,000	29,400	1,237,500	1,367,100	No
11619	3566	ENTERPRISE ASSET MGMT SOFTWARE IMPLEMENTATION	473,300	683,200	2,432,100	3,264,700	No
11645	3766	STOCKDALE WEST WELLHEAD EQUIPPING	1,377,600	1,438,300	4,744,900	5,179,700	No
11660	3977	PA51 TRABUCO RD, SR133 TO LY ST DW	3,300	3,300	156,200	207,200	No
11665	4130	SJM BUILDING CAMPUS MOLD REMEDIATION	1,000	1,000	369,600	395,600	No
11668	4153	PA51 MARINE WAY DW ZN3	192,200	223,200	332,200	415,600	No
11671	4261	PA51 RIDGE VALLEY, TRABUCO TO IRVINE BLVD - DW	35,400	39,800	723,800	890,300	No
11672	4327	DRWF WELL NO. 3 REHAB	387,400	451,000	401,500	475,600	No
11673	4268	PA51 RIDGE VALLEY, MARINE WAY TO TRABUCO - DW	39,500	43,800	486,200	560,300	No
11679	4401	WELL REHAB NO. 2 (DW)	228,700	284,100	401,500	475,600	No
11687	4409	CHLORAMINE BOOSTER STATIONS AT 2 DW RESERVOIRS	1,089,500	1,144,700	2,501,200	2,695,500	No
11692	4441	WELL MAINTENANCE AND REHABILITATION 15/16	165,000	165,000	165,000	165,000	No
11694	5493	1" TO 2" METER REPLACEMENT-DW 15/16	139,000	163,800	139,000	163,800	No
11696	5494	CSR METER REPLACEMENT-DW 15/16	213,200	222,500	213,200	222,500	No
11697	4387	GEN SYS MODS-DW 15/16	190,300	231,100	190,300	231,100	No
11698	5297	RAISE DW SYSTEM VALVES 15/16 UNDER RA	115,500	124,800	115,500	124,800	No
11699	5484	RESIDENTIAL METER REPLACEMENT-DW 15/16	336,600	360,700	336,600	360,700	No
11702	5468	SERVICE LINE, VALVE & MAIN REPLACEMENT-DW 15/16	1,246,900	1,265,400	1,246,900	1,265,400	No
11704	4423	MECH & ELEC SYS REPLACEMENT - DW 15/16	660,000	660,000	660,000	660,000	No
11711	4394	ID CONSOLIDATION PROJECT ACCOUNTING IMPLEMENTAT	501,600	723,600	1,254,000	1,809,000	No

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11714	4366	TUSTIN LEGACY TUSTIN RANCH, BARRANCA, ARMSTRONG	800	800	343,200	417,300	No
11716	4510	TUSTIN LEGACY WARNER - LEGACY TO TUSTIN RANCH DW	400	400	196,900	252,500	No
11717	4512	PA5B PHASE 1A 12" ZONE 3 DW	27,900	33,600	132,000	174,600	No
11719	4620	PA51 LN ST FROM C ST TO LY ST DW	11,800	13,900	172,700	219,100	No
11721	4645	PA51 C ST FROM LQ ST TO O ST DW	10,500	13,400	161,700	217,400	No
11723	4650	PA51 LY ST FROM LQ ST TO IRVINE BLVD DW	3,100	4,900	51,700	88,900	No
11739	4680	PA18S HIDDEN CANYON 12" DW	900	900	315,700	399,100	No
11746	4988	TUSTIN LEGACY WARNER FROM ARMSTRONG TO LEGACY I	10,700	13,000	60,500	77,300	No
11747	5027	BAKER WATER TREATMENT PLANT	38,868,400	39,863,300	96,852,000	99,331,000	No
11752	5453	WELLS 12 AND 13 ROOF HATCHES REPLACEMENT	282,200	329,800	340,500	400,700	No
11754	5473	WELLS 11 AND 15 SURGE TANK REPLACEMENT	304,300	345,600	627,600	716,400	No
11755	5410	COASTAL ZN2 PRV MODIFICATION (DPR16)	2,000	4,700	187,100	228,500	No
11764	5500	WATER BANKING AGREEMENTS 14/16	242,400	612,900	484,000	1,224,000	No
11765	5499	STOCKDALE STORAGE FOR RECOVERY CAPACITY	10,500	29,000	1,590,800	1,609,300	No
11779	5406	EL MODENA INLET MODIFICATION	1,000	2,300	156,200	184,100	No
11781	5443	PORTABLE DIESEL GENERATOR REPLACEMENT - DW	293,900	293,900	880,000	880,000	No
11785	5405	EL MODENA NTS POND INFILTRATION	1,000	2,300	321,200	349,100	No
11787	5411	COMPRESSED NATURAL GAS MOTOR FUEL	34,700	36,600	68,800	72,500	No
11789	5433	GIS SUPPORT APPLICATIONS 15/16 - DOMESTIC	60,000	94,200	60,000	94,200	No
11791	5404	LAKE FOREST Z2-2RA PRV AT COMMERCENTRE	59,200	63,900	337,700	374,800	No
11796	5436	HYDRAULIC MODELING 15/16 DW	44,000	62,500	44,000	62,500	No
11797	5338	MARSH MITIGATION CREDIT INVENTORY	17,000	21,300	36,300	45,600	No
11801	5519	EAST IRVINE ZONE 1 TO 3 BPS PIPE/METER	168,200	211,500	198,600	250,400	No
11804	5756	PA51 "B" ST FROM SOCIABLE TO IRVINE BLV 12" ZN 4	125,000	151,900	176,000	235,300	No
11805	5761	ZONE 1 RESERVOIR INTERIOR RECOATING	500	1,300	2,748,500	2,833,700	No
11806	5816	PA51 ALTON, TECHNOLOGY TO MUIRLANDS 12" DW	103,300	120,500	177,100	225,200	No
11808	6013	WATER SUPPLY AND SYSTEM RELIABILITY MODEL	228,200	270,700	496,900	589,400	No
11809	6016	PA51 IRVINE BLV LAMBERT TO Z ST 12" DW	19,000	22,800	34,100	45,300	No
11812	6023	ROSEDALE DROUGHT RELIEF PROJECT FACILITIES	3,407,800	3,682,700	6,133,600	6,568,400	No
11814	6049	2015 IRVINE ANNUAL ST REHAB, DW	431,200	468,200	431,200	468,200	No
11819	6171	WELLS 76 & 77 PUMP/MOTOR REPLACEMENT	275,400	275,400	550,000	550,000	No
11838	6213	IDF SODIUM HYPOCHLORITE STORAGE AND FEED SYSTEM	166,400	217,100	1,905,900	2,137,200	No
11839	6214	PDF SODIUM HYPOCHLORITE STORAGE AND FEED SYSTEM	4,200	11,200	2,430,900	2,662,200	No

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11842	6086	PA51 MARINE WAY FROM ALTON TO BARRANCA 12" DW ZN	187,100	220,400	238,700	301,600	No
11849	6160	CENTRALIZED CONTROL ROOM AT MWRP	1,800	4,400	170,000	211,600	No
11866	6109	TUSTIN LEGACY PARK AVE & MOFFETT DR 12" DW	58,700	82,200	162,800	214,700	No
11867	6246	WATER BANKING PLANNING 15/16	115,500	208,000	115,500	208,000	No
11874	6249	STOCKDALE WEST WELL CONSTRUCTION PROJECT	1,804,500	1,866,100	2,711,500	2,804,000	No
11875	6145	STOCKDALE WEST TURNOUT FACILITIES	126,300	163,300	2,557,500	2,650,100	No
11876	6212	NTS INFILTRATION STUDY	64,900	77,900	64,900	77,900	No
11877	6166	NTS SEDIMENT REMOVAL	7,300	11,200	365,200	411,600	No
11878	6168	SAN JOAQUIN MARSH IMPROVEMENTS	13,200	19,700	541,200	633,900	No
11879	6121	VAULT LID REPLACEMENT - DW	3,300	8,500	315,200	409,700	No
11881	6215	TUSTIN LEGACY REDHILL WELL ACQUISITION	269,500	306,500	269,500	306,500	Yes
11882	6165	DRWF SURGE TANKS	1,700	4,300	198,600	250,400	No
11884	6158	TURTLE ROCK ZONE 3-4 BOOSTER PUMP STATION RETROFI	189,200	234,300	2,747,900	2,960,700	No
11885	6210	ASSET OPTIMIZATION - SAND CANYON PROFESSIONAL CTR	59,600	64,200	17,624,300	17,670,600	No
11886	6398	NEWPORT COAST JOINT BONDING PHASE 2	148,300	166,900	148,300	166,900	No
11887	6208	PA-51 MARINE WAY: SR133 TO RIDGE VALLEY 12" ZONE 3	113,100	149,000	162,800	214,700	No
11889	6181	BUSINESS INTELLIGENCE SOFTWARE UPGRADE	84,200	127,300	126,500	191,300	No
11890	6304	PA 51 BENCHMARK, BOSQUE TO 550'E/O BOSQUE 12" Z4R	113,100	149,000	162,800	214,700	No
11891	6401	ZONE 1 RESERVOIR	210,700	244,600	316,300	367,200	No
15051	1402	WELLS 51/52/53 TREATMENT ALTERNATIVES STUDY	10,600	13,500	133,100	170,100	Yes
19411	1466	PA51 MASTER DW FACILITIES	1,800	4,800	5,680,500	6,568,500	No
20115	1552	OCSD CORF 14/15	705,000	705,000	3,502,000	3,502,000	No
20116	1554	OCSD CORF 15/16	4,785,200	4,785,200	5,988,000	5,988,000	No
20374	1642	PA51 MASTER SS FACILITIES	300	800	1,028,500	1,195,100	No
20589	1508	OCSD EQUITY 14/15	2,194,000	2,194,000	6,546,000	6,546,000	No
20593	1516	OCSD EQUITY 15/16	4,561,100	4,561,100	6,854,000	6,854,000	No
20813	1420	OCSD SOLIDS HANDLING 15/16	1,391,000	1,391,000	1,391,000	1,391,000	No
20915	4439	MWRP SYS REPLACEMENTS 15/16	332,200	335,900	332,200	335,900	No
21011	4418	LAWRP SYSTEM REPLACEMENTS 15/16	132,000	132,000	132,000	132,000	No
21057	1377	ENG PLANNING STUDY RESERVE 15/16 SEWER	171,600	312,200	171,600	312,200	No
21119	3750	SOCWA ETM PROTECTION - TRAIL BRIDGE CROSSING	87,600	96,800	951,500	979,300	No
21141	4267	PA51 RIDGE VALLEY, MARINE WAY TO TRABUCO - SEWER	50,000	50,000	1,064,800	1,277,600	No
21142	4467	MWRP MISCELLANEOUS REPAIR AND REPLACEMENT	170,000	281,000	3,076,600	3,307,900	No

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21146	4286	MWRP BIOSOLIDS AND ENERGY RECOVERY FACILITIES	52,512,700	54,043,700	196,465,500	202,200,500	No
21151	5491	SEWER LATERAL & MAIN REPLACEMENT 15/16	218,900	237,400	218,900	237,400	No
21156	4648	PA51 LQ ST FROM O ST TO LY ST SEWER	17,000	19,100	255,200	310,800	No
21158	4653	PA51 C ST FROM TRABUCO RD TO LQ ST SEWER	16,500	16,500	403,700	524,000	No
21159	4824	PA51 LV ST FROM RIDGE VALLEY TO LY ST 18" SEWER	20,100	24,400	310,200	421,200	No
21163	4985	PETERS CANYON WATER CAPTURE AND REUSE PIPELINE	5,438,200	5,565,200	10,959,800	11,446,400	No
21165	5016	PA51 C ST FROM LV ST TO TRABUCO SEWER	24,400	30,100	370,700	491,000	No
21167	5469	MWRP FPS 2 ROOF REPLACEMENT	210,200	250,400	256,000	306,900	No
21168	5470	NEWPORT COAST SLS AND FM RECOATING	244,200	304,300	552,200	691,100	No
21169	5450	CULVER DRIVE SMH IMPROVEMENTS	328,700	373,800	368,000	437,200	No
21170	5186	SJM SLS UPGRADE	1,200	3,100	153,500	194,900	No
21171	5456	SEWER GEN SYS MODS 15/16	330,000	330,000	330,000	330,000	No
21181	5174	MAIN ST DIVERSION STRUCTURE GROUND SETTLING	1,800	4,400	191,400	241,400	No
21182	5448	PLANO LIFT STATION FORCE MAIN RELOCATION (SMWD)	291,900	291,900	583,000	583,000	No
21183	5301	RAISE MANHOLES TO GRADE 15/16 UNDER RA	110,000	110,000	110,000	110,000	No
21188	5427	WATER RECYCLING PLANT MASTER PLAN UPDATE	202,800	271,000	550,000	735,000	No
21191	5409	OPS DATABASE MANAGEMENT SYSTEM	173,700	187,600	346,500	374,300	No
21205	5520	MAINTENANCE ACCESS FOR FOUR SEWER REACHES	1,400	3,300	368,000	409,400	No
21213	5535	PA51 LQ ST FROM BOSQUE TO Z ST 12" SEWER	647,000	739,000	1,510,300	1,880,300	No
21216	5788	PA51 ALTON PKWY SS RELOCATION 12" AND 18"	1,321,800	1,623,900	1,832,300	2,461,300	No
21217	6010	TUSTIN LEGACY PARK AVE FROM JAMBOREE TO VICTORY S	36,700	42,900	64,900	83,500	No
21219	6048	PA51 MARINE WAY, ALTON TO BARRANCA 18" SS	911,200	1,050,000	1,424,500	1,776,000	No
21234	6167	OPS CENTER PERMANENT GENERATOR	3,400	8,600	618,800	729,900	No
21235	6067	WOODHOLLOW SEWER REPLACEMENT	3,400	8,600	398,200	490,800	No
21287	6400	NEWPORT COAST SLS IMPROVEMENTS	291,100	353,300	574,200	731,600	No
21288	6402	MBR BLOWER ROOM SAFETY PLATFORM	11,100	12,100	144,000	157,000	No
21378	1062	TUSTIN LEGACY MASTER SEWER FACILITIES	400	1,000	1,115,400	1,208,000	No
21379	1066	TUSTIN LEGACY TUSTIN RANCH ROAD	1,600	1,600	1,090,400	1,180,600	No
21469	1167	GREAT PARK COORDINATION AND SAMP UPDATE	11,200	17,400	99,000	154,500	No
21560	1436	LAKE FOREST SEWER OFFSITE IMPROVEMENTS	1,400	3,700	3,280,200	3,905,500	No
21562	1445	LAKE FOREST SEWER OPPORTUNITY AREAS	900	2,500	1,647,800	1,903,300	No
21598	1549	HQ LIGHTING RETROFIT & CEILING REPLACE	45,400	66,800	225,000	331,500	No
21619	3567	ENTERPRISE ASSET MGMT SOFTWARE IMPLEMENTATION	473,300	683,200	2,432,100	3,264,700	No

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21660	3980	PA51 TRABUCO RD, SR133 TO LY ST SEWER	3,600	3,600	161,700	212,700	No
21671	4263	PA51 RIDGE VALLEY, TRABUCO TO IRVINE BLVD - SS	21,300	24,600	436,700	557,000	No
21704	4433	MECH & ELEC SYS REPLACEMENT - SEWER 15/16	440,000	440,000	440,000	440,000	No
21711	4395	ID CONSOLIDATION PROJECT ACCOUNTING IMPLEMENTAT	501,600	723,600	1,254,000	1,809,000	No
21723	4651	PA51 LY ST FROM LQ ST TO IRVINE BLVD SEWER	134,900	148,600	1,662,200	1,958,200	No
21748	5412	SCSMP UPDATE AND LONG-TERM FLOW MONITORING	578,400	763,700	1,155,000	1,525,000	No
21781	5445	PORTABLE DIESEL GENERATOR REPLACEMENT - SEWER	293,900	293,900	880,000	880,000	No
21789	5435	GIS SUPPORT APPLICATIONS 15/16 - SEWER	60,000	94,200	60,000	94,200	No
21796	5438	HYDRAULIC MODELING 15/16 SEWER	44,000	62,500	44,000	62,500	No
21806	5817	PA51 ALTON, TECHNOLOGY TO MUIRLANDS SS RELOCATIO	819,100	880,600	1,326,300	1,474,300	No
21809	6017	PA51 IRVINE BLV LAMBERT TO Z ST 16" SS	15,300	19,100	28,600	39,800	No
21814	6053	2015 IRVINE ANNUAL ST REHAB, SEWER	233,200	251,700	233,200	251,700	No
21826	6204	GIS SUPPORT APPLICATIONS 16/17 - SEWER	60,000	94,200	60,000	94,200	No
21849	6161	CENTRALIZED CONTROL ROOM AT MWRP	1,800	4,400	170,000	211,600	No
21866	6110	TUSTIN LEGACY PARK AVE & MOFFETT DR 16" & 15" SS	58,700	82,200	162,800	214,700	No
21879	6122	VAULT LID REPLACEMENT - SEWER	1,700	4,300	96,300	146,300	No
21889	6184	BUSINESS INTELLIGENCE SOFTWARE UPGRADE	84,200	127,300	126,500	191,300	No
30245	1716	PA1 ORCHARD HILLS NEIGHBORHOOD 3	2,700	7,300	326,700	391,600	No
30246	1722	PA1 ORCHARD HILLS NEIGHBORHOOD 4	16,400	16,400	566,500	640,600	No
30280	1762	PA9B PHASE 5 GATEWAY PARK RW PIPES	6,400	8,200	506,100	620,900	No
30331	1813	SANTIAGO DAM & OUTLET TWR SEISMIC STABILITY	86,400	110,600	282,700	384,500	No
30366	1015	TECHNOLOGY DR AND LAGUNA CANYON RD RW ZONE B	3,400	3,400	3,223,500	3,556,500	No
30381	3780	SAN JOAQUIN RESERVOIR LINER REPLACEMENT	35,000	96,400	2,625,000	2,717,500	No
30382	3808	SYPHON RESERVOIR EXPANSION	88,100	140,300	60,169,200	61,020,200	Yes
30388	4147	PA51 MARINE WAY RW ZNB	206,900	244,100	365,200	467,100	No
30394	4278	PA51 RIDGE VALLEY, MARINE WAY TO TRABUCO - RW	38,600	42,900	464,200	538,300	No
30402	4328	WELL REHAB PROGRAM RW 13/14 THRU 15/16	11,500	13,100	930,300	1,070,900	No
30403	4402	WELL REHAB NO. 1 (RW)	228,700	284,100	401,500	475,600	No
30406	5498	1" TO 2" METER REPLACEMENT-RW 15/16	140,300	154,200	140,300	154,200	No
30408	4388	REG RW - MULTI-ZONE BPS - ZONE A TO SYPHON	90,100	186,700	2,989,500	3,285,600	No
30409	4457	REG RW - MULTI-ZONE BPS - ZONE B	38,900	87,300	2,532,700	2,791,800	No
30410	4400	REG RW - MULTI-ZONE BPS - ZONE C	98,100	194,700	3,624,700	3,920,800	No
30415	4396	CATHODIC PROTECTION FOR GAP PIPE SEGMENT	58,800	72,800	352,000	413,100	No

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30416	4318	PA40 PH3B RW CAPITAL FACILITIES	300	300	165,000	200,200	No
30420	4514	PA5B PHASE 1A AND 1B 36" RW	414,900	445,200	1,769,400	1,936,000	No
30421	4515	PA5B IRVINE BLVD 8" ZONE B RW	83,300	100,000	100,100	131,700	No
30424	4528	PA40 NEIGHBORHOOD 2G BACKBONE RW FACILITIES	200	200	108,900	144,100	No
30426	4557	PA6 PHASE 1 NEIGHBORHOOD 3 ZONE C RW	133,800	152,500	315,700	380,600	No
30427	4647	PA51 LY ST FROM TRABUCO RD TO LQ ST RW	15,600	19,900	205,700	289,000	No
30428	4717	PA1 ORCHARD HILLS NH 2 - 6" ZNB & 6" ZNC RW	800	800	238,700	322,000	No
30430	4753	PA5B PHASE 2 6" RW	38,600	42,800	57,200	68,400	No
30435	4959	RATTLESNAKE SODIUM HYPOCHLORITE STORAGE AND FEE	1,403,800	1,490,500	2,430,900	2,662,200	No
30445	1056	PA39 PHASE 1 RW PIPELINES	200	200	180,400	221,200	No
30447	4984	TUSTIN LEGACY ARMSTRONG ZONE A & WARNER ZONE A R	133,500	155,800	773,300	976,800	No
30449	4990	PA1 ORCHARD HILLS NEIGHBORHOOD 2, 6" ZNC RW	500	500	84,700	95,900	No
30453	5156	LAGUNA CANYON RD RW PIPELINE CORROSION REPLACE	2,000	4,600	588,500	644,100	No
30455	5153	SJR ACTUATOR REPAIR/REPLACEMENT	23,900	29,000	254,700	310,200	No
30461	5154	SJR SEISMIC EVALUATION (DSOD)	1,100	2,800	150,700	215,500	No
30482	5503	WELL 78 SPARE PUMP AND MOTOR PURCHASE	138,300	138,300	276,100	276,100	No
30487	5168	PA18S HIDDEN CANYON 36" RW PIPELINE	6,200	6,200	2,103,200	2,380,700	No
30495	5476	REG RW - RATTLESNAKE BPS PUMP UPGRADE	40,500	58,900	990,000	1,054,900	No
30496	5407	ILP NORTH CONVERSION - RESERVOIR	703,800	798,600	6,108,500	6,487,800	No
30501	5243	PA6 NEIGHBORHOOD 4B 6" RW ZONE D	288,700	347,700	526,900	649,100	No
30502	5522	WEIR CANYON VALVE VAULT PLC UPGRADE	2,200	3,400	108,900	127,500	No
30503	5758	PA51 SOCIABLE ST FROM Z TO B ST 12" & 16" ZONE B	137,400	155,900	240,900	296,500	No
30508	5763	PA6 NEIGHBORHOOD 5A RW ZONE D	76,700	88,500	132,000	159,800	No
30512	5785	TUSTIN LEGACY BARRANCA FROM ARMSTRONG TO ASTON	247,000	297,800	344,300	455,500	No
30513	5823	ILP NORTH CONVERSION - PIPELINES	724,900	850,600	7,494,600	8,096,000	No
30516	5919	PA1 ORCHARD HILLS, NEIGHBORHOOD 1, 16" ZONE C	185,200	222,600	294,800	389,300	No
30517	1096	LAKE FOREST CONTROL AND TELEMETRY SYS REPLACEMENT	22,900	41,400	168,300	297,800	No
30530	6055	SYPHON RESERVOIR SLIDE GATE REPLACEMENT	114,500	125,100	238,700	286,900	No
30534	6056	PA40 8TH ST RIDGE VALLEY TO C ST CAPITAL 6" RW	109,100	122,700	136,400	164,200	No
30552	6216	REG RW - NORTHWOOD ZONE B BPS UPGRADE	64,900	92,500	2,588,500	2,681,200	No
30560	6242	RW IMPROVEMENTS FOR OFF-SITE 15/16	82,500	99,500	82,500	99,500	No
30561	6243	RW IMPROVEMENTS FOR OFF-SITE 16/17	82,500	99,500	82,500	99,500	No
30569	6244	RW IMPROVEMENTS FOR OFF-SITE 17/18	82,500	99,500	82,500	99,500	No

IRVINE RANCH WATER DISTRICT
2015/16 Capital Budget
Project Expenditures by Project Number

<u>EPMS No.</u>	<u>EBS No.</u>	<u>Project Title</u>	<u>FY Direct</u>	<u>FY Dir + GA</u>	<u>Total Direct</u>	<u>Total Dir + GA</u>	<u>Flag</u>
30570	6198	REG RW - IIC ZONE B BPS UPGRADES	69,500	80,500	1,606,100	1,650,500	No
30571	6197	REG RW - 20"ZN B PIPE CONSTRUCTION & CONVERSION	49,500	75,300	3,152,600	3,238,600	No
30572	6298	PIEZOMETER ACCESS AT RATTLESNAKE SYPHON & SAND CY	4,400	11,500	242,100	297,700	No
30573	6470	LAKE FOREST RW OPP AREA ZONE C CONVERSION.	800	2,100	997,800	1,164,500	No
30797	1308	PA6 RW PIPELINES	300	300	620,500	697,300	No
31057	1611	ENG PLANNING STUDY RESERVE 15/16 RW	176,000	287,000	176,000	287,000	No
31156	4649	PA51 LQ ST FROM O ST TO LY ST RW	5,100	6,100	78,100	104,100	No
31159	4825	PA51 LV ST FROM RIDGE VALLEY TO LY ST 12" RW	20,900	25,200	321,200	423,000	No
31213	5536	PA51 LQ ST FROM BOSQUE TO Z ST 12" RW	226,700	275,900	383,900	485,700	No
31378	1101	TUSTIN LEGACY MASTER RW FACILITIES	600	1,600	1,544,900	1,733,600	No
31379	3435	TUSTIN LEGACY TUSTIN RANCH ROAD	1,800	1,800	1,210,700	1,331,000	No
31562	1517	LAKE FOREST RW OPPORTUNITY AREAS	1,400	3,600	2,137,900	2,459,900	No
31598	1257	HQ LIGHTING RETROFIT & CEILING REPLACE	10,400	16,200	50,000	78,700	No
31605	1229	PA40 PH2 RW FACILITIES	300	300	216,700	263,000	No
31640	3735	PA39 PH2 RW FACILITIES	3,600	5,400	226,600	261,800	No
31660	3983	PA51 TRABUCO RD, SR133 TO LY ST RW	12,100	12,100	480,700	591,200	No
31671	4264	PA51 RIDGE VALLEY, TRABUCO TO IRVINE BLVD - RW	9,400	11,100	194,700	250,300	No
31696	5496	CSR METER REPLACEMENT-RW 15/16	112,200	115,900	112,200	115,900	No
31697	5486	GEN SYS MODS-RW 15/16	101,800	124,100	101,800	124,100	No
31698	5304	RAISE RW SYSTEM VALVES 15/16 UNDER RA	38,500	47,800	38,500	47,800	No
31702	5477	SERVICE LINE, VALVE & MAIN REPLACEMENT-RW 15/16	515,800	534,300	515,800	534,300	No
31704	4430	MECH & ELEC SYS REPLACEMENT - RW 15/16	484,000	484,000	484,000	484,000	No
31714	4368	TUSTIN LEGACY TUSTIN RANCH, BARRANCA, ARMSTRONG	1,600	1,600	689,700	800,700	No
31716	4511	TUSTIN LEGACY WARNER - LEGACY TO TUSTIN RANCH RW	500	500	207,900	263,500	No
31717	4513	PA5B PHASE 1A AND 1B 6" & 8" RW	156,500	178,800	298,200	363,100	No
31719	4621	PA51 LN ST FROM C ST TO LY ST RW	6,900	8,600	105,600	140,800	No
31721	4646	PA51 C ST FROM LQ ST TO O ST RW	18,300	21,200	266,200	331,100	No
31723	4652	PA51 LY ST FROM LQ ST TO IRVINE BLVD RW	73,000	88,500	938,300	1,252,800	No
31739	4681	PA18S HIDDEN CANYON 6" & 8" RW	900	900	315,700	399,100	No
31746	4989	TUSTIN LEGACY WARNER FROM ARMSTRONG TO LEGACY F	47,100	56,400	282,700	375,300	No
31781	5444	PORTABLE DIESEL GENERATOR REPLACEMENT - RW	293,900	293,900	880,000	880,000	No
31789	5434	GIS SUPPORT APPLICATIONS 15/16 - RECYCLED	60,000	94,200	60,000	94,200	No
31796	5437	HYDRAULIC MODELING 15/16 RW	44,000	62,500	44,000	62,500	No

**IRVINE RANCH WATER DISTRICT
2015/16 Capital Budget
Project Expenditures by Project Number**

<u>EPMS No.</u>	<u>EBS No.</u>	<u>Project Title</u>	<u>FY Direct</u>	<u>FY Dir + GA</u>	<u>Total Direct</u>	<u>Total Dir + GA</u>	<u>Flag</u>
31804	5757	PA51 "B" ST FROM SOCIABLE TO IRVINE BLV 16" ZN C	176,300	200,100	240,900	296,500	No
31806	5818	PA51 ALTON, TECHNOLOGY TO MUIRLANDS 16" RW	207,000	238,200	344,300	418,300	No
31809	6018	PA51 IRVINE BLV LAMBERT TO Z ST 20" RW	346,600	395,800	609,400	757,400	No
31814	6054	2015 IRVINE ANNUAL ST REHAB, RW	97,400	111,300	97,400	111,300	No
31842	6087	PA51 MARINE WAY, ALTON TO BARRANCA 16" RW ZN B	223,300	260,400	281,600	352,100	No
31866	6111	TUSTIN LEGACY PARK AVE & MOFFETT DR 16" & 6" RW	58,700	82,200	162,800	214,700	No
31879	6123	VAULT LID REPLACEMENT - RW	1,700	4,300	195,300	245,300	No
31886	6399	NEWPORT COAST JOINT BONDING PHASE 2	80,500	99,100	80,500	99,100	No
31887	6209	PA-51 MARINE WAY: SR133 TO RIDGE VALLEY 6" ZONE B	113,100	149,000	162,800	214,700	No
31890	6306	PA 51 BENCHMARK, BOSQUE TO 550'E/O BOSQUE 6" ZC	113,100	149,000	162,800	214,700	No
39410	1103	PA51 MASTER RW FACILITIES	1,500	3,900	4,893,000	5,633,000	No
Grand Total:			\$150,213,900	\$159,479,000	\$591,229,000	\$627,096,900	

IRVINE RANCH WATER DISTRICT

2015/16 Capital Budget

Flagged Projects

<u>EPMS No.</u>	<u>EBS No.</u>	<u>Project Title</u>
11881	6215	TUSTIN LEGACY REDHILL WELL ACQUISITION
15051	1402	WELLS 51/52/53 TREATMENT ALTERNATIVES STUDY
30382	3808	SYPHON RESERVOIR EXPANSION

IRVINE RANCH WATER DISTRICT
FY 2015/16 Capital Budget
Top 10 Project Groups

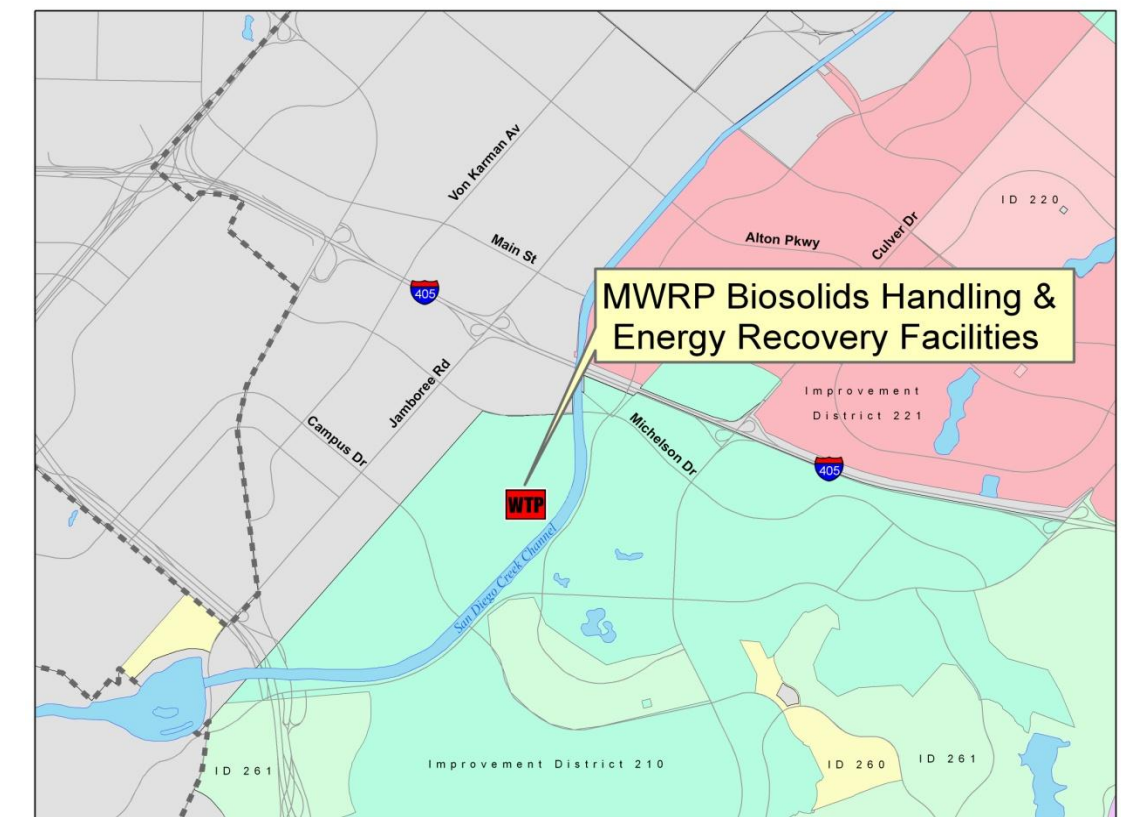
Rank by FY 15/16 Expenditure	Name of Group	FY15/16 Projected Expenditures (\$ Millions)	Expended to Date (\$ Millions)	Projected Future Expenditures (\$ Millions)	Project Total (\$ Millions)
1	Solids Handling	53.9	68.6	75.4	197.9
2	Baker Water Treatment Plant	38.9	30.0	28.0	96.9
3	OCSD / CORF	12.2	0.0	10.7	22.9
4	Water Banking	7.1	0.5	10.7	18.3
5	Planning Area 51 (Great Park Neighborhoods)	6.9	4.4	20.1	31.4
6	Peters Canyon Channel Water Capture and Reuse	5.4	0.9	4.7	11.0
7	Annual Distribution System Repair and Rehabilitation	3.7	0.0	0.0	3.7
8	Replacement - Business Software	2.1	0.3	5.2	7.6
9	ILP North Conversion	1.4	0.1	12.1	13.6
10	Rattlesnake Sodium Hypochlorite Storage and Feed	1.4	0.3	0.7	2.4
	Subtotal for Top 10 Project Groups	\$133.0	\$105.1	\$167.6	\$405.7
	Total All Projects	\$150.2			

**Irvine Ranch Water District
Capital Improvement Project
Fiscal Year 2015/16**

Project Group Name: MWRP Biosolids and Energy Recovery Facilities

Project Description

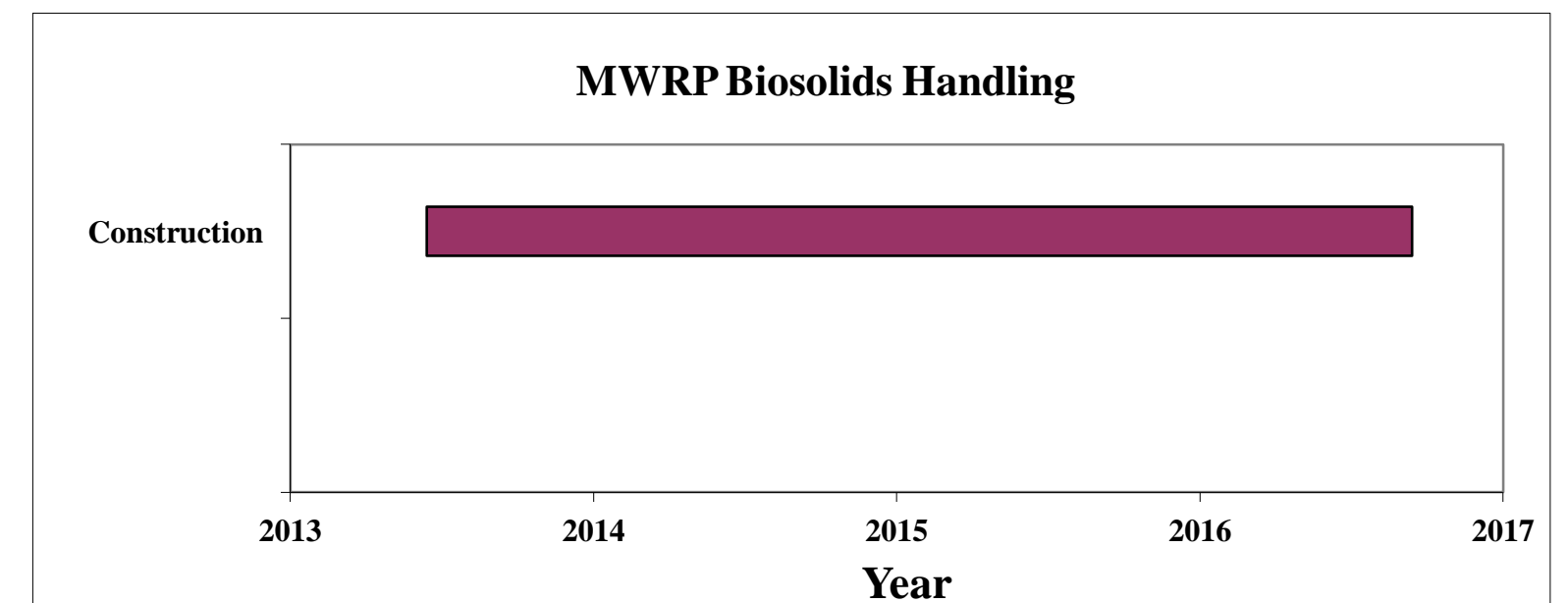
The project includes the construction of facilities for sludge thickening, acid-phase anaerobic digestion, dewatering, drying and pelletization, energy generation using micro-turbines, and use of pellets as a fertilizer or e-fuel. It will also include a solids receiving station to allow processing of dewatered sludge from the Los Alisos Water Recycled Water Plant (LAWRP). A FOG receiving station is included to increase methane production by the digesters and energy production capabilities. IRWD will cease conveyance of MWRP residuals to the OCSD system by December 2016.



FY 2015/16 Key Milestones:

Continue MWRP Biosolids and Energy Recovery Facilities Construction
Start-up sludge thickening, digestion, and dewatering facilities.

Date
Dec-16
Dec-16



Project Group Budget, Source of Funds, and Offset Summary

	New Capital	Replacement	Enhancement	Total	Comments
Total Budget	\$ 15,030,286	\$ 113,024,549	\$ 69,801,665	\$ 197,856,500	
Existing Offsets	\$ -	\$ -	\$ -	\$ -	
Potential Future Offsets	\$ -	\$ -	\$ -	\$ -	
Net Amounts	\$ 15,030,286	\$ 113,024,549	\$ 69,801,665	\$ 197,856,500	

**Irvine Ranch Water District
Capital Improvement Project
Fiscal Year 2015/16**

Oracle No.	Project	Proj Total Dir	FY15-16 Dir	Projected Future Expenditure	Expended to Date
4286	MWRP BIOSOLIDS AND ENERGY RECOVERY FACILITIES	\$ 196,465,500	\$ 52,512,700	\$ 75,392,690	\$ 68,560,110
1420	OCSD SOLIDS HANDLING 15/16	\$ 1,391,000	\$ 1,391,000	\$ -	\$ -
TOTAL		\$ 197,856,500	\$ 53,903,700	\$ 75,392,690	\$ 68,560,110

Project Status

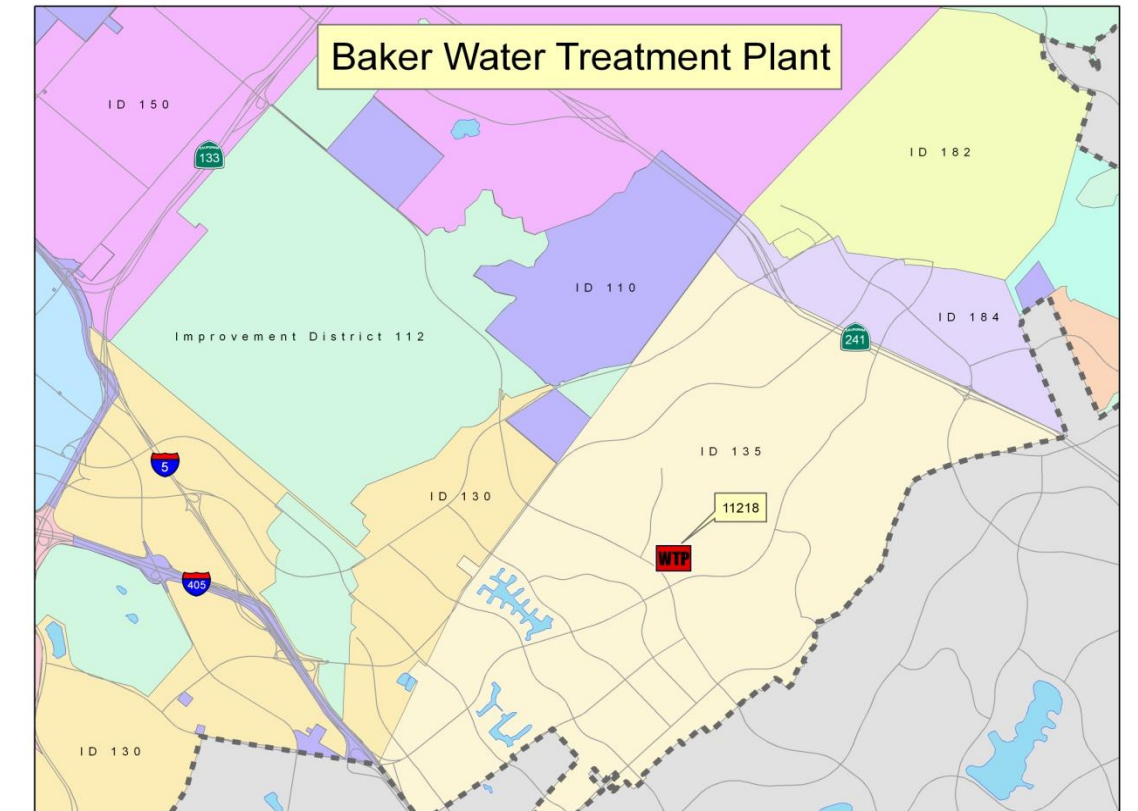
In March, 2013, the Board of Directors awarded the construction contract to Filance Balfour Beatty Joint Venture. Construction is ongoing with the MWRP Biosolids Facilities in operation by December 2016.

**Irvine Ranch Water District
Capital Improvement Project
Fiscal Year 2015/16**

Project Group Name: Baker Water Treatment Plant

Project Description

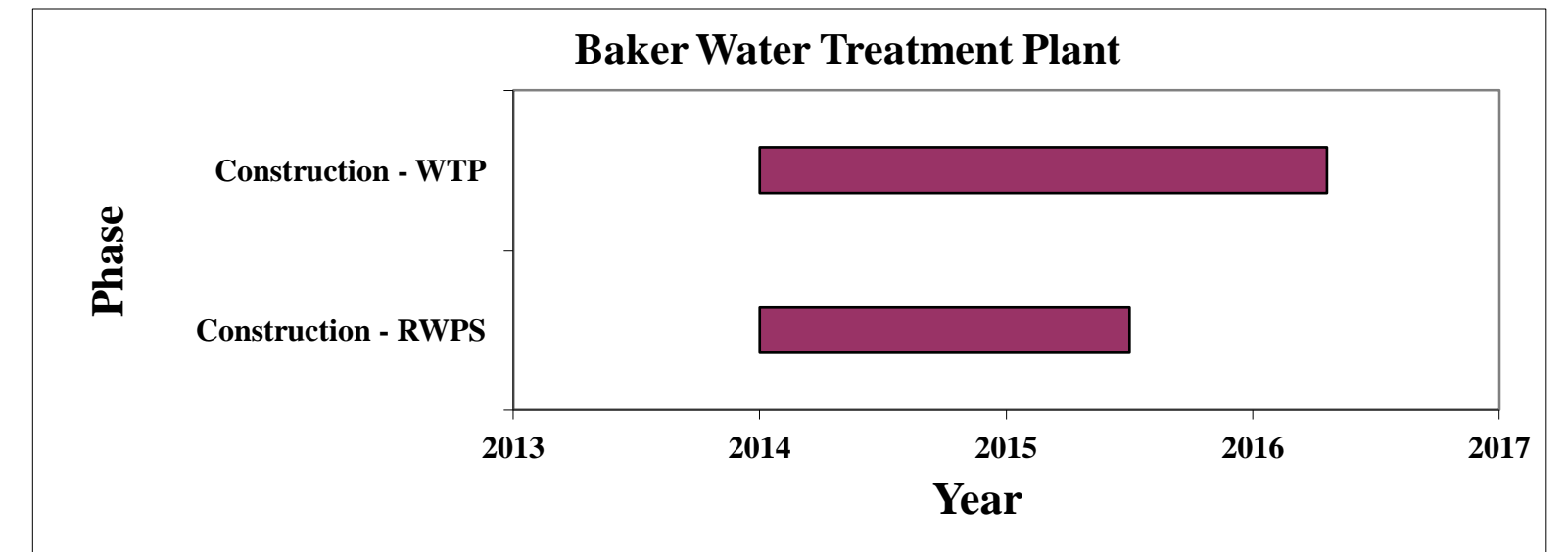
The Baker Water Treatment Plant (Baker WTP) will treat up to 28 mgd of imported untreated water from Metropolitan Water District to drinking water standards to supply potable water to IRWD and other participating water agencies in southern Orange County. Raw water from Irvine Lake can also be supplied to the plant during emergencies or when excess local runoff water is available in the lake. The raw water conveyance system consists of the Baker Pipeline and a raw water pump station near Peters Canyon Reservoir. The new treatment plant will consist of chlorine dioxide pre-treatment (for Irvine Lake water), pressurized membrane filtration, ultraviolet disinfection, and chloramination for residual disinfection. Product water will be stored in two existing 16 MG reservoirs at the site and pumped by a new product water pump station to participating agencies via the South County Pipeline. IRWD will receive its share of treated water directly from the 16 MG reservoirs through the existing distribution system. The project is being constructed under two separate contracts - one for the water treatment plant and one for the raw water pump station.



FY 2015/16 Key Milestones:

- Construction award - Raw Water Pump Station and WTP
- Construction complete - RWPS
- Construction complete - WTP

- | | |
|-------------|-----------------|
| Date | January 6, 2014 |
| | June 30, 2015 |
| | April 5, 2016 |



Project Group Budget, Source of Funds, and Offset Summary

	New Capital	Replacement	Enhancement	Total	Comments
Total Budget	\$ 18,789,288	\$ -	\$ 78,062,712	\$ 96,852,000	
Existing Offsets	\$ (14,091,966)	\$ -	\$ (58,547,034)	\$ (72,639,000)	
Potential Future Offsets	\$ -	\$ -	\$ -	\$ -	
Net Amounts	\$ 4,697,322	\$ -	\$ 19,515,678	\$ 24,213,000	

**Irvine Ranch Water District
Capital Improvement Project
Fiscal Year 2015/16**

Oracle No.	Project	Proj Total Dir	FY15-16 Dir	Projected Future Expenditure	Expended to Date
5027	BAKER WATER TREATMENT PLANT	\$ 96,852,000	\$ 38,868,400	\$ 27,967,110	\$ 30,016,490
TOTAL		\$ 96,852,000	\$ 38,868,400	\$ 27,967,110	\$ 30,016,490

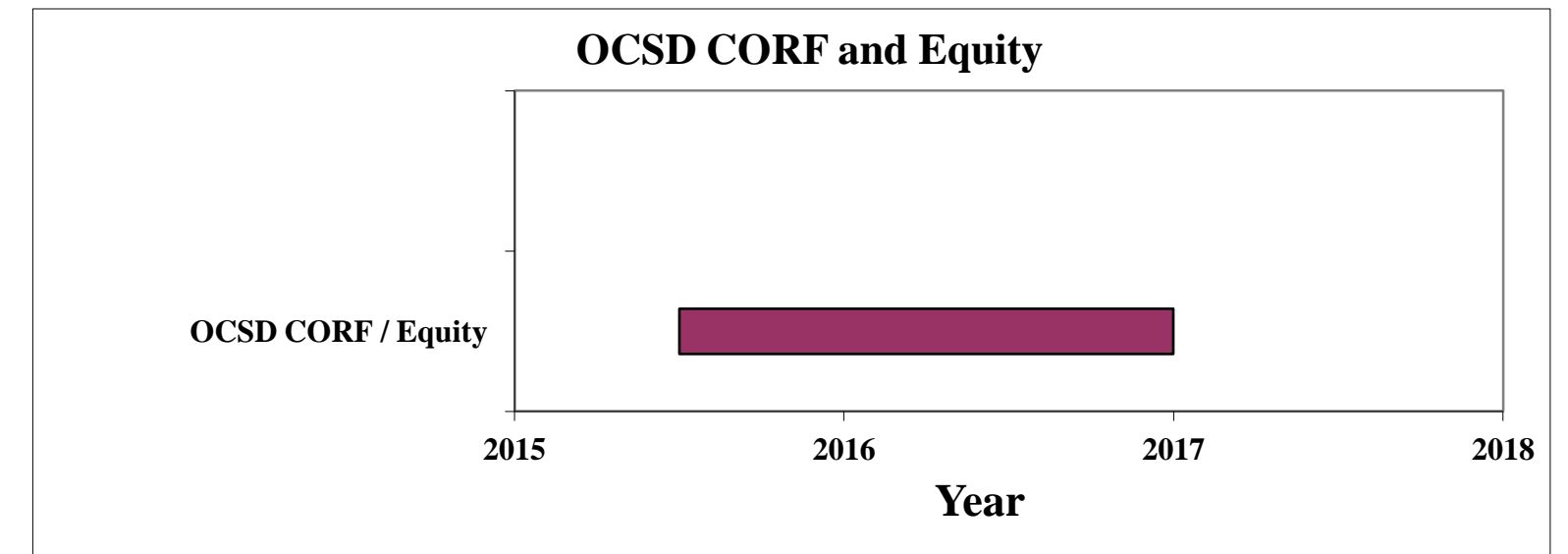
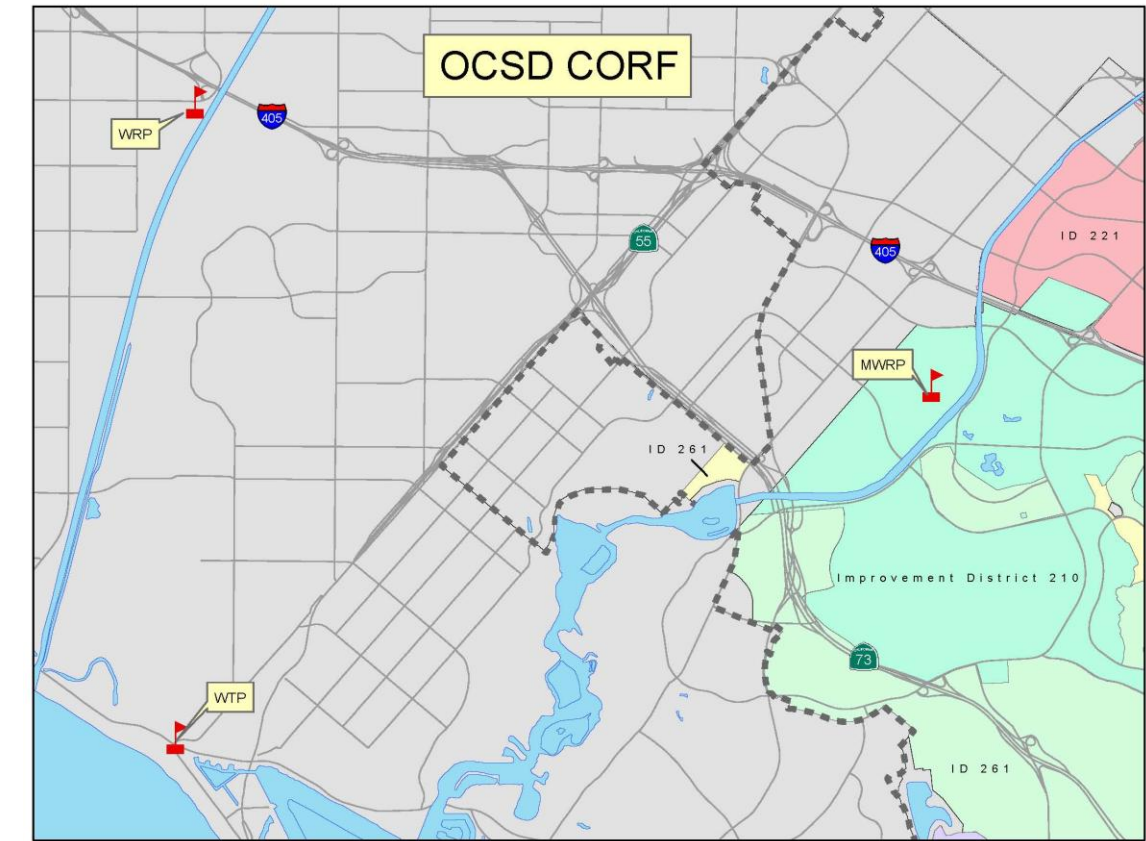
Project Status

Construction contracts were awarded for the Baker WTP and the Raw Water Pump Station in January 2014. Completion of the raw water pump station is anticipated in June 2015 and completion of the WTP is anticipated for April 2016.

**Irvine Ranch Water District
Capital Improvement Project
Fiscal Year 2015/16**

Project Group Name: OCSD CORF and Equity

OCSD's Capital Outlay Revolving Fund (CORF) funds OCSD projects such as plant upgrades for secondary treatment and the Groundwater Replenishment System (GWRS).



Project Group Budget, Source of Funds, and Offset Summary

	New Capital	Replacement	Enhancement	Total	Comments
Total Budget	\$ 4,055,586	\$ -	\$ 18,834,414	\$ 22,890,000	
Existing Offsets	\$ -	\$ -	\$ -	\$ -	
Potential Future Offsets	\$ -	\$ -	\$ -	\$ -	
Net Amounts	\$ 4,055,586	\$ -	\$ 18,834,414	\$ 22,890,000	

**Irvine Ranch Water District
Capital Improvement Project
Fiscal Year 2015/16**

Oracle No.	Project	Proj Total Dir	FY15-16 Dir	Projected Future Expenditure	Expended to Date
1552	OCSD CORF 14/15	\$ 3,502,000	\$ 705,000	\$ 2,797,000	\$ -
1508	OCSD EQUITY 14/15	\$ 6,546,000	\$ 2,194,000	\$ 4,352,000	\$ -
1554	OCSD CORF 15/16	\$ 5,988,000	\$ 4,785,200	\$ 1,202,800	\$ -
1516	OCSD EQUITY 15/16	\$ 6,854,000	\$ 4,561,100	\$ 2,292,900	\$ -
TOTAL		\$ 22,890,000	\$ 12,245,300	\$ 10,644,700	\$ -

Project Status

OCSD invoices IRWD on a quarterly basis for IRWD's share of funding OCSD construction. IRWD will continue to pay a portion of the CORF on an annual basis.

For FY 14/15 CORF payments, staff expects to pay 80% in FY14/15 and 20% in FY 15/16. For FY 15/16 CORF payments, staff expects to pay 80% in FY 15/16 and will carryover 20% to FY 16/17.

**Irvine Ranch Water District
Capital Improvement Project
Fiscal Year 2015/16**

Project Group Name: Water Banking

Project Description

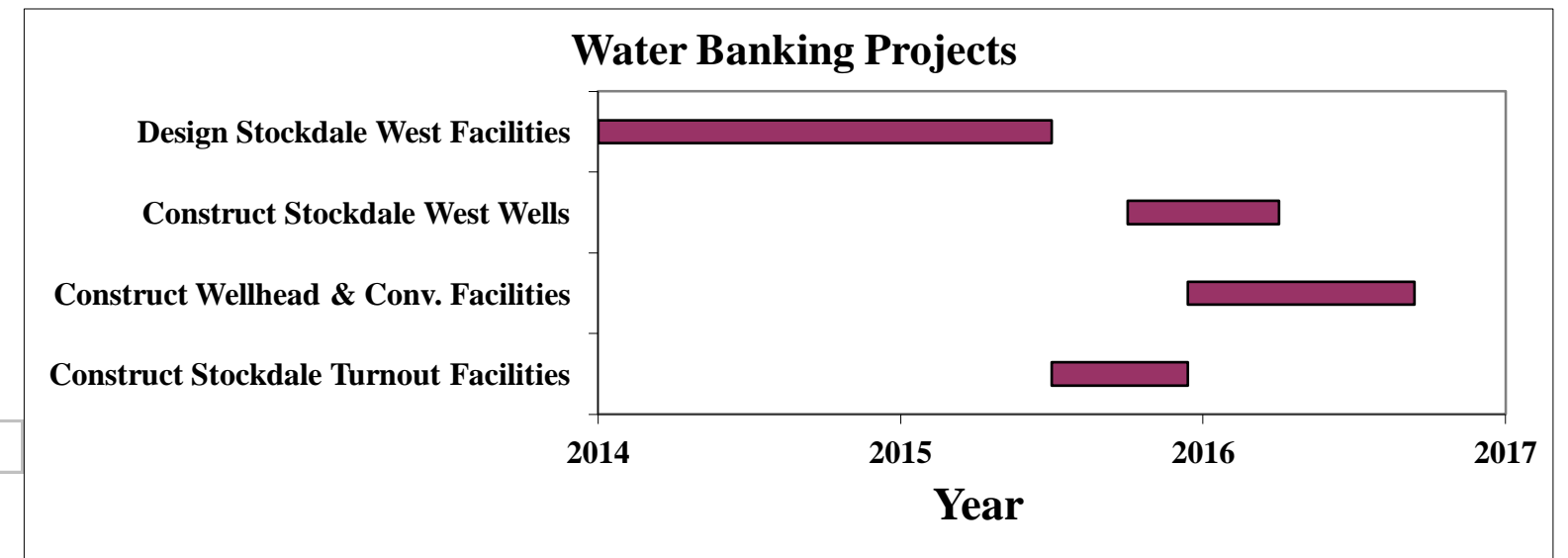
Water Banking projects provide IRWD with contingency water storage in Kern County to augment IRWD supply during dry-year periods. This group includes the following projects and features:

- Interim Strand Ranch Recharge Project** - 125 acres of recharge facilities
- Strand Ranch Integrated Banking Project** - 502 acres of recharge facilities, 50,000 af of storage, and up to 40 cfs of recovery capacity
- Strand Ranch - Cross Valley Canal Turnout Construction** - Two 100 cfs turnouts
- Cross Valley Canal Capacity Purchase** - 5 cfs capacity
- Water Bank Expansion** - Purchase of Stockdale West Ranch (323 acres)
- Jackson Ranch** – 884 acres, 1749 AF Table A State Water Project entitlement, 9,495 AF minimum storage and 6,330 AF annual recovery in Kern Water Bank
- Stockdale West** – 269 acres of recharge facilities constructed; CEQA, design and construct 3 future recovery wells, pipelines and turn-in facilities
- Strand Ranch Well Optimization & Monitoring Project** - Lowering of pumps in Strand Ranch wells to increase pumping at lower groundwater levels and install wellhead monitoring and remote telemetry equipment for monitoring
- Stockdale West Turnout Facilities Project** - Design and construct one future 100 cfs turnout from Cross Valley Canal to Stockdale West and Strand Ranch recharge basins
- Rosedale Drought Relief Project Design and Well Const-** Cost Share in the design and construction of six joint use wells and conveyance facilities to increase recovery capacity by up to 16 cfs
- Stockdale Storage for Recovery Capacity** - Future long term lease of 50,000 AF of storage capacity



FY 2015/16 Key Milestones

	Date
Design Stockdale West wellhead equipping and conveyance facilities	Jul-15
Design Stockdale West Turnout facilities	Aug-15
Stockdale Storage for Recovery Capacity	Aug-15
Rosedale Drought Relief Project Facilities wellhead design and construction	Aug-15
Begin construction of three Stockdale West wells	Sep-15
Begin construction of wellhead equipping and conveyance facilities	Nov-15
Construct Stockdale West Turnout facilities	Nov-15



Project Group Budget, Source of Funds, and Offset Summary

	New Capital	Replacement	Enhancement	Total	Comments
Total Budget	\$ 3,557,533	\$ -	\$ 14,780,267	\$ 18,337,800	
Existing Offsets	\$ -	\$ -	\$ -	\$ -	
Potential Future Offsets	\$ -	\$ -	\$ -	\$ -	
Net Amounts	\$ 3,557,533	\$ -	\$ 14,780,267	\$ 18,337,800	

**Irvine Ranch Water District
Capital Improvement Project
Fiscal Year 2015/16**

Oracle No.	Project	Proj Total Dir	FY15-16 Dir	Projected Future Expenditure	Expended to Date
5499	STOCKDALE STORAGE FOR RECOVERY CAPACITY	\$ 1,590,800	\$ 10,500	\$ 1,580,300	\$ -
6246	WATER BANKING PLANNING 15/16	\$ 115,500	\$ 115,500	\$ -	\$ -
6145	STOCKDALE WEST TURNOUT FACILITIES	\$ 2,557,500	\$ 126,300	\$ 2,431,200	\$ -
5500	WATER BANKING AGREEMENTS 14/16	\$ 484,000	\$ 242,400	\$ 209,796	\$ 31,804
3766	STOCKDALE WEST WELLHEAD EQUIPPING	\$ 4,744,900	\$ 1,377,600	\$ 2,860,413	\$ 506,887
6249	STOCKDALE WEST WELL CONSTRUCTION PROJECT	\$ 2,711,500	\$ 1,804,500	\$ 907,000	\$ -
6023	ROSEDALE DROUGHT RELIEF PROJECT FACILITIES	\$ 6,133,600	\$ 3,407,800	\$ 2,725,800	\$ -
TOTAL		\$ 18,337,800	\$ 7,084,600	\$ 10,714,508	\$ 538,692

Project Status

Certify EIR for Stockdale Integrated Banking Project (Stockdale West Wellhead Equipping)
 Construct three wells on Stockdale West property (Stockdale West Well Construction Project)
 Design equipping for three wells, pipelines and turn-ins and begin construction on Stockdale West property (Stockdale West Wellhead Equipping)
 Complete lease of 50,000 AF storage from Rosedale-Rio Bravo Water Storage District and construct two wells as part of storage lease (Stockdale Storage for Recovery Capacity)
 Participate in the Rosedale Drought Relief Project by completing design review to construct and equip six recovery wells and conveyance pipelines (Rosedale Drought Relief Project Facilities)
 Design and construct turnout facilities to Stockdale and Strand Ranch recharge basins (Stockdale West Turnout Facilities)
 Complete long term program agreements with water banking partners (Water Banking Agreements)
 Investigate potential water supply/exchange opportunities, expand of Water Rights Inventory and additional property search (Water Banking Planning)

**Irvine Ranch Water District
Capital Improvement Project
Fiscal Year 2015/16**

Project Group Name: Planning Area 51 (Great Park Neighborhoods) Development

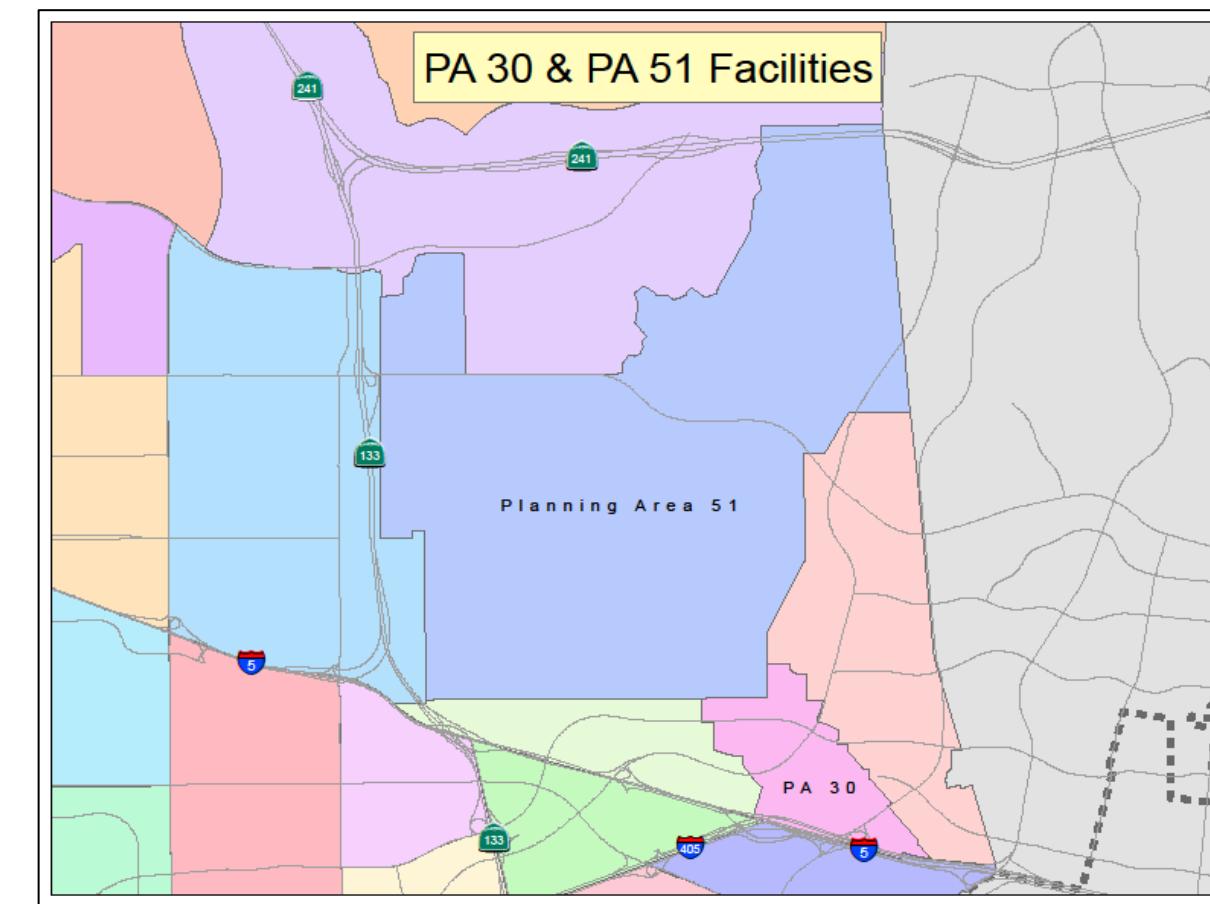
Project Description

The Fiscal Year 2015/16 development activities for the Planning Areas 30 and 51 include the infrastructure required to support the Great Park Neighborhoods "District 1", "District 3", and "District 4". The primary capital facilities planned for this year include:

"District 1" Pipelines: 12-inch domestic water pipelines, 12-inch and 18-inch sewer, and 6-inch to 16-inch recycled water pipelines throughout various "District 1" backbone streets.

"District 3" Pipelines: 12-inch domestic water pipelines, 18-inch sewer, and 10-inch to 16-inch recycled water pipelines in future Marine Way and Alton Parkway.

"District 4" Pipelines: 12-inch domestic water pipelines, 12-inch sewer, and 6-inch to 12-inch recycled water pipelines throughout "District 4".

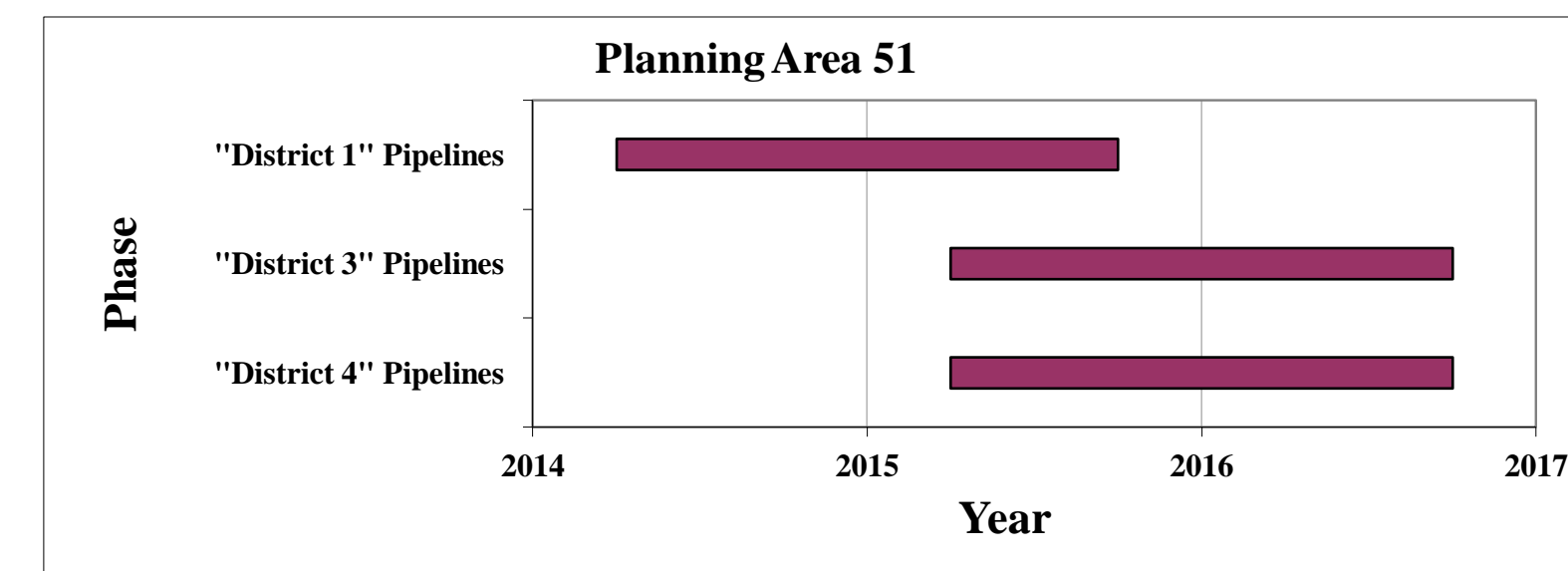


FY 2015/16 Key Milestones

- "District 1" Pipelines
- "District 3" Pipelines
- "District 4" Pipelines

Date

- Sep-15
- Sep-16
- Sep-16



Project Group Budget, Source of Funds, and Offset Summary

	New Capital	Replacement	Enhancement	Total	Comments
Total Budget	\$ 31,370,700	\$ -	\$ -	\$ 31,370,700	
Existing Offsets	\$ -	\$ -	\$ -	\$ -	
Potential Future Offsets	\$ -	\$ -	\$ -	\$ -	
Net Amounts	\$ 31,370,700	\$ -	\$ -	\$ 31,370,700	

**Irvine Ranch Water District
Capital Improvement Project
Fiscal Year 2015/16**

Oracle No.	Project	Proj Total Dir	FY15-16 Dir	Projected Future Expenditure	Expended to Date
1103	PA51 MASTER RW FACILITIES	\$ 4,893,000	\$ 1,500	\$ 4,891,500	\$ -
1167	GREAT PARK COORDINATION AND SAMP UPDATE	\$ 99,000	\$ 11,200	\$ 77,945	\$ 9,855
1466	PA51 MASTER DW FACILITIES	\$ 5,680,500	\$ 1,800	\$ 5,678,700	\$ -
1642	PA51 MASTER SS FACILITIES	\$ 1,028,500	\$ 300	\$ 1,028,200	\$ -
3977	PA51 TRABUCO RD, SR133 TO LY ST DW	\$ 156,200	\$ 3,300	\$ 49,361	\$ 103,539
3980	PA51 TRABUCO RD, SR133 TO LY ST SEWER	\$ 161,700	\$ 3,600	\$ 39,041	\$ 119,059
3983	PA51 TRABUCO RD, SR133 TO LY ST RW	\$ 480,700	\$ 12,100	\$ 154,238	\$ 314,362
4147	PA51 MARINE WAY RW ZNB	\$ 365,200	\$ 206,900	\$ 158,300	\$ -
4153	PA51 MARINE WAY DW ZN3	\$ 332,200	\$ 192,200	\$ 140,000	\$ -
4261	PA51 RIDGE VALLEY, TRABUCO TO IRVINE BLVD - DW	\$ 723,800	\$ 35,400	\$ 92,717	\$ 595,683
4263	PA51 RIDGE VALLEY, TRABUCO TO IRVINE BLVD - SS	\$ 436,700	\$ 21,300	\$ 106,709	\$ 308,691
4264	PA51 RIDGE VALLEY, TRABUCO TO IRVINE BLVD - RW	\$ 194,700	\$ 9,400	\$ 181,891	\$ 3,409
4267	PA51 RIDGE VALLEY, MARINE WAY TO TRABUCO - SEWER	\$ 1,064,800	\$ 50,000	\$ 311,981	\$ 702,819
4268	PA51 RIDGE VALLEY, MARINE WAY TO TRABUCO - DW	\$ 486,200	\$ 39,500	\$ 192,089	\$ 254,611
4278	PA51 RIDGE VALLEY, MARINE WAY TO TRABUCO - RW	\$ 464,200	\$ 38,600	\$ 425,600	\$ -
4620	PA51 LN ST FROM C ST TO LY ST DW	\$ 172,700	\$ 11,800	\$ 30,117	\$ 130,783
4621	PA51 LN ST FROM C ST TO LY ST RW	\$ 105,600	\$ 6,900	\$ 96,468	\$ 2,232
4645	PA51 C ST FROM LQ ST TO O ST DW	\$ 161,700	\$ 10,500	\$ 45,515	\$ 105,685
4646	PA51 C ST FROM LQ ST TO O ST RW	\$ 266,200	\$ 18,300	\$ 145,458	\$ 102,442
4647	PA51 LY ST FROM TRABUCO RD TO LQ ST RW	\$ 205,700	\$ 15,600	\$ 190,100	\$ -
4648	PA51 LQ ST FROM O ST TO LY ST SEWER	\$ 255,200	\$ 17,000	\$ 51,486	\$ 186,714
4649	PA51 LQ ST FROM O ST TO LY ST RW	\$ 78,100	\$ 5,100	\$ 72,657	\$ 343
4650	PA51 LY ST FROM LQ ST TO IRVINE BLVD DW	\$ 51,700	\$ 3,100	\$ 20,967	\$ 27,633
4651	PA51 LY ST FROM LQ ST TO IRVINE BLVD SEWER	\$ 1,662,200	\$ 134,900	\$ 710,227	\$ 817,073
4652	PA51 LY ST FROM LQ ST TO IRVINE BLVD RW	\$ 938,300	\$ 73,000	\$ 865,300	\$ -
4653	PA51 C ST FROM TRABUCO RD TO LQ ST SEWER	\$ 403,700	\$ 16,500	\$ 198,833	\$ 188,367
4824	PA51 LV ST FROM RIDGE VALLEY TO LY ST 18" SEWER	\$ 310,200	\$ 20,100	\$ 88,854	\$ 201,246
4825	PA51 LV ST FROM RIDGE VALLEY TO LY ST 12" RW	\$ 321,200	\$ 20,900	\$ 111,336	\$ 188,965
5016	PA51 C ST FROM LV ST TO TRABUCO SEWER	\$ 370,700	\$ 24,400	\$ 345,874	\$ 426
5535	PA51 LQ ST FROM BOSQUE TO Z ST 12" SEWER	\$ 1,510,300	\$ 647,000	\$ 863,300	\$ -
5536	PA51 LQ ST FROM BOSQUE TO Z ST 12" RW	\$ 383,900	\$ 226,700	\$ 157,200	\$ -
5756	PA51 "B" ST FROM SOCIABLE TO IRVINE BLV 12" ZN 4	\$ 176,000	\$ 125,000	\$ 51,000	\$ -
5757	PA51 "B" ST FROM SOCIABLE TO IRVINE BLV 16" ZN C	\$ 240,900	\$ 176,300	\$ 64,600	\$ -
5758	PA51 SOCIABLE ST FROM Z TO B ST 12" & 16" ZONE B	\$ 240,900	\$ 137,400	\$ 103,500	\$ -
5788	PA51 ALTON PKWY SS RELOCATION 12" AND 18"	\$ 1,832,300	\$ 1,321,800	\$ 510,500	\$ -
5816	PA51 ALTON, TECHNOLOGY TO MUIRLANDS 12" DW	\$ 177,100	\$ 103,300	\$ 73,800	\$ -
5817	PA51 ALTON, TECHNOLOGY TO MUIRLANDS SS RELOCATION	\$ 1,326,300	\$ 819,100	\$ 507,200	\$ -
5818	PA51 ALTON, TECHNOLOGY TO MUIRLANDS 16" RW	\$ 344,300	\$ 207,000	\$ 137,300	\$ -
6016	PA51 IRVINE BLV LAMBERT TO Z ST 12" DW	\$ 34,100	\$ 19,000	\$ 15,100	\$ -
6017	PA51 IRVINE BLV LAMBERT TO Z ST 16" SS	\$ 28,600	\$ 15,300	\$ 13,300	\$ -
6018	PA51 IRVINE BLV LAMBERT TO Z ST 20" RW	\$ 609,400	\$ 346,600	\$ 262,800	\$ -
6048	PA51 MARINE WAY, ALTON TO BARRANCA 18" SS	\$ 1,424,500	\$ 911,200	\$ 513,300	\$ -
6086	PA51 MARINE WAY FROM ALTON TO BARRANCA 12" DW ZN 3	\$ 238,700	\$ 187,100	\$ 51,600	\$ -
6087	PA51 MARINE WAY, ALTON TO BARRANCA 16" RW ZN B	\$ 281,600	\$ 223,300	\$ 58,300	\$ -
6208	PA-51 MARINE WAY: SR133 TO RIDGE VALLEY 12" ZONE 3	\$ 162,800	\$ 113,100	\$ 49,700	\$ -
6209	PA-51 MARINE WAY: SR133 TO RIDGE VALLEY 6" ZONE B	\$ 162,800	\$ 113,100	\$ 49,700	\$ -
6304	PA 51 BENCHMARK, BOSQUE TO 550'E/O BOSQUE 12" Z4R	\$ 162,800	\$ 113,100	\$ 49,700	\$ -
6306	PA 51 BENCHMARK, BOSQUE TO 550'E/O BOSQUE 6" ZC	\$ 162,800	\$ 113,100	\$ 49,700	\$ -
		\$ 31,370,700	\$ 6,923,700	\$ 20,083,063	\$ 4,363,937

Project Status

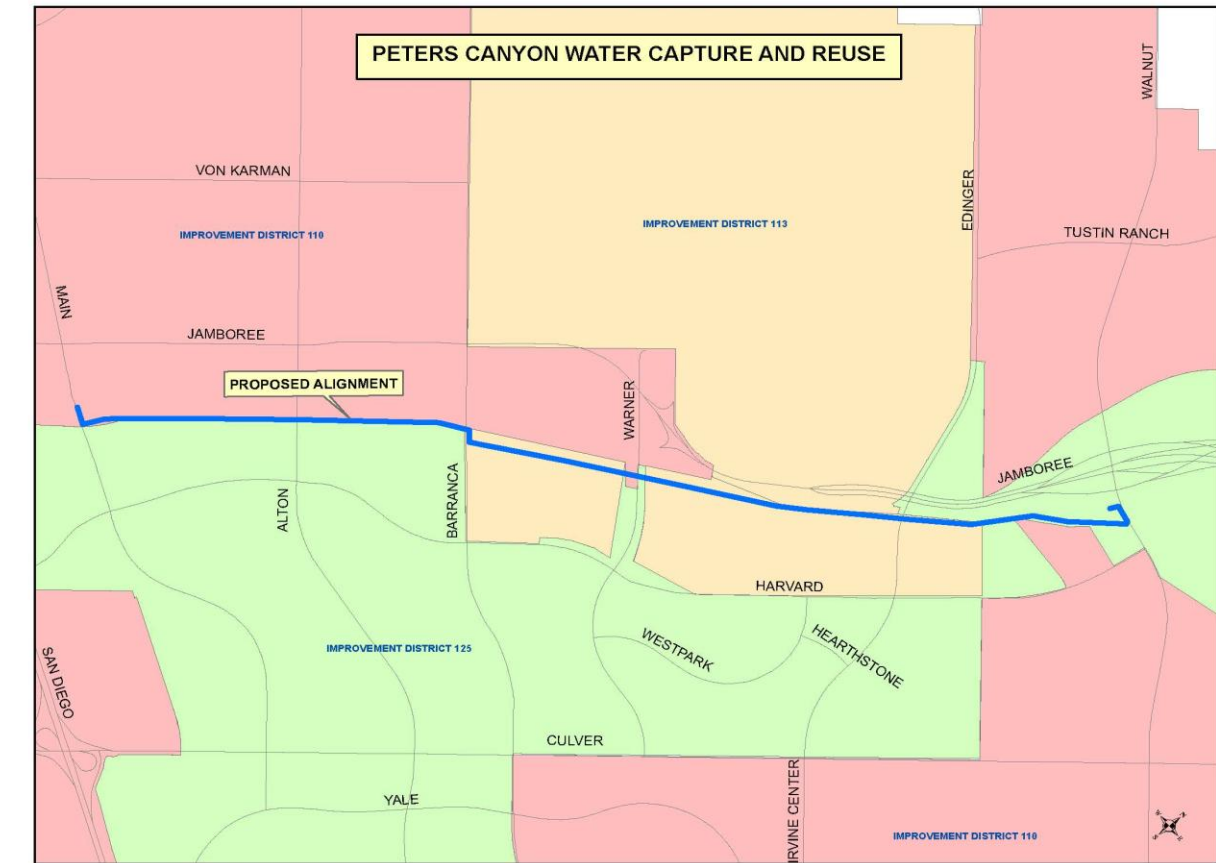
Construction of "District 1" pipelines in backbone streets is scheduled to be complete in September 2015. Construction of "District 3" and "District 4" pipelines and facilities is scheduled to be complete in September 2016.

**Irvine Ranch Water District
Capital Improvement Project
Fiscal Year 2015/16**

Project Group Name: Peters Canyon Channel Water Capture and Reuse Pipeline

Project Description

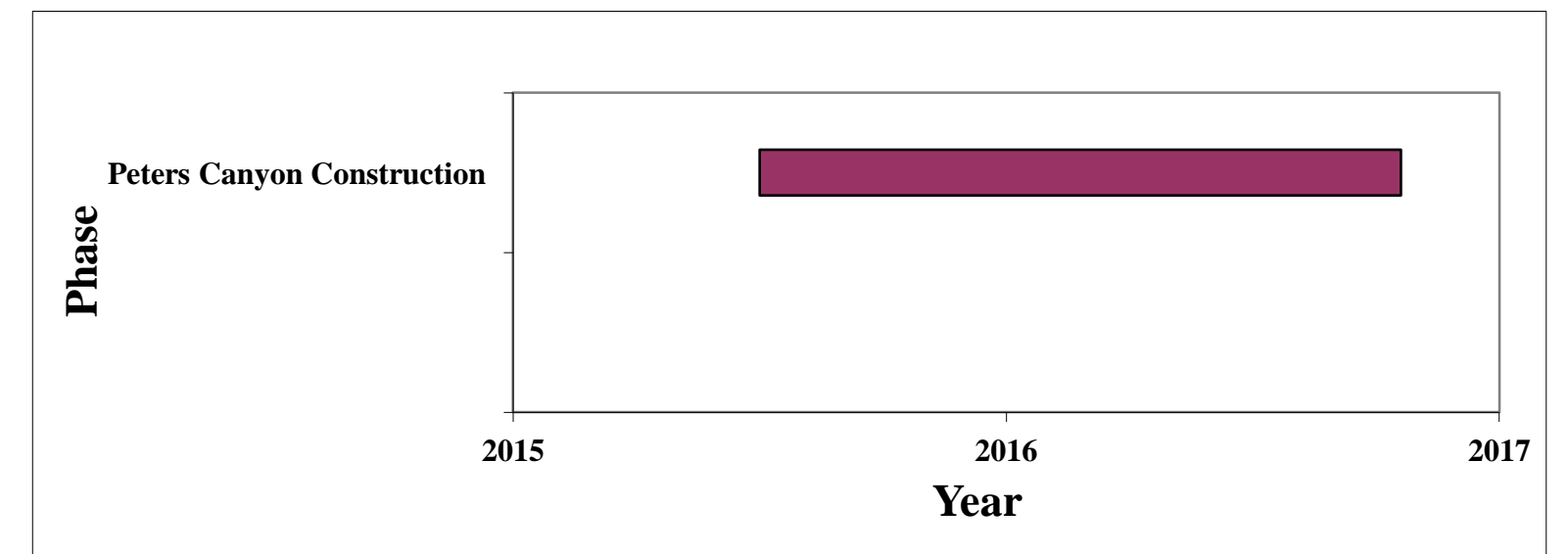
The County of Orange, Orange County Flood Control District (OC Flood), City of Irvine, City of Tustin, California Department of Transportation (Caltrans), and Irvine Ranch Water District (IRWD) are collectively proceeding with the Peters Canyon Channel Wash Water Capture and Reuse Pipeline Project for the disposal of Peters Canyon Channel flows that contain high nitrate and selenium concentrations. The purpose of the project is to divert these high selenium nuisance flows from specific locations within the Cities of Irvine and Tustin and to deliver these flows to the Orange County Sanitation District's (OCSD) sewer system for treatment and reuse. The project begins at the existing Caltrans Groundwater Treatment Facility on Walnut, with three diversion structures along the pipeline alignment at Como Channel, Edinger, and Moffett Ave., ultimately connecting to the existing IRWD sewer that discharges to an OCSD trunk sewer in Main Street. Per the cooperative agreement among the project partners executed on December 12, 2013, IRWD will be reimbursed for all capital costs during design and construction. IRWD will have responsibility for operation and maintenance of the completed project for the term of the agreement and will contribute annual operations and maintenance costs up to a maximum amount of \$60,000 per year.



FY 2015/16 Key Milestones

Notice to Proceed - Construction
Construction Complete

Date
Jun-15
Aug-16



Project Group Budget, Source of Funds, and Offset Summary

	New Capital	Replacement	Enhancement	Total	Comments
Total Budget	\$ 1,941,826	\$ -	\$ 9,017,974	\$ 10,959,800	
Existing Offsets	\$ (1,941,826)	\$ -	\$ (9,017,974)	\$ (10,959,800)	
Potential Future Offsets	\$ -	\$ -	\$ -	\$ -	
Net Amounts	\$ 0	\$ -	\$ -	\$ -	

**Irvine Ranch Water District
Capital Improvement Project
Fiscal Year 2015/16**

Oracle No.	Project	Proj Total Dir	FY15-16 Dir	Projected Future Expenditure	Expended to Date
4985	PETERS CANYON WATER CAPTURE AND REUSE PIPELINE	\$ 10,959,800	\$ 5,438,200	\$ 4,604,271	\$ 917,330
TOTAL		\$ 10,959,800	\$ 5,438,200	\$ 4,604,271	\$ 917,330

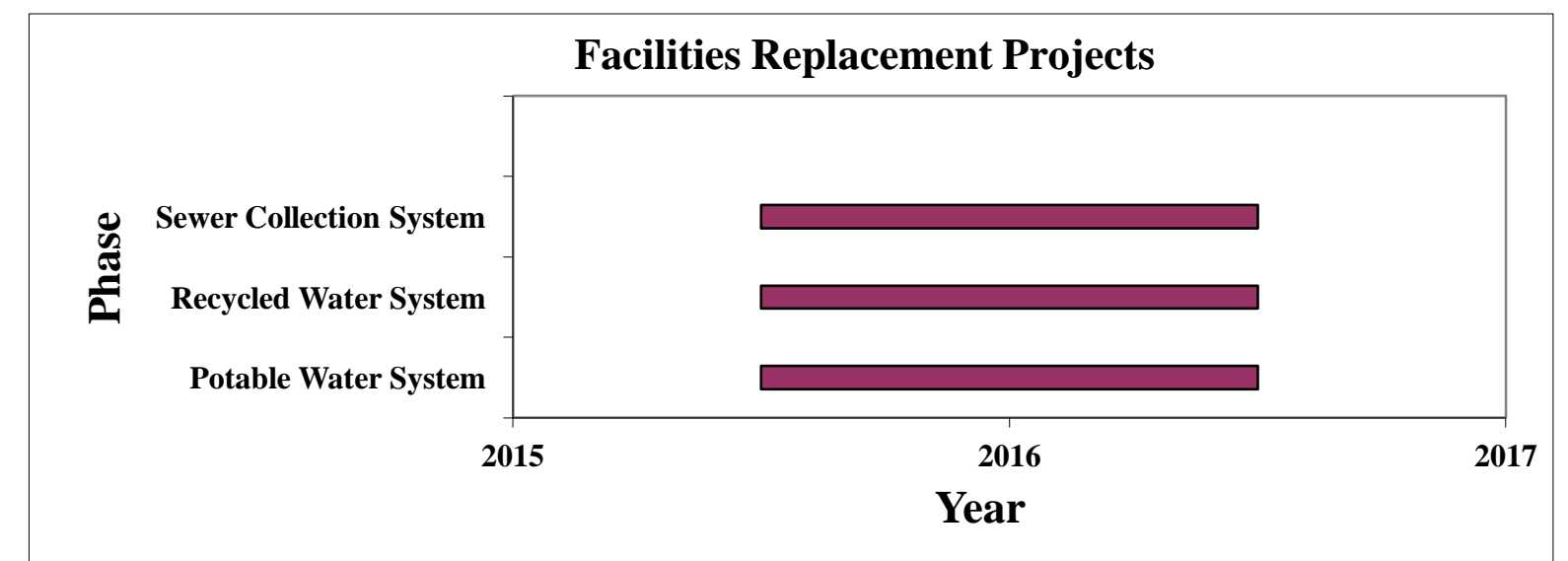
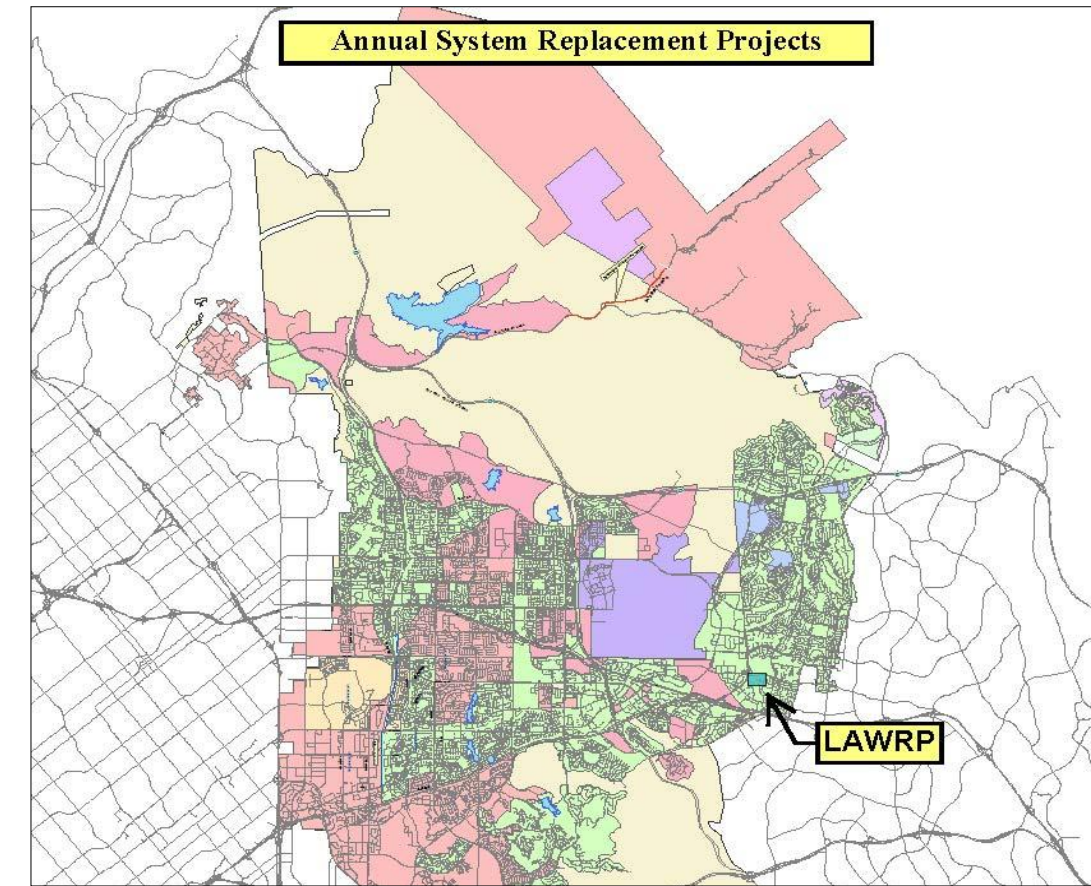
Project Status

The project was advertised for bids February 9, 2015, and bids were opened March 12, 2015. The construction Notice of Award was issued in May, 2015. The construction duration is 450 calendar days, and construction completion is anticipated for August, 2016.

**Irvine Ranch Water District
Capital Improvement Project
Fiscal Year 2015/16**

Project Group Name: Annual Distribution System Repair and Rehabilitation

This series of projects is used for system repair and replacement projects. Examples of these projects include pipeline repairs, distribution system valve replacements, and treatment plant equipment repairs.



Project Group Budget, Source of Funds, and Offset Summary

	New Capital	Replacement	Enhancement	Total	Comments
Total Budget	\$ -	\$ 3,697,600	\$ -	\$ 3,697,600	
Existing Offsets	\$ -	\$ -	\$ -	\$ -	
Potential Future Offsets	\$ -	\$ -	\$ -	\$ -	
Net Amounts	\$ -	\$ 3,697,600	\$ -	\$ 3,697,600	

**Irvine Ranch Water District
Capital Improvement Project
Fiscal Year 2015/16**

Oracle No.	Project	Proj Total Dir	FY15-16 Dir	Projected Future Expenditure	Expended to Date
4418	LAWRP SYSTEM REPLACEMENTS 15/16	\$ 132,000	\$ 132,000	\$ -	\$ -
4423	MECH & ELEC SYS REPLACEMENT - DW 15/16	\$ 660,000	\$ 660,000	\$ -	\$ -
4430	MECH & ELEC SYS REPLACEMENT - RW 15/16	\$ 484,000	\$ 484,000	\$ -	\$ -
4433	MECH & ELEC SYS REPLACEMENT - SEWER 15/16	\$ 440,000	\$ 440,000	\$ -	\$ -
5468	SERVICE LINE, VALVE & MAIN REPLACEMENT-DW 15/16	\$ 1,246,900	\$ 1,246,900	\$ -	\$ -
5477	SERVICE LINE, VALVE & MAIN REPLACEMENT-RW 15/16	\$ 515,800	\$ 515,800	\$ -	\$ -
5491	SEWER LATERAL & MAIN REPLACEMENT 15/16	\$ 218,900	\$ 218,900	\$ -	\$ -
TOTAL		\$ 3,697,600	\$ 3,697,600	\$ -	\$ -

Project Status

This series of projects are ongoing and are budgeted for on an annual basis.

**Irvine Ranch Water District
Capital Improvement Project
Fiscal Year 2015/16**

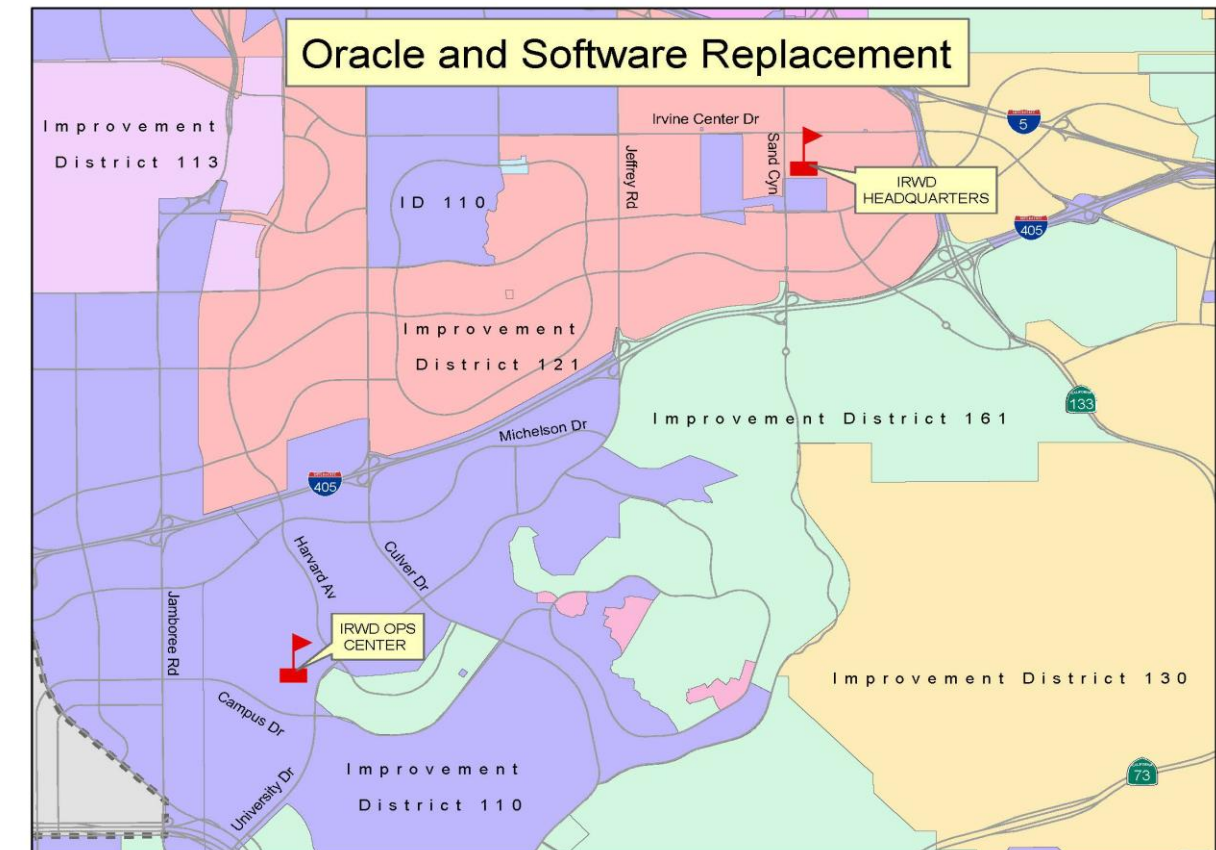
Project Group Name: Business Software

Project Description

The ID Consolidation Project Accounting implementation will focus on implementing changes to the Oracle Financial system to accommodate the recent consolidation of Improvement Districts (ID's) and simplify the project accounting structure. The changes will include implementing the Project Management software module.

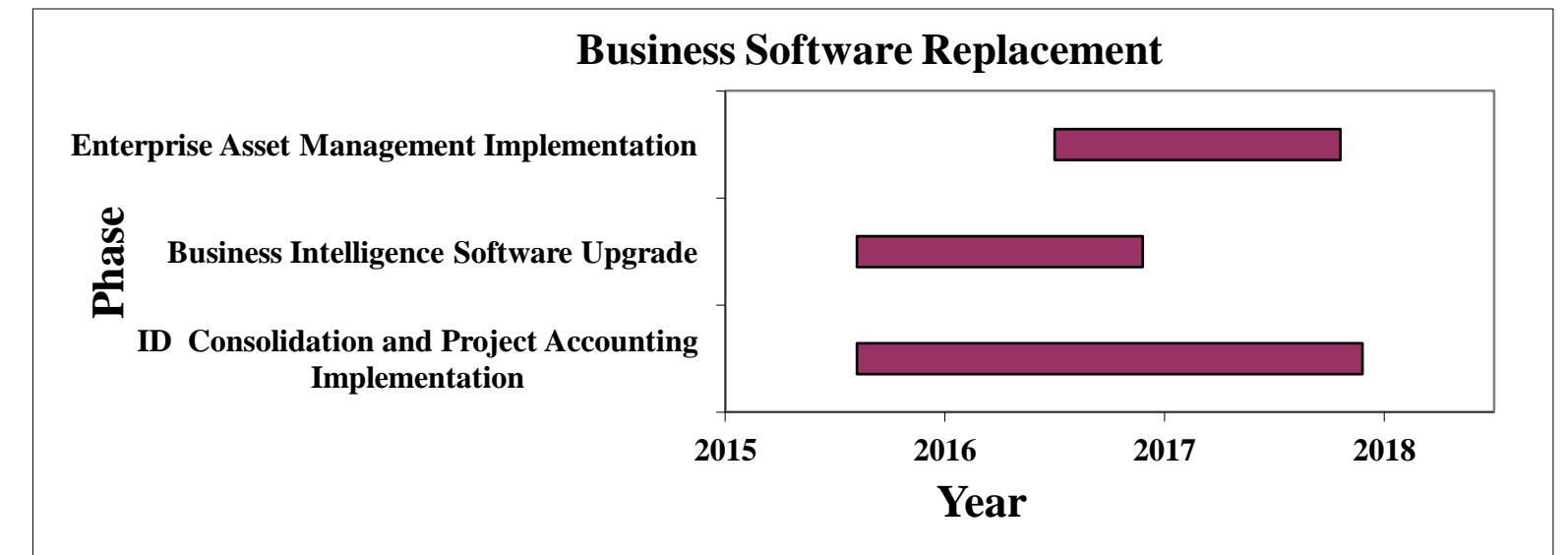
The Business Intelligence Software Upgrade will focus on upgrading the system used for data analytics and reporting. Both the Oracle Financial and Customer Care and Billing systems use the Business Intelligence system.

The Enterprise Asset Management software (EAMS) implementations will focus on upgrading the many systems currently used to track and maintain District assets. Activities during the next fiscal year will be focused on the pre-implementation phase and include asset management strategic planning, EAMS enterprise standards, asset data definition, asset criticality rating, data collection, business process development, staffing analysis, and performance metrics.



FY 2015/16 Key Milestones

Begin ID Consolidation & Project Accounting Implementation	Jul-15
ID Consolidation Project Accounting Completion	Dec-17
Begin Business Intelligence Software Upgrade	Jul-15
Business Intelligence Software Upgrade Completion	Dec-16
Begin Enterprise Asset Management Implementation	Jun-16
Enterprise Asset Management Completion	Dec-17



Project Group Budget, Source of Funds, and Offset Summary

	New Capital	Replacement	Enhancement	Total	Comments
Total Budget	\$ 902,740	\$ 2,761,000	\$ 3,961,460	\$ 7,625,200	
Existing Offsets	\$ -	\$ -	\$ -	\$ -	
Potential Future Offsets	\$ -	\$ -	\$ -	\$ -	
Net Amounts	\$ 902,740	\$ 2,761,000	\$ 3,961,460	\$ 7,625,200	

**Irvine Ranch Water District
Capital Improvement Project
Fiscal Year 2015/16**

Oracle No.	Project	Proj Total Dir	FY15-16 Dir	Projected Future Expenditure	Expended to Date
3566	ENTERPRISE ASSET MGMT SOFTWARE IMPLEMENTATION	\$ 2,432,100	\$ 473,300	\$ 1,741,710	\$ 217,090
3567	ENTERPRISE ASSET MGMT SOFTWARE IMPLEMENTATION	\$ 2,432,100	\$ 473,300	\$ 1,832,996	\$ 125,804
4394	ID CONSOLIDATION PROJECT ACCOUNTING IMPLEMENTATION	\$ 1,254,000	\$ 501,600	\$ 752,400	\$ -
4395	ID CONSOLIDATION PROJECT ACCOUNTING IMPLEMENTATION	\$ 1,254,000	\$ 501,600	\$ 752,400	\$ -
6181	BUSINESS INTELLIGENCE SOFTWARE UPGRADE	\$ 126,500	\$ 84,200	\$ 42,300	\$ -
6184	BUSINESS INTELLIGENCE SOFTWARE UPGRADE	\$ 126,500	\$ 84,200	\$ 42,300	\$ -
TOTAL		\$ 7,625,200	\$ 2,118,200	\$ 5,164,106	\$ 342,894

Project Status

The Enterprise Asset Management software implementation is currently in the pre-implementation phase with an anticipated completion date of approximately September 2016.

The ID Consolidation and Project Accounting implementation is currently scheduled to start in July 2015 with an anticipated completion date of approximately December 2017.

The Business Intelligence Software Upgrade is currently scheduled to start in July 2015 with an anticipated completion date of approximately December 2016.

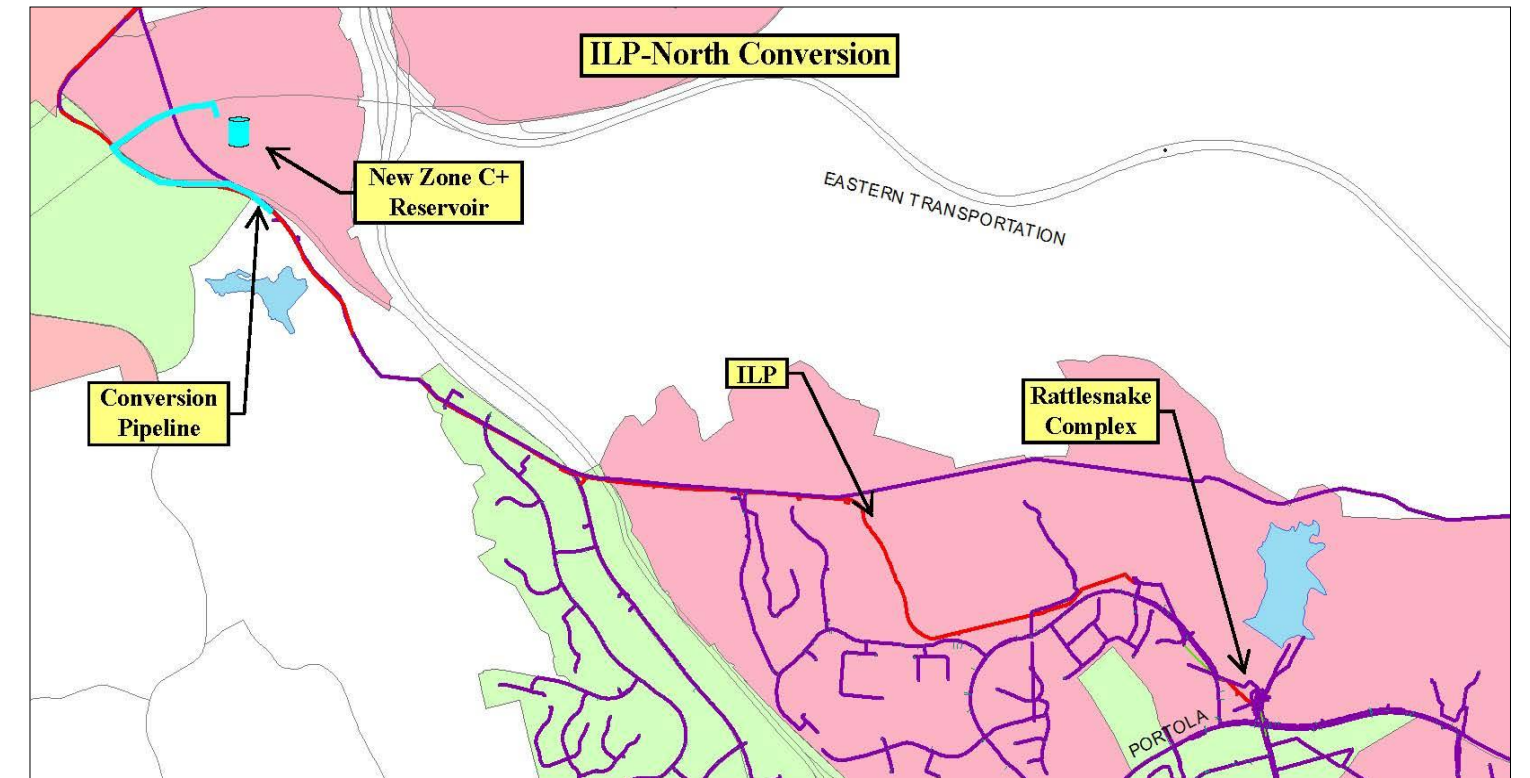
**Irvine Ranch Water District
Capital Improvement Project
Fiscal Year 2015/16**

Project Group Name: Irvine Lake Pipeline North Conversion

Project Description

The project includes converting the northern portion of the Irvine Lake Pipeline (ILP) from untreated water to recycled water through the construction of a new Zone C+ Reservoir and associated facilities. The project also includes modifications at the Rattlesnake Complex and Zone A-C booster pump station (BPS).

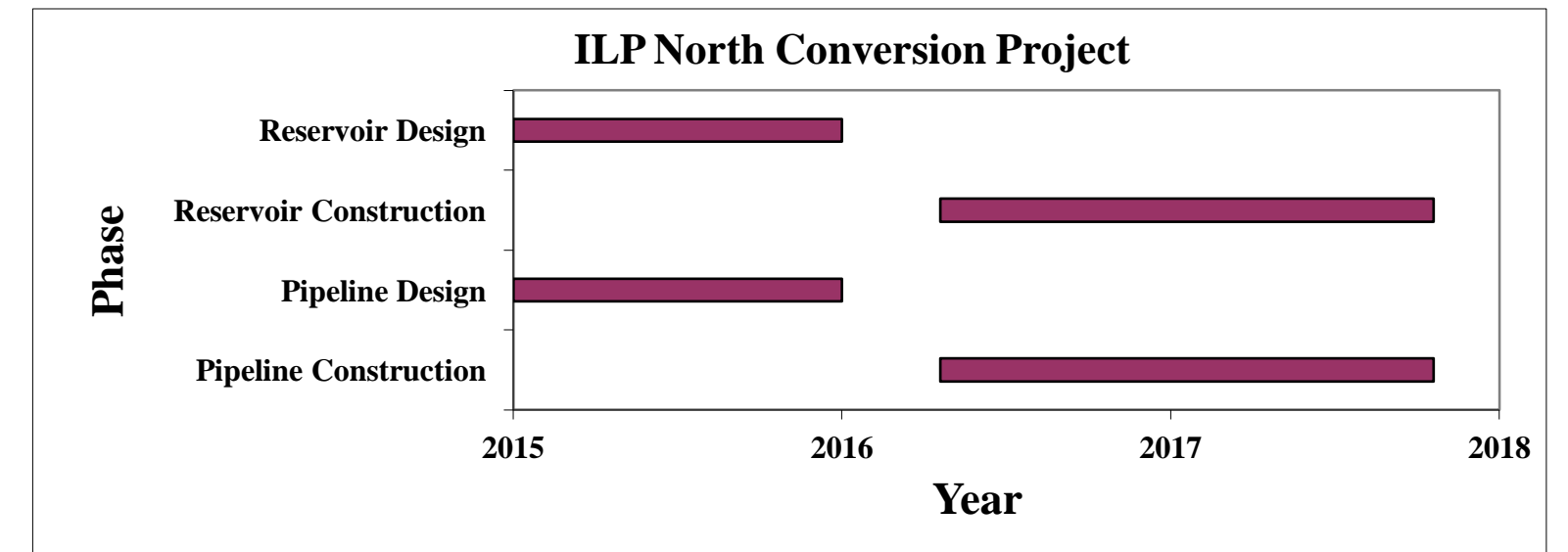
The project is being designed and constructed under two separate projects. One project will design and construct the proposed Zone C+ reservoir and the modifications at the Rattlesnake Complex and the Zone A-C BPS. A second project will design and construct the offsite pipelines primarily consisting of the reservoir inlet and outlet piping. Both projects are being executed in parallel.



FY 2015/16 Key Milestones

- Design complete
- Advertise for bidding
- Bid opening
- Construction award
- Construction complete

- Date**
- December-15
 - January-16
 - February-16
 - March-16
 - May-17



Project Group Budget, Source of Funds, and Offset Summary

	New Capital	Replacement	Enhancement	Total	Comments
Total Budget	\$ 3,622,047	\$ -	\$ 9,981,053	\$ 13,603,100	
Existing Offsets	\$ -	\$ -	\$ -	\$ -	
Potential Future Offsets	\$ -	\$ -	\$ -	\$ -	
Net Amounts	\$ 3,622,047	\$ -	\$ 9,981,053	\$ 13,603,100	

**Irvine Ranch Water District
Capital Improvement Project
Fiscal Year 2015/16**

Oracle No.	Project	Proj Total Dir	FY15-16 Dir	Projected Future Expenditure	Expended to Date
5823	ILP NORTH CONVERSION - PIPELINES	\$ 7,494,600	\$ 724,900	\$ 6,766,749	\$ 2,951
5407	ILP NORTH CONVERSION - RESERVOIR	\$ 6,108,500	\$ 703,800	\$ 5,340,186	\$ 64,514
TOTAL		\$ 13,603,100	\$ 1,428,700	\$ 12,106,935	\$ 67,465

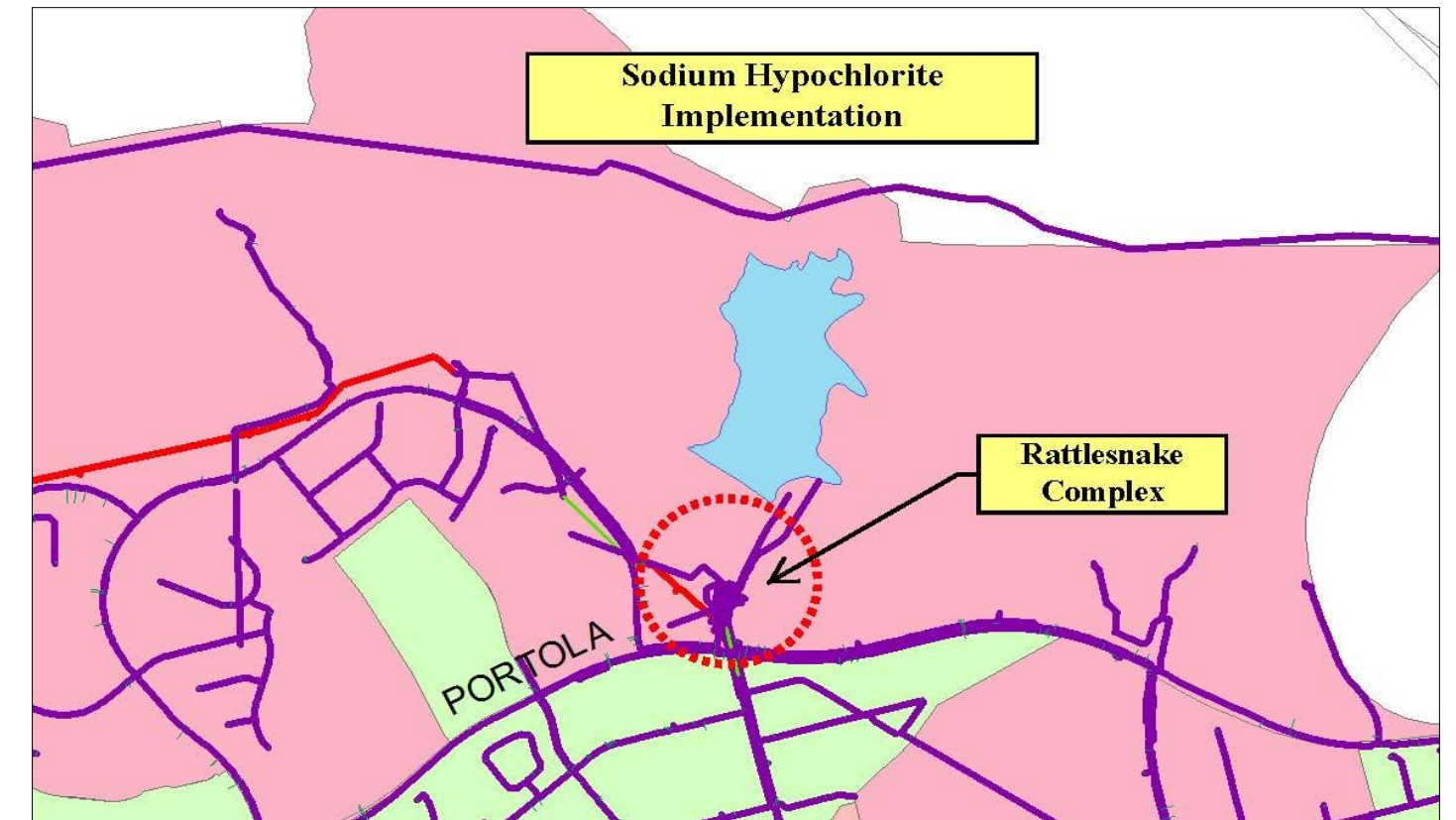
Project Status

Design contracts were awarded for the design of the reservoir and pipelines in November 2014. Design completion for both the reservoir and pipelines is scheduled for December 2015.

**Irvine Ranch Water District
Capital Improvement Project
Fiscal Year 2015/16**

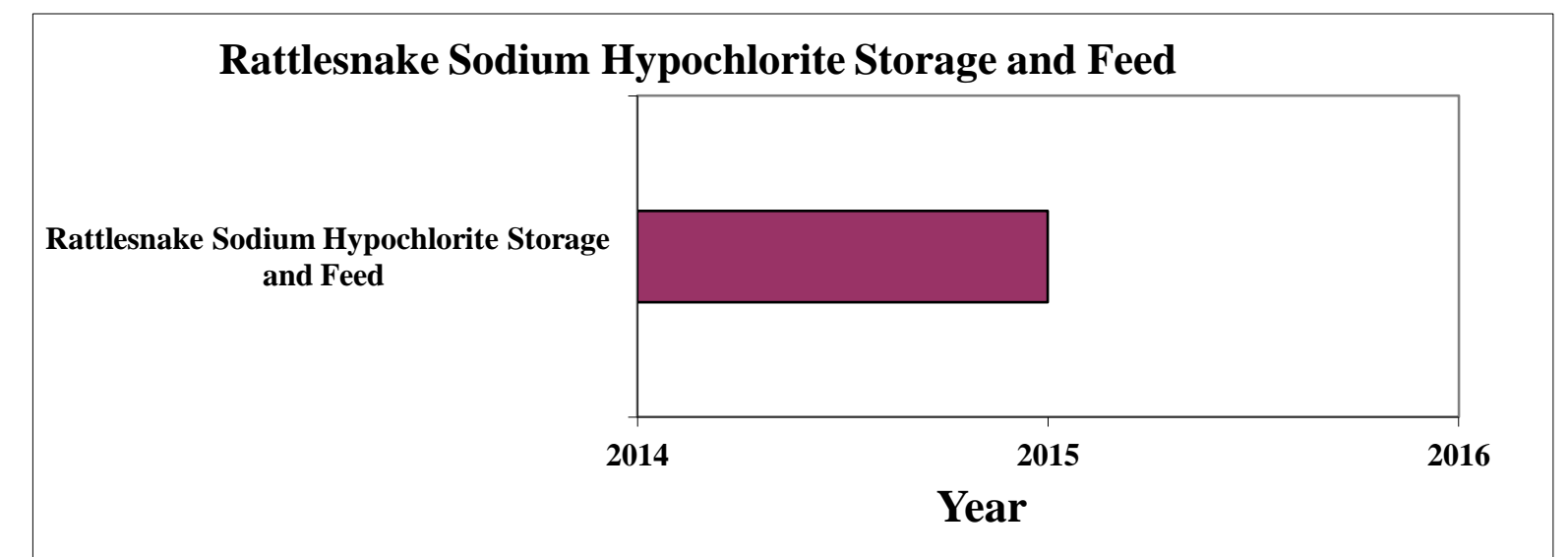
Project Group Name: Rattlesnake Sodium Hypochlorite Storage and Feed

Non-potable water discharged from the Rattlesnake Reservoir is disinfected at the Rattlesnake Chlorination Facility to control biological growth in the recycled water distribution system and to control odors downstream of the Zone A North tank. This project will replace the existing chlorine gas system and related appurtenances with sodium hypochlorite storage and feed facilities.



FY 2015/16 Key Milestones
Construction complete

Date
December-15



Project Group Budget, Source of Funds, and Offset Summary

	New Capital	Replacement	Enhancement	Total	Comments
Total Budget	\$ 647,267	\$ -	\$ 1,783,633	\$ 2,430,900	
Existing Offsets	\$ -	\$ -	\$ -	\$ -	
Potential Future Offsets	\$ -	\$ -	\$ -	\$ -	
Net Amounts	\$ 647,267	\$ -	\$ 1,783,633	\$ 2,430,900	

**Irvine Ranch Water District
Capital Improvement Project
Fiscal Year 2015/16**

Oracle No.	Project	Proj Total Dir	FY15-16 Dir	Projected Future Expenditure	Expended to Date
4959	RATTLESNAKE SODIUM HYPOCHLORITE STORAGE AND FEED	\$ 2,430,900	\$ 1,403,800	\$ 709,068	\$ 318,032
TOTAL		\$ 2,430,900	\$ 1,403,800	\$ 709,068	\$ 318,032

Project Status

Construction completion is scheduled for December 2015.

IRVINE RANCH WATER DISTRICT
Fiscal Year 2015/16
Water Improvement District (ID) Allocation

Improvement District (ID) Allocation - % of Project Budget

EBS No.	EPMS No.	Project Title	Fiscal Year Direct	Total Direct	Split Description	101	110	112	113	125	153	154	185	188
1038	11378	TUSTIN LEGACY MASTER DW FACILITIES	\$500	\$1,495,200	Local				100.0%					
1047	11379	TUSTIN LEGACY TUSTIN RANCH ROAD	\$1,400	\$990,900	Local				100.0%					
1181	11560	LAKE FOREST DW OFFSITE	\$700	\$962,500	Regional		32.6%	3.3%	3.0%	47.5%	11.1%	0.4%	1.6%	0.5%
1189	11562	LAKE FOREST DW OPPORTUNITY AREAS	\$2,400	\$3,686,600	Local								100.0%	
1264	11116	ASSET OPTIMIZATION - LAKE FOREST	\$887,300	\$6,500,000	Replacement	100.0%								
1336	11598	HQ LIGHTING RETROFIT & CEILING	\$45,400	\$225,000	Replacement	100.0%								
1346	11605	PA40 PH2 DW FACILITIES	\$300	\$238,700	Local						100.0%			
1354	11613	PA1 16" Z5 PIPE, 5-4 PRVS	\$11,000	\$1,237,500	Local						100.0%			
1363	11275	OCWD ANNEXATION FEE 15/16	\$439,400	\$439,400	Regional		32.6%	3.3%	3.0%	47.5%	11.1%	0.4%	1.6%	0.5%
1402	15051	WELLS 51/52/53 TREATMENT	\$10,600	\$133,100	Regional		32.6%	3.3%	3.0%	47.5%	11.1%	0.4%	1.6%	0.5%
1414	11434	SAND CANYON 16" DW PIPELINE	\$1,700	\$243,100	Replacement	100.0%								
1437	10394	DATS & WELL 77 LEASE PAYMENT	\$37,100	\$487,200	Regional		32.6%	3.3%	3.0%	47.5%	11.1%	0.4%	1.6%	0.5%
1466	19411	PA51 MASTER DW FACILITIES	\$1,800	\$5,680,500	Sub-Regional			77.7%			22.3%			
1520	11469	GREAT PARK COORDINATION AND	\$11,200	\$99,000	Local				100.0%					
1798	10517	LAKE FOREST CONTROL AND	\$66,300	\$319,000	Replacement	100.0%								
1804	11057	ENG PLANNING STUDY RESERVE 15/16	\$198,000	\$198,000	Regional		32.6%	3.3%	3.0%	47.5%	11.1%	0.4%	1.6%	0.5%
3566	11619	ENTERPRISE ASSET MGMT SOFTWARE	\$473,300	\$2,432,100	Regional		32.6%	3.3%	3.0%	47.5%	11.1%	0.4%	1.6%	0.5%
3766	11645	STOCKDALE WEST WELLHEAD	\$1,377,600	\$4,744,900	Regional		32.6%	3.3%	3.0%	47.5%	11.1%	0.4%	1.6%	0.5%
3977	11660	PA51 TRABUCO RD, SR133 TO LY ST DW	\$3,300	\$156,200	Local			100.0%						
4130	11665	SJM BUILDING CAMPUS MOLD	\$1,000	\$369,600	Regional	50.0%	16.3%	1.7%	1.5%	23.8%	5.6%	0.2%	0.8%	0.3%
4153	11668	PA51 MARINE WAY DW ZN3	\$192,200	\$332,200	Local			100.0%						

EBS No.	EPMS No.	Project Title	Fiscal Year Direct	Total Direct	Split Description	101	110	112	113	125	153	154	185	188
4261	11671	PA51 RIDGE VALLEY, TRABUCO TO	\$35,400	\$723,800	Local			100.0%						
4268	11673	PA51 RIDGE VALLEY, MARINE WAY TO	\$39,500	\$486,200	Local			100.0%						
4327	11672	DRWF WELL NO. 3 REHAB	\$387,400	\$401,500	Replacement	100.0%								
4366	11714	TUSTIN LEGACY TUSTIN RANCH,	\$800	\$343,200	Local				100.0%					
4387	11697	GEN SYS MODS-DW 15/16	\$190,300	\$190,300	Regional		32.6%	3.3%	3.0%	47.5%	11.1%	0.4%	1.6%	0.5%
4394	11711	ID CONSOLIDATION PROJECT	\$501,600	\$1,254,000	Replacement	100.0%								
4401	11679	WELL REHAB NO. 2 (DW)	\$228,700	\$401,500	Replacement	100.0%								
4409	11687	CHLORAMINE BOOSTER STATIONS AT	\$1,089,500	\$2,501,200	Regional		32.6%	3.3%	3.0%	47.5%	11.1%	0.4%	1.6%	0.5%
4423	11704	MECH & ELEC SYS REPLACEMENT - DW	\$660,000	\$660,000	Replacement	100.0%								
4441	11692	WELL MAINTENANCE AND	\$165,000	\$165,000	Replacement	100.0%								
4510	11716	TUSTIN LEGACY WARNER - LEGACY TO	\$400	\$196,900	Local				100.0%					
4512	11717	PA5B PHASE 1A 12" ZONE 3 DW	\$27,900	\$132,000	Local						100.0%			
4620	11719	PA51 LN ST FROM C ST TO LY ST DW	\$11,800	\$172,700	Local			100.0%						
4645	11721	PA51 C ST FROM LQ ST TO O ST DW	\$10,500	\$161,700	Local			100.0%						
4650	11723	PA51 LY ST FROM LQ ST TO IRVINE	\$3,100	\$51,700	Local			100.0%						
4680	11739	PA18S HIDDEN CANYON 12" DW	\$900	\$315,700	Local						100.0%			
4988	11746	TUSTIN LEGACY WARNER FROM	\$10,700	\$60,500	Local				100.0%					
5027	11747	BAKER WATER TREATMENT PLANT	\$38,868,400	\$96,852,000	Regional		32.6%	3.3%	3.0%	47.5%	11.1%	0.4%	1.6%	0.5%
5243	30501	PA6 NEIGHBORHOOD 4B 6" RW ZONE	\$288,700	\$526,900	Local						100.0%			
5297	11698	RAISE DW SYSTEM VALVES 15/16	\$115,500	\$115,500	Replacement	100.0%								
5338	11797	MARSH MITIGATION CREDIT	\$17,000	\$36,300	Regional		32.6%	3.3%	3.0%	47.5%	11.1%	0.4%	1.6%	0.5%
5404	11791	LAKE FOREST Z2-2RA PRV AT	\$59,200	\$337,700	Local								100.0%	
5405	11785	EL MODENA NTS POND INFILTRATION	\$1,000	\$321,200	Regional		32.6%	3.3%	3.0%	47.5%	11.1%	0.4%	1.6%	0.5%
5406	11779	EL MODENA INLET MODIFICATION	\$1,000	\$156,200	Regional		32.6%	3.3%	3.0%	47.5%	11.1%	0.4%	1.6%	0.5%

EBS No.	EPMS No.	Project Title	Fiscal Year Direct	Total Direct	Split Description	101	110	112	113	125	153	154	185	188
6145	11875	STOCKDALE WEST TURNOUT FACILITIES	\$126,300	\$2,557,500	Regional		32.6%	3.3%	3.0%	47.5%	11.1%	0.4%	1.6%	0.5%
6158	11884	TURTLE ROCK ZONE 3-4 BOOSTER	\$189,200	\$2,747,900	Replacement	100.0%								
6160	11849	CENTRALIZED CONTROL ROOM AT	\$1,800	\$170,000	Regional		32.6%	3.3%	3.0%	47.5%	11.1%	0.4%	1.6%	0.5%
6165	11882	DRWF SURGE TANKS	\$1,700	\$198,600	Regional		32.6%	3.3%	3.0%	47.5%	11.1%	0.4%	1.6%	0.5%
6166	11877	NTS SEDIMENT REMOVAL	\$7,300	\$365,200	Replacement	100.0%								
6168	11878	SAN JOAQUIN MARSH IMPROVEMENTS	\$13,200	\$541,200	Regional		32.6%	3.3%	3.0%	47.5%	11.1%	0.4%	1.6%	0.5%
6171	11819	WELLS 76 & 77 PUMP/MOTOR	\$275,400	\$550,000	Replacement	100.0%								
6181	11889	BUSINESS INTELLIGENCE SOFTWARE	\$84,200	\$126,500	Replacement	100.0%								
6208	11887	PA-51 MARINE WAY: SR133 TO RIDGE	\$113,100	\$162,800	Local			100.0%						
6210	11885	ASSET OPTIMIZATION - SAND CANYON	\$59,600	\$17,624,300	Replacement	100.0%								
6212	11876	NTS INFILTRATION STUDY	\$64,900	\$64,900	Regional		32.6%	3.3%	3.0%	47.5%	11.1%	0.4%	1.6%	0.5%
6213	11838	IDF SODIUM HYPOCHLORITE STORAGE	\$166,400	\$1,905,900	Regional		32.6%	3.3%	3.0%	47.5%	11.1%	0.4%	1.6%	0.5%
6214	11839	PDF SODIUM HYPOCHLORITE	\$4,200	\$2,430,900	Regional		32.6%	3.3%	3.0%	47.5%	11.1%	0.4%	1.6%	0.5%
6215	11881	TUSTIN LEGACY REDHILL WELL	\$269,500	\$269,500	Local				100.0%					
6246	11867	WATER BANKING PLANNING 15/16	\$115,500	\$115,500	Regional		32.6%	3.3%	3.0%	47.5%	11.1%	0.4%	1.6%	0.5%
6249	11874	STOCKDALE WEST WELL	\$1,804,500	\$2,711,500	Regional		32.6%	3.3%	3.0%	47.5%	11.1%	0.4%	1.6%	0.5%
6304	11890	PA 51 BENCHMARK, BOSQUE TO	\$113,100	\$162,800	Local			100.0%						
6398	11886	NEWPORT COAST JOINT BONDING	\$148,300	\$148,300	Local					100.0%				
6401	11891	ZONE 1 RESERVOIR	\$210,700	\$316,300	Regional		32.6%	3.3%	3.0%	47.5%	11.1%	0.4%	1.6%	0.5%
		Total	\$58,187,700	\$188,035,200		\$7.1	\$16.1	\$2.6	\$1.8	\$23.5	\$5.8	\$0.2	\$0.8	\$0.2

IRVINE RANCH WATER DISTRICT
Fiscal Year 2015/16
Sewer Improvement District (ID) Allocation

Improvement District (ID) Allocation - % of Project Budget

EBS No.	EPMS No.	Project Title	Fiscal Year Direct	Total Direct	Split Description	201	210	212	213	225	240	253	256	285	288
4267	21141	PA51 RIDGE VALLEY, MARINE WAY TO	\$50,000	\$1,064,800	Local			100.0							
4648	21156	PA51 LQ ST FROM O ST TO LY ST SEWER	\$17,000	\$255,200	Local			100.0							
4653	21158	PA51 C ST FROM TRABUCO RD TO LQ ST	\$16,500	\$403,700	Local			100.0							
4824	21159	PA51 LV ST FROM RIDGE VALLEY TO LY ST	\$20,100	\$310,200	Local			100.0							
5016	21165	PA51 C ST FROM LV ST TO TRABUCO SEWER	\$24,400	\$370,700	Local			100.0							
5535	21213	PA51 LQ ST FROM BOSQUE TO Z ST 12"	\$647,000	\$1,510,300	Local			100.0							
5788	21216	PA51 ALTON PKWY SS RELOCATION 12" AND	\$1,321,800	\$1,832,300	Local			100.0							
6010	21217	TUSTIN LEGACY PARK AVE FROM JAMBOREE	\$36,700	\$64,900	Local				100.0						
6048	21219	PA51 MARINE WAY, ALTON TO BARRANCA	\$911,200	\$1,424,500	Local			100.0							
6400	21287	NEWPORT COAST SLS IMPROVEMENTS	\$291,100	\$574,200	Local						100.0				
1062	21378	TUSTIN LEGACY MASTER SEWER FACILITIES	\$400	\$1,115,400	Local				100.0						
1066	21379	TUSTIN LEGACY TUSTIN RANCH ROAD	\$1,600	\$1,090,400	Local			100.0							
1167	21469	GREAT PARK COORDINATION AND SAMP	\$11,200	\$99,000	Local				100.0						
1436	21560	LAKE FOREST SEWER OFFSITE	\$1,400	\$3,280,200	Local									100.0	
1445	21562	LAKE FOREST SEWER OPPORTUNITY AREAS	\$900	\$1,647,800	Local									100.0	
3980	21660	PA51 TRABUCO RD, SR133 TO LY ST SEWER	\$3,600	\$161,700	Local			100.0							
4263	21671	PA51 RIDGE VALLEY, TRABUCO TO IRVINE	\$21,300	\$436,700	Local			100.0							
4651	21723	PA51 LY ST FROM LQ ST TO IRVINE BLVD	\$134,900	\$1,662,200	Local			100.0							
5817	21806	PA51 ALTON, TECHNOLOGY TO MUIRLANDS	\$819,100	\$1,326,300	Local			100.0							
6017	21809	PA51 IRVINE BLV LAMBERT TO Z ST 16" SS	\$15,300	\$28,600	Local			100.0							
6110	21866	TUSTIN LEGACY PARK AVE & MOFFETT DR	\$58,700	\$162,800	Local				100.0						
1716	30245	PA1 ORCHARD HILLS NEIGHBORHOOD 3	\$2,700	\$326,700	Local							100.0			
1722	30246	PA1 ORCHARD HILLS NEIGHBORHOOD 4	\$16,400	\$566,500	Local							100.0			

EBS No.	EPMS No.	Project Title	Fiscal Year Direct	Total Direct	Split Description	201	210	212	213	225	240	253	256	285	288
1762	30280	PA9B PHASE 5 GATEWAY PARK RW PIPES	\$6,400	\$506,100	Local							100.0			
4147	30388	PA51 MARINE WAY RW ZNB	\$206,900	\$365,200	Local			100.0							
4278	30394	PA51 RIDGE VALLEY, MARINE WAY TO	\$38,600	\$464,200	Local			100.0							
4318	30416	PA40 PH3B RW CAPITAL FACILITIES	\$300	\$165,000	Local							100.0			
4515	30421	PA5B IRVINE BLVD 8" ZONE B RW	\$83,300	\$100,100	Local							100.0			
4528	30424	PA40 NEIGHBORHOOD 2G BACKBONE RW	\$200	\$108,900	Local							100.0			
4557	30426	PA6 PHASE 1 NEIGHBORHOOD 3 ZONE C RW	\$133,800	\$315,700	Local							100.0			
4647	30427	PA51 LY ST FROM TRABUCO RD TO LQ ST RW	\$15,600	\$205,700	Local			100.0							
4717	30428	PA1 ORCHARD HILLS NH 2 - 6" ZNB & 6" ZNC	\$800	\$238,700	Local							100.0			
4753	30430	PA5B PHASE 2 6" RW	\$38,600	\$57,200	Local							100.0			
1056	30445	PA39 PHASE 1 RW PIPELINES	\$200	\$180,400	Local							100.0			
4984	30447	TUSTIN LEGACY ARMSTRONG ZONE A &	\$133,500	\$773,300	Local				100.0						
4990	30449	PA1 ORCHARD HILLS NEIGHBORHOOD 2, 6"	\$500	\$84,700	Local							100.0			
5758	30503	PA51 SOCIABLE ST FROM Z TO B ST 12" & 16"	\$137,400	\$240,900	Local			100.0							
5763	30508	PA6 NEIGHBORHOOD 5A RW ZONE D	\$76,700	\$132,000	Local							100.0			
5785	30512	TUSTIN LEGACY BARRANCA FROM	\$247,000	\$344,300	Local				100.0						
5919	30516	PA1 ORCHARD HILLS, NEIGHBORHOOD 1, 16"	\$185,200	\$294,800	Local							100.0			
6056	30534	PA40 8TH ST RIDGE VALLEY TO C ST CAPITAL	\$109,100	\$136,400	Local							100.0			
6470	30573	LAKE FOREST RW OPP AREA ZONE C	\$800	\$997,800	Local									100.0	
1308	30797	PA6 RW PIPELINES	\$300	\$620,500	Local							100.0			
4649	31156	PA51 LQ ST FROM O ST TO LY ST RW	\$5,100	\$78,100	Local			100.0							
4825	31159	PA51 LV ST FROM RIDGE VALLEY TO LY ST	\$20,900	\$321,200	Local			100.0							
5536	31213	PA51 LQ ST FROM BOSQUE TO Z ST 12" RW	\$226,700	\$383,900	Local			100.0							
1101	31378	TUSTIN LEGACY MASTER RW FACILITIES	\$600	\$1,544,900	Local				100.0						
3435	31379	TUSTIN LEGACY TUSTIN RANCH ROAD	\$1,800	\$1,210,700	Local				100.0						
1517	31562	LAKE FOREST RW OPPORTUNITY AREAS	\$1,400	\$2,137,900	Local									100.0	
1229	31605	PA40 PH2 RW FACILITIES	\$300	\$216,700	Local							100.0			

EBS No.	EPMS No.	Project Title	Fiscal Year Direct	Total Direct	Split Description	201	210	212	213	225	240	253	256	285	288
3735	31640	PA39 PH2 RW FACILITIES	\$3,600	\$226,600	Local							100.0			
3983	31660	PA51 TRABUCO RD, SR133 TO LY ST RW	\$12,100	\$480,700	Local			100.0							
4264	31671	PA51 RIDGE VALLEY, TRABUCO TO IRVINE	\$9,400	\$194,700	Local			100.0							
4368	31714	TUSTIN LEGACY TUSTIN RANCH, BARRANCA,	\$1,600	\$689,700	Local				100.0						
4511	31716	TUSTIN LEGACY WARNER - LEGACY TO	\$500	\$207,900	Local				100.0						
4513	31717	PA5B PHASE 1A AND 1B 6" & 8" RW	\$156,500	\$298,200	Local							100.0			
4621	31719	PA51 LN ST FROM C ST TO LY ST RW	\$6,900	\$105,600	Local			100.0							
4646	31721	PA51 C ST FROM LQ ST TO O ST RW	\$18,300	\$266,200	Local			100.0							
4652	31723	PA51 LY ST FROM LQ ST TO IRVINE BLVD RW	\$73,000	\$938,300	Local			100.0							
4681	31739	PA18S HIDDEN CANYON 6" & 8" RW	\$900	\$315,700	Local							100.0			
4989	31746	TUSTIN LEGACY WARNER FROM	\$47,100	\$282,700	Local				100.0						
5757	31804	PA51 "B" ST FROM SOCIABLE TO IRVINE BLV	\$176,300	\$240,900	Local			100.0							
5818	31806	PA51 ALTON, TECHNOLOGY TO MUIRLANDS	\$207,000	\$344,300	Local			100.0							
6018	31809	PA51 IRVINE BLV LAMBERT TO Z ST 20" RW	\$346,600	\$609,400	Local			100.0							
6087	31842	PA51 MARINE WAY, ALTON TO BARRANCA	\$223,300	\$281,600	Local			100.0							
6111	31866	TUSTIN LEGACY PARK AVE & MOFFETT DR	\$58,700	\$162,800	Local				100.0						
6399	31886	NEWPORT COAST JOINT BONDING PHASE 2	\$80,500	\$80,500	Local						100.0				
6209	31887	PA-51 MARINE WAY: SR133 TO RIDGE	\$113,100	\$162,800	Local			100.0							
6306	31890	PA 51 BENCHMARK, BOSQUE TO 550'E/O	\$113,100	\$162,800	Local			100.0							
1552	20115	OCSD CORF 14/15	\$705,000	\$3,502,000	Regional		33.1	3.4	3.4	48.5		9.6	0.3	1.3	0.3
1554	20116	OCSD CORF 15/16	\$4,785,200	\$5,988,000	Regional		33.1	3.4	3.4	48.5		9.6	0.3	1.3	0.3
1508	20589	OCSD EQUITY 14/15	\$2,194,000	\$6,546,000	Regional		33.1	3.4	3.4	48.5		9.6	0.3	1.3	0.3
1516	20593	OCSD EQUITY 15/16	\$4,561,100	\$6,854,000	Regional		33.1	3.4	3.4	48.5		9.6	0.3	1.3	0.3
1420	20813	OCSD SOLIDS HANDLING 15/16	\$1,391,000	\$1,391,000	Regional	57.1	14.2	1.5	1.5	20.8		4.1	0.1	0.6	0.1
1377	21057	ENG PLANNING STUDY RESERVE 15/16	\$171,600	\$171,600	Regional		33.1	3.4	3.4	48.5		9.6	0.3	1.3	0.3
4286	21146	MWRP BIOSOLIDS AND ENERGY RECOVERY	\$52,512,700	\$196,465,500	Regional	57.1	14.2	1.5	1.5	20.8		4.1	0.1	0.6	0.1
4985	21163	PETERS CANYON WATER CAPTURE AND	\$5,438,200	\$10,959,800	Regional		33.1	3.4	3.4	48.5		9.6	0.3	1.3	0.3

EBS No.	EPMS No.	Project Title	Fiscal Year Direct	Total Direct	Split Description	201	210	212	213	225	240	253	256	285	288
5186	21170	SJM SLS UPGRADE	\$1,200	\$153,500	Regional	33.1	3.4	3.4	48.5	9.6	0.3	1.3	0.3		
5427	21188	WATER RECYCLING PLANT MASTER PLAN	\$202,800	\$550,000	Regional	33.1	3.4	3.4	48.5	9.6	0.3	1.3	0.3		
5409	21191	OPS DATABASE MANAGEMENT SYSTEM	\$173,700	\$346,500	Regional	33.1	3.4	3.4	48.5	9.6	0.3	1.3	0.3		
6167	21234	OPS CENTER PERMANENT GENERATOR	\$3,400	\$618,800	Regional	33.1	3.4	3.4	48.5	9.6	0.3	1.3	0.3		
6402	21288	MBR BLOWER ROOM SAFETY PLATFORM	\$11,100	\$144,000	Regional	33.1	3.4	3.4	48.5	9.6	0.3	1.3	0.3		
3567	21619	ENTERPRISE ASSET MGMT SOFTWARE	\$473,300	\$2,432,100	Regional	33.1	3.4	3.4	48.5	9.6	0.3	1.3	0.3		
5412	21748	SCSMP UPDATE AND LONG-TERM FLOW	\$578,400	\$1,155,000	Regional	33.1	3.4	3.4	48.5	9.6	0.3	1.3	0.3		
5435	21789	GIS SUPPORT APPLICATIONS 15/16 - SEWER	\$60,000	\$60,000	Regional	33.1	3.4	3.4	48.5	9.6	0.3	1.3	0.3		
5438	21796	HYDRAULIC MODELING 15/16 SEWER	\$44,000	\$44,000	Regional	33.1	3.4	3.4	48.5	9.6	0.3	1.3	0.3		
6204	21826	GIS SUPPORT APPLICATIONS 16/17 - SEWER	\$60,000	\$60,000	Regional	33.1	3.4	3.4	48.5	9.6	0.3	1.3	0.3		
6161	21849	CENTRALIZED CONTROL ROOM AT MWRP	\$1,800	\$170,000	Regional	33.1	3.4	3.4	48.5	9.6	0.3	1.3	0.3		
1813	30331	SANTIAGO DAM & OUTLET TWR SEISMIC	\$86,400	\$282,700	Regional	14.6	10.7	4.1	51.0	7.7	10.3		1.5		
1015	30366	TECHNOLOGY DR AND LAGUNA CANYON RD	\$3,400	\$3,223,500	Regional	14.6	10.7	4.1	51.0	7.7	10.3		1.5		
3808	30382	SYPHON RESERVOIR EXPANSION	\$88,100	\$60,169,200	Regional	14.6	10.7	4.1	51.0	7.7	10.3		1.5		
4388	30408	REG RW - MULTI-ZONE BPS - ZONE A TO	\$90,100	\$2,989,500	Regional	14.6	10.7	4.1	51.0	7.7	10.3		1.5		
4396	30415	CATHODIC PROTECTION FOR GAP PIPE	\$58,800	\$352,000	Regional	14.6	10.7	4.1	51.0	7.7	10.3		1.5		
4514	30420	PA5B PHASE 1A AND 1B 36" RW	\$414,900	\$1,769,400	Regional	14.6	10.7	4.1	51.0	7.7	10.3		1.5		
4959	30435	RATTLESNAKE SODIUM HYPOCHLORITE	\$1,403,800	\$2,430,900	Regional	14.6	10.7	4.1	51.0	7.7	10.3		1.5		
5154	30461	SJR SEISMIC EVALUATION (DSOD)	\$1,100	\$150,700	Regional	14.6	10.7	4.1	51.0	7.7	10.3		1.5		
5168	30487	PA18S HIDDEN CANYON 36" RW PIPELINE	\$6,200	\$2,103,200	Regional	14.6	10.7	4.1	51.0	7.7	10.3		1.5		
5407	30496	ILP NORTH CONVERSION - RESERVOIR	\$703,800	\$6,108,500	Regional	14.6	10.7	4.1	51.0	7.7	10.3		1.5		
5823	30513	ILP NORTH CONVERSION - PIPELINES	\$724,900	\$7,494,600	Regional	14.6	10.7	4.1	51.0	7.7	10.3		1.5		
1096	30517	LAKE FOREST CONTROL AND TELEMETRY SYS	\$22,900	\$168,300	Regional	14.6	10.7	4.1	51.0	7.7	10.3		1.5		
6242	30560	RW IMPROVEMENTS FOR OFF-SITE 15/16	\$82,500	\$82,500	Regional	14.6	10.7	4.1	51.0	7.7	10.3		1.5		
6243	30561	RW IMPROVEMENTS FOR OFF-SITE 16/17	\$82,500	\$82,500	Regional	14.6	10.7	4.1	51.0	7.7	10.3		1.5		
6244	30569	RW IMPROVEMENTS FOR OFF-SITE 17/18	\$82,500	\$82,500	Regional	14.6	10.7	4.1	51.0	7.7	10.3		1.5		
6298	30572	PIEZOMETER ACCESS AT RATTLESNAKE	\$4,400	\$242,100	Regional	33.1	3.4	3.4	48.5	9.6	0.3	1.3	0.3		

EBS No.	EPMS No.	Project Title	Fiscal Year Direct	Total Direct	Split Description	201	210	212	213	225	240	253	256	285	288
4402	30403	WELL REHAB NO. 1 (RW)	\$228,700	\$401,500	Replacement	100.0									
5498	30406	1" TO 2" METER REPLACEMENT-RW 15/16	\$140,300	\$140,300	Replacement	100.0									
5156	30453	LAGUNA CANYON RD RW PIPELINE	\$2,000	\$588,500	Replacement	100.0									
5153	30455	SJR ACTUATOR REPAIR/REPLACEMENT	\$23,900	\$254,700	Replacement	100.0									
5503	30482	WELL 78 SPARE PUMP AND MOTOR	\$138,300	\$276,100	Replacement	100.0									
5476	30495	REG RW - RATTLESNAKE BPS PUMP UPGRADE	\$40,500	\$990,000	Replacement	100.0									
5522	30502	WEIR CANYON VALVE VAULT PLC UPGRADE	\$2,200	\$108,900	Replacement	100.0									
6055	30530	SYPHON RESERVOIR SLIDE GATE	\$114,500	\$238,700	Replacement	100.0									
1257	31598	HQ LIGHTING RETROFIT & CEILING REPLACE	\$10,400	\$50,000	Replacement	100.0									
5496	31696	CSR METER REPLACEMENT-RW 15/16	\$112,200	\$112,200	Replacement	100.0									
5304	31698	RAISE RW SYSTEM VALVES 15/16 UNDER RA	\$38,500	\$38,500	Replacement	100.0									
5477	31702	SERVICE LINE, VALVE & MAIN REPLACEMENT-	\$515,800	\$515,800	Replacement	100.0									
4430	31704	MECH & ELEC SYS REPLACEMENT - RW 15/16	\$484,000	\$484,000	Replacement	100.0									
5444	31781	PORTABLE DIESEL GENERATOR	\$293,900	\$880,000	Replacement	100.0									
6054	31814	2015 IRVINE ANNUAL ST REHAB, RW	\$97,400	\$97,400	Replacement	100.0									
6123	31879	VAULT LID REPLACEMENT - RW	\$1,700	\$195,300	Replacement	100.0									
1642	20374	PA51 MASTER SS FACILITIES	\$300	\$1,028,500	Sub-Regional			81.3				18.7			
4457	30409	REG RW - MULTI-ZONE BPS - ZONE B	\$38,900	\$2,532,700	Sub-Regional			54.2		23.1		22.7			
4400	30410	REG RW - MULTI-ZONE BPS - ZONE C	\$98,100	\$3,624,700	Sub-Regional			50.5		27.8		21.7			
6216	30552	REG RW - NORTHWOOD ZONE B BPS	\$64,900	\$2,588,500	Sub-Regional			54.2		23.1		22.7			
6198	30570	REG RW - IIC ZONE B BPS UPGRADES	\$69,500	\$1,606,100	Sub-Regional			54.2		23.1		22.7			
6197	30571	REG RW - 20"ZN B PIPE CONSTRUCTION &	\$49,500	\$3,152,600	Sub-Regional			54.2		23.1		22.7			
1103	39410	PA51 MASTER RW FACILITIES	\$1,500	\$4,893,000	Sub-Regional			93.5				6.5			
		Total	\$92,026,200	\$403,193,800		\$37.1	\$14.7	\$8.0	\$2.2	\$22.9	\$0.7	\$5.4	\$0.1	\$0.6	\$0.1

IRVINE RANCH WATER DISTRICT
Fiscal Year 2015/2016
Allocation of FY Project Expenditures by Improvement District

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
101 - Rep					
	11702	SERVICE LINE, VALVE & MAIN REPLACEMENT-DW 15/16	100.0%	\$1,246,900	\$1,265,400
	11116	ASSET OPTIMIZATION - LAKE FOREST DEVELOPMENT	100.0%	\$887,300	\$887,300
	11704	MECH & ELEC SYS REPLACEMENT - DW 15/16	100.0%	\$660,000	\$660,000
	11711	ID CONSOLIDATION PROJECT ACCOUNTING IMPLEMENTATION	100.0%	\$501,600	\$723,600
	11814	2015 IRVINE ANNUAL ST REHAB, DW	100.0%	\$431,200	\$468,200
	11672	DRWF WELL NO. 3 REHAB	100.0%	\$387,400	\$451,000
	11699	RESIDENTIAL METER REPLACEMENT-DW 15/16	100.0%	\$336,600	\$360,700
	11754	WELLS 11 AND 15 SURGE TANK REPLACEMENT	100.0%	\$304,300	\$345,600
	11781	PORTABLE DIESEL GENERATOR REPLACEMENT - DW	100.0%	\$293,900	\$293,900
	11752	WELLS 12 AND 13 ROOF HATCHES REPLACEMENT	100.0%	\$282,200	\$329,800
	11819	WELLS 76 & 77 PUMP/MOTOR REPLACEMENT	100.0%	\$275,400	\$275,400
	11679	WELL REHAB NO. 2 (DW)	100.0%	\$228,700	\$284,100
	11696	CSR METER REPLACEMENT-DW 15/16	100.0%	\$213,200	\$222,500
	11884	TURTLE ROCK ZONE 3-4 BOOSTER PUMP STATION RETROFIT	100.0%	\$189,200	\$234,300
	11801	EAST IRVINE ZONE 1 TO 3 BPS PIPE/METER	100.0%	\$168,200	\$211,500
	11692	WELL MAINTENANCE AND REHABILITATION 15/16	100.0%	\$165,000	\$165,000
	11694	1" TO 2" METER REPLACEMENT-DW 15/16	100.0%	\$139,000	\$163,800
	11698	RAISE DW SYSTEM VALVES 15/16 UNDER RA	100.0%	\$115,500	\$124,800
	11889	BUSINESS INTELLIGENCE SOFTWARE UPGRADE	100.0%	\$84,200	\$127,300
	10517	LAKE FOREST CONTROL AND TELEMETRY SYS REPLACEMENT	100.0%	\$66,300	\$84,800
	11885	ASSET OPTIMIZATION - SAND CANYON PROFESSIONAL CTR	100.0%	\$59,600	\$64,200

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
101 - Rep					
	11598	HQ LIGHTING RETROFIT & CEILING REPLACE	100.0%	\$45,400	\$66,800
	11877	NTS SEDIMENT REMOVAL	100.0%	\$7,300	\$11,200
	11879	VAULT LID REPLACEMENT - DW	100.0%	\$3,300	\$8,500
	11434	SAND CANYON 16" DW PIPELINE ANODE REPLACEMENT	100.0%	\$1,700	\$4,300
	11665	SJM BUILDING CAMPUS MOLD REMEDIATION	50.0%	\$500	\$500
	11805	ZONE 1 RESERVOIR INTERIOR RECOATING	100.0%	\$500	\$1,300
				\$7,094,400	\$7,835,800
110					
	11747	BAKER WATER TREATMENT PLANT	32.6%	\$12,671,098	\$12,995,436
	11812	ROSEDALE DROUGHT RELIEF PROJECT FACILITIES	32.6%	\$1,110,943	\$1,200,560
	11874	STOCKDALE WEST WELL CONSTRUCTION PROJECT	32.6%	\$588,267	\$608,349
	11645	STOCKDALE WEST WELLHEAD EQUIPPING	32.6%	\$449,098	\$468,886
	11687	CHLORAMINE BOOSTER STATIONS AT 2 DW RESERVOIRS	32.6%	\$355,177	\$373,172
	11619	ENTERPRISE ASSET MGMT SOFTWARE IMPLEMENTATION	32.6%	\$154,296	\$222,723
	11275	OCWD ANNEXATION FEE 15/16	32.6%	\$143,244	\$143,244
	11764	WATER BANKING AGREEMENTS 14/16	32.6%	\$79,022	\$199,805
	11808	WATER SUPPLY AND SYSTEM RELIABILITY MODEL	32.6%	\$74,393	\$88,248
	11891	ZONE 1 RESERVOIR	32.6%	\$68,688	\$79,740
	11057	ENG PLANNING STUDY RESERVE 15/16 DW	32.6%	\$64,548	\$112,796
	11697	GEN SYS MODS-DW 15/16	32.6%	\$62,038	\$75,339
	11838	IDF SODIUM HYPOCHLORITE STORAGE AND FEED SYSTEM	32.6%	\$54,246	\$70,775
	11875	STOCKDALE WEST TURNOUT FACILITIES	32.6%	\$41,174	\$53,236
	11867	WATER BANKING PLANNING 15/16	32.6%	\$37,653	\$67,808
	11876	NTS INFILTRATION STUDY	32.6%	\$21,157	\$25,395

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
110					
	11789	GIS SUPPORT APPLICATIONS 15/16 - DOMESTIC	32.6%	\$19,560	\$30,709
	11796	HYDRAULIC MODELING 15/16 DW	32.6%	\$14,344	\$20,375
	10394	DATS & WELL 77 LEASE PAYMENT 16/17	32.6%	\$12,095	\$12,095
	11787	COMPRESSED NATURAL GAS MOTOR FUEL	32.6%	\$11,312	\$11,932
	11797	MARSH MITIGATION CREDIT INVENTORY	32.6%	\$5,542	\$6,944
	11878	SAN JOAQUIN MARSH IMPROVEMENTS	32.6%	\$4,303	\$6,422
	15051	WELLS 51/52/53 TREATMENT ALTERNATIVES STUDY	32.6%	\$3,456	\$4,401
	11765	STOCKDALE STORAGE FOR RECOVERY CAPACITY	32.6%	\$3,423	\$9,454
	11839	PDF SODIUM HYPOCHLORITE STORAGE AND FEED SYSTEM	32.6%	\$1,369	\$3,651
	11849	CENTRALIZED CONTROL ROOM AT MWRP	32.6%	\$587	\$1,434
	11882	DRWF SURGE TANKS	32.6%	\$554	\$1,402
	11785	EL MODENA NTS POND INFILTRATION	32.6%	\$326	\$750
	11779	EL MODENA INLET MODIFICATION	32.6%	\$326	\$750
	11560	LAKE FOREST DW OFFSITE IMPROVEMENTS	32.6%	\$228	\$587
	11665	SJM BUILDING CAMPUS MOLD REMEDIATION	16.3%	\$163	\$163
				\$16,052,631	\$16,896,580
112 ET					
	11747	BAKER WATER TREATMENT PLANT	3.3%	\$1,282,657	\$1,315,489
	11668	PA51 MARINE WAY DW ZN3	100.0%	\$192,200	\$223,200
	11842	PA51 MARINE WAY FROM ALTON TO BARRANCA 12" DW ZN 3	100.0%	\$187,100	\$220,400
	11804	PA51 "B" ST FROM SOCIABLE TO IRVINE BLV 12" ZN 4	100.0%	\$125,000	\$151,900
	11887	PA-51 MARINE WAY: SR133 TO RIDGE VALLEY 12" ZONE 3	100.0%	\$113,100	\$149,000
	11890	PA 51 BENCHMARK, BOSQUE TO 550'E/O BOSQUE 12" Z4R	100.0%	\$113,100	\$149,000
	11812	ROSEDALE DROUGHT RELIEF PROJECT FACILITIES	3.3%	\$112,457	\$121,529

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
112 ET					
	11806	PA51 ALTON, TECHNOLOGY TO MUIRLANDS 12" DW	100.0%	\$103,300	\$120,500
	11874	STOCKDALE WEST WELL CONSTRUCTION PROJECT	3.3%	\$59,549	\$61,581
	11645	STOCKDALE WEST WELLHEAD EQUIPPING	3.3%	\$45,461	\$47,464
	11673	PA51 RIDGE VALLEY, MARINE WAY TO TRABUCO - DW	100.0%	\$39,500	\$43,800
	11687	CHLORAMINE BOOSTER STATIONS AT 2 DW RESERVOIRS	3.3%	\$35,954	\$37,775
	11671	PA51 RIDGE VALLEY, TRABUCO TO IRVINE BLVD - DW	100.0%	\$35,400	\$39,800
	11809	PA51 IRVINE BLV LAMBERT TO Z ST 12" DW	100.0%	\$19,000	\$22,800
	11619	ENTERPRISE ASSET MGMT SOFTWARE IMPLEMENTATION	3.3%	\$15,619	\$22,546
	11275	OCWD ANNEXATION FEE 15/16	3.3%	\$14,500	\$14,500
	11719	PA51 LN ST FROM C ST TO LY ST DW	100.0%	\$11,800	\$13,900
	11721	PA51 C ST FROM LQ ST TO O ST DW	100.0%	\$10,500	\$13,400
	11764	WATER BANKING AGREEMENTS 14/16	3.3%	\$7,999	\$20,226
	11808	WATER SUPPLY AND SYSTEM RELIABILITY MODEL	3.3%	\$7,531	\$8,933
	11891	ZONE 1 RESERVOIR	3.3%	\$6,953	\$8,072
	11057	ENG PLANNING STUDY RESERVE 15/16 DW	3.3%	\$6,534	\$11,418
	11697	GEN SYS MODS-DW 15/16	3.3%	\$6,280	\$7,626
	11838	IDF SODIUM HYPOCHLORITE STORAGE AND FEED SYSTEM	3.3%	\$5,491	\$7,164
	11875	STOCKDALE WEST TURNOUT FACILITIES	3.3%	\$4,168	\$5,389
	11867	WATER BANKING PLANNING 15/16	3.3%	\$3,812	\$6,864
	11660	PA51 TRABUCO RD, SR133 TO LY ST DW	100.0%	\$3,300	\$3,300
	11723	PA51 LY ST FROM LQ ST TO IRVINE BLVD DW	100.0%	\$3,100	\$4,900
	11876	NTS INFILTRATION STUDY	3.3%	\$2,142	\$2,571
	11789	GIS SUPPORT APPLICATIONS 15/16 - DOMESTIC	3.3%	\$1,980	\$3,109
	11796	HYDRAULIC MODELING 15/16 DW	3.3%	\$1,452	\$2,063
	19411	PA51 MASTER DW FACILITIES	77.7%	\$1,399	\$3,730

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
112 ET					
	10394	DATS & WELL 77 LEASE PAYMENT 16/17	3.3%	\$1,224	\$1,224
	11787	COMPRESSED NATURAL GAS MOTOR FUEL	3.3%	\$1,145	\$1,208
	11797	MARSH MITIGATION CREDIT INVENTORY	3.3%	\$561	\$703
	11878	SAN JOAQUIN MARSH IMPROVEMENTS	3.3%	\$436	\$650
	15051	WELLS 51/52/53 TREATMENT ALTERNATIVES STUDY	3.3%	\$350	\$446
	11765	STOCKDALE STORAGE FOR RECOVERY CAPACITY	3.3%	\$347	\$957
	11839	PDF SODIUM HYPOCHLORITE STORAGE AND FEED SYSTEM	3.3%	\$139	\$370
	11849	CENTRALIZED CONTROL ROOM AT MWRP	3.3%	\$59	\$145
	11882	DRWF SURGE TANKS	3.3%	\$56	\$142
	11785	EL MODENA NTS POND INFILTRATION	3.3%	\$33	\$76
	11779	EL MODENA INLET MODIFICATION	3.3%	\$33	\$76
	11560	LAKE FOREST DW OFFSITE IMPROVEMENTS	3.3%	\$23	\$59
	11665	SJM BUILDING CAMPUS MOLD REMEDIATION	1.7%	\$17	\$17
				\$2,582,758	\$2,870,020
113 TU					
	11747	BAKER WATER TREATMENT PLANT	3.0%	\$1,166,052	\$1,195,899
	11881	TUSTIN LEGACY REDHILL WELL ACQUISITION	100.0%	\$269,500	\$306,500
	11812	ROSEDALE DROUGHT RELIEF PROJECT FACILITIES	3.0%	\$102,234	\$110,481
	11866	TUSTIN LEGACY PARK AVE & MOFFETT DR 12" DW	100.0%	\$58,700	\$82,200
	11874	STOCKDALE WEST WELL CONSTRUCTION PROJECT	3.0%	\$54,135	\$55,983
	11645	STOCKDALE WEST WELLHEAD EQUIPPING	3.0%	\$41,328	\$43,149
	11687	CHLORAMINE BOOSTER STATIONS AT 2 DW RESERVOIRS	3.0%	\$32,685	\$34,341
	11619	ENTERPRISE ASSET MGMT SOFTWARE IMPLEMENTATION	3.0%	\$14,199	\$20,496
	11275	OCWD ANNEXATION FEE 15/16	3.0%	\$13,182	\$13,182

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
113 TU					
	11469	GREAT PARK COORDINATION AND SAMP UPDATE	100.0%	\$11,200	\$17,400
	11746	TUSTIN LEGACY WARNER FROM ARMSTRONG TO LEGACY DW	100.0%	\$10,700	\$13,000
	11764	WATER BANKING AGREEMENTS 14/16	3.0%	\$7,272	\$18,387
	11808	WATER SUPPLY AND SYSTEM RELIABILITY MODEL	3.0%	\$6,846	\$8,121
	11891	ZONE 1 RESERVOIR	3.0%	\$6,321	\$7,338
	11057	ENG PLANNING STUDY RESERVE 15/16 DW	3.0%	\$5,940	\$10,380
	11697	GEN SYS MODS-DW 15/16	3.0%	\$5,709	\$6,933
	11838	IDF SODIUM HYPOCHLORITE STORAGE AND FEED SYSTEM	3.0%	\$4,992	\$6,513
	11875	STOCKDALE WEST TURNOUT FACILITIES	3.0%	\$3,789	\$4,899
	11867	WATER BANKING PLANNING 15/16	3.0%	\$3,465	\$6,240
	11876	NTS INFILTRATION STUDY	3.0%	\$1,947	\$2,337
	11789	GIS SUPPORT APPLICATIONS 15/16 - DOMESTIC	3.0%	\$1,800	\$2,826
	11379	TUSTIN LEGACY TUSTIN RANCH ROAD	100.0%	\$1,400	\$1,400
	11796	HYDRAULIC MODELING 15/16 DW	3.0%	\$1,320	\$1,875
	10394	DATS & WELL 77 LEASE PAYMENT 16/17	3.0%	\$1,113	\$1,113
	11787	COMPRESSED NATURAL GAS MOTOR FUEL	3.0%	\$1,041	\$1,098
	11714	TUSTIN LEGACY TUSTIN RANCH, BARRANCA, ARMSTRONG DW	100.0%	\$800	\$800
	11797	MARSH MITIGATION CREDIT INVENTORY	3.0%	\$510	\$639
	11378	TUSTIN LEGACY MASTER DW FACILITIES	100.0%	\$500	\$1,400
	11716	TUSTIN LEGACY WARNER - LEGACY TO TUSTIN RANCH DW	100.0%	\$400	\$400
	11878	SAN JOAQUIN MARSH IMPROVEMENTS	3.0%	\$396	\$591
	15051	WELLS 51/52/53 TREATMENT ALTERNATIVES STUDY	3.0%	\$318	\$405
	11765	STOCKDALE STORAGE FOR RECOVERY CAPACITY	3.0%	\$315	\$870
	11839	PDF SODIUM HYPOCHLORITE STORAGE AND FEED SYSTEM	3.0%	\$126	\$336
	11849	CENTRALIZED CONTROL ROOM AT MWRP	3.0%	\$54	\$132

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
113 TU					
	11882	DRWF SURGE TANKS	3.0%	\$51	\$129
	11785	EL MODENA NTS POND INFILTRATION	3.0%	\$30	\$69
	11779	EL MODENA INLET MODIFICATION	3.0%	\$30	\$69
	11560	LAKE FOREST DW OFFSITE IMPROVEMENTS	3.0%	\$21	\$54
	11665	SJM BUILDING CAMPUS MOLD REMEDIATION	1.5%	\$15	\$15
				\$1,830,436	\$1,978,000
125-DevID_Potable					
	11747	BAKER WATER TREATMENT PLANT	47.5%	\$18,462,490	\$18,935,068
	11812	ROSEDALE DROUGHT RELIEF PROJECT FACILITIES	47.5%	\$1,618,705	\$1,749,283
	11874	STOCKDALE WEST WELL CONSTRUCTION PROJECT	47.5%	\$857,138	\$886,398
	11645	STOCKDALE WEST WELLHEAD EQUIPPING	47.5%	\$654,360	\$683,193
	11687	CHLORAMINE BOOSTER STATIONS AT 2 DW RESERVOIRS	47.5%	\$517,513	\$543,733
	11619	ENTERPRISE ASSET MGMT SOFTWARE IMPLEMENTATION	47.5%	\$224,818	\$324,520
	11275	OCWD ANNEXATION FEE 15/16	47.5%	\$208,715	\$208,715
	11886	NEWPORT COAST JOINT BONDING PHASE 2	100.0%	\$148,300	\$166,900
	11764	WATER BANKING AGREEMENTS 14/16	47.5%	\$115,140	\$291,128
	11808	WATER SUPPLY AND SYSTEM RELIABILITY MODEL	47.5%	\$108,395	\$128,583
	11891	ZONE 1 RESERVOIR	47.5%	\$100,083	\$116,185
	11057	ENG PLANNING STUDY RESERVE 15/16 DW	47.5%	\$94,050	\$164,350
	11697	GEN SYS MODS-DW 15/16	47.5%	\$90,393	\$109,773
	11838	IDF SODIUM HYPOCHLORITE STORAGE AND FEED SYSTEM	47.5%	\$79,040	\$103,123
	11875	STOCKDALE WEST TURNOUT FACILITIES	47.5%	\$59,993	\$77,568
	11867	WATER BANKING PLANNING 15/16	47.5%	\$54,863	\$98,800
	11876	NTS INFILTRATION STUDY	47.5%	\$30,828	\$37,003

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
125-DevID_Potable					
	11789	GIS SUPPORT APPLICATIONS 15/16 - DOMESTIC	47.5%	\$28,500	\$44,745
	11796	HYDRAULIC MODELING 15/16 DW	47.5%	\$20,900	\$29,688
	10394	DATS & WELL 77 LEASE PAYMENT 16/17	47.5%	\$17,623	\$17,623
	11787	COMPRESSED NATURAL GAS MOTOR FUEL	47.5%	\$16,483	\$17,385
	11797	MARSH MITIGATION CREDIT INVENTORY	47.5%	\$8,075	\$10,118
	11878	SAN JOAQUIN MARSH IMPROVEMENTS	47.5%	\$6,270	\$9,358
	15051	WELLS 51/52/53 TREATMENT ALTERNATIVES STUDY	47.5%	\$5,035	\$6,413
	11765	STOCKDALE STORAGE FOR RECOVERY CAPACITY	47.5%	\$4,988	\$13,775
	11755	COASTAL ZN2 PRV MODIFICATION (DPR16)	100.0%	\$2,000	\$4,700
	11839	PDF SODIUM HYPOCHLORITE STORAGE AND FEED SYSTEM	47.5%	\$1,995	\$5,320
	11849	CENTRALIZED CONTROL ROOM AT MWRP	47.5%	\$855	\$2,090
	11882	DRWF SURGE TANKS	47.5%	\$808	\$2,043
	11785	EL MODENA NTS POND INFILTRATION	47.5%	\$475	\$1,093
	11779	EL MODENA INLET MODIFICATION	47.5%	\$475	\$1,093
	11560	LAKE FOREST DW OFFSITE IMPROVEMENTS	47.5%	\$333	\$855
	11665	SJM BUILDING CAMPUS MOLD REMEDIATION	23.8%	\$238	\$238
				\$23,539,870	\$24,790,850
153-FutDevID_Potable					
	11747	BAKER WATER TREATMENT PLANT	11.1%	\$4,314,392	\$4,424,826
	11812	ROSEDALE DROUGHT RELIEF PROJECT FACILITIES	11.1%	\$378,266	\$408,780
	30501	PA6 NEIGHBORHOOD 4B 6" RW ZONE D	100.0%	\$288,700	\$347,700
	11874	STOCKDALE WEST WELL CONSTRUCTION PROJECT	11.1%	\$200,300	\$207,137
	11645	STOCKDALE WEST WELLHEAD EQUIPPING	11.1%	\$152,914	\$159,651
	11687	CHLORAMINE BOOSTER STATIONS AT 2 DW RESERVOIRS	11.1%	\$120,935	\$127,062

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
153-FutDevID_Potable					
	11619	ENTERPRISE ASSET MGMT SOFTWARE IMPLEMENTATION	11.1%	\$52,536	\$75,835
	11275	OCWD ANNEXATION FEE 15/16	11.1%	\$48,773	\$48,773
	11717	PA5B PHASE 1A 12" ZONE 3 DW	100.0%	\$27,900	\$33,600
	11764	WATER BANKING AGREEMENTS 14/16	11.1%	\$26,906	\$68,032
	11808	WATER SUPPLY AND SYSTEM RELIABILITY MODEL	11.1%	\$25,330	\$30,048
	11891	ZONE 1 RESERVOIR	11.1%	\$23,388	\$27,151
	11057	ENG PLANNING STUDY RESERVE 15/16 DW	11.1%	\$21,978	\$38,406
	11697	GEN SYS MODS-DW 15/16	11.1%	\$21,123	\$25,652
	11838	IDF SODIUM HYPOCHLORITE STORAGE AND FEED SYSTEM	11.1%	\$18,470	\$24,098
	11875	STOCKDALE WEST TURNOUT FACILITIES	11.1%	\$14,019	\$18,126
	11867	WATER BANKING PLANNING 15/16	11.1%	\$12,821	\$23,088
	11613	PA1 16" Z5 PIPE, 5-4 PRVS NEIGHBORHOOD 3	100.0%	\$11,000	\$29,400
	11876	NTS INFILTRATION STUDY	11.1%	\$7,204	\$8,647
	11789	GIS SUPPORT APPLICATIONS 15/16 - DOMESTIC	11.1%	\$6,660	\$10,456
	11796	HYDRAULIC MODELING 15/16 DW	11.1%	\$4,884	\$6,938
	10394	DATS & WELL 77 LEASE PAYMENT 16/17	11.1%	\$4,118	\$4,118
	11787	COMPRESSED NATURAL GAS MOTOR FUEL	11.1%	\$3,852	\$4,063
	11797	MARSH MITIGATION CREDIT INVENTORY	11.1%	\$1,887	\$2,364
	11878	SAN JOAQUIN MARSH IMPROVEMENTS	11.1%	\$1,465	\$2,187
	15051	WELLS 51/52/53 TREATMENT ALTERNATIVES STUDY	11.1%	\$1,177	\$1,499
	11765	STOCKDALE STORAGE FOR RECOVERY CAPACITY	11.1%	\$1,166	\$3,219
	11739	PA18S HIDDEN CANYON 12" DW	100.0%	\$900	\$900
	11839	PDF SODIUM HYPOCHLORITE STORAGE AND FEED SYSTEM	11.1%	\$466	\$1,243
	19411	PA51 MASTER DW FACILITIES	22.3%	\$401	\$1,070
	11605	PA40 PH2 DW FACILITIES	100.0%	\$300	\$300

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
153-FutDevID_Potable					
	11849	CENTRALIZED CONTROL ROOM AT MWRP	11.1%	\$200	\$488
	11882	DRWF SURGE TANKS	11.1%	\$189	\$477
	11779	EL MODENA INLET MODIFICATION	11.1%	\$111	\$255
	11785	EL MODENA NTS POND INFILTRATION	11.1%	\$111	\$255
	11560	LAKE FOREST DW OFFSITE IMPROVEMENTS	11.1%	\$78	\$200
	11665	SJM BUILDING CAMPUS MOLD REMEDIATION	5.6%	\$56	\$56
				\$5,794,975	\$6,166,100
154					
	11747	BAKER WATER TREATMENT PLANT	0.4%	\$155,474	\$159,453
	11812	ROSEDALE DROUGHT RELIEF PROJECT FACILITIES	0.4%	\$13,631	\$14,731
	11874	STOCKDALE WEST WELL CONSTRUCTION PROJECT	0.4%	\$7,218	\$7,464
	11645	STOCKDALE WEST WELLHEAD EQUIPPING	0.4%	\$5,510	\$5,753
	11687	CHLORAMINE BOOSTER STATIONS AT 2 DW RESERVOIRS	0.4%	\$4,358	\$4,579
	11619	ENTERPRISE ASSET MGMT SOFTWARE IMPLEMENTATION	0.4%	\$1,893	\$2,733
	11275	OCWD ANNEXATION FEE 15/16	0.4%	\$1,758	\$1,758
	11764	WATER BANKING AGREEMENTS 14/16	0.4%	\$970	\$2,452
	11808	WATER SUPPLY AND SYSTEM RELIABILITY MODEL	0.4%	\$913	\$1,083
	11891	ZONE 1 RESERVOIR	0.4%	\$843	\$978
	11057	ENG PLANNING STUDY RESERVE 15/16 DW	0.4%	\$792	\$1,384
	11697	GEN SYS MODS-DW 15/16	0.4%	\$761	\$924
	11838	IDF SODIUM HYPOCHLORITE STORAGE AND FEED SYSTEM	0.4%	\$666	\$868
	11875	STOCKDALE WEST TURNOUT FACILITIES	0.4%	\$505	\$653
	11867	WATER BANKING PLANNING 15/16	0.4%	\$462	\$832
	11876	NTS INFILTRATION STUDY	0.4%	\$260	\$312

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
154					
	11789	GIS SUPPORT APPLICATIONS 15/16 - DOMESTIC	0.4%	\$240	\$377
	11796	HYDRAULIC MODELING 15/16 DW	0.4%	\$176	\$250
	10394	DATS & WELL 77 LEASE PAYMENT 16/17	0.4%	\$148	\$148
	11787	COMPRESSED NATURAL GAS MOTOR FUEL	0.4%	\$139	\$146
	11797	MARSH MITIGATION CREDIT INVENTORY	0.4%	\$68	\$85
	11878	SAN JOAQUIN MARSH IMPROVEMENTS	0.4%	\$53	\$79
	15051	WELLS 51/52/53 TREATMENT ALTERNATIVES STUDY	0.4%	\$42	\$54
	11765	STOCKDALE STORAGE FOR RECOVERY CAPACITY	0.4%	\$42	\$116
	11839	PDF SODIUM HYPOCHLORITE STORAGE AND FEED SYSTEM	0.4%	\$17	\$45
	11849	CENTRALIZED CONTROL ROOM AT MWRP	0.4%	\$7	\$18
	11882	DRWF SURGE TANKS	0.4%	\$7	\$17
	11779	EL MODENA INLET MODIFICATION	0.4%	\$4	\$9
	11785	EL MODENA NTS POND INFILTRATION	0.4%	\$4	\$9
	11560	LAKE FOREST DW OFFSITE IMPROVEMENTS	0.4%	\$3	\$7
	11665	SJM BUILDING CAMPUS MOLD REMEDIATION	0.2%	\$2	\$2
				\$196,965	\$207,320
185-LF_OSA					
	11747	BAKER WATER TREATMENT PLANT	1.6%	\$621,894	\$637,813
	11791	LAKE FOREST Z2-2RA PRV AT COMMERCENTRE	100.0%	\$59,200	\$63,900
	11812	ROSEDALE DROUGHT RELIEF PROJECT FACILITIES	1.6%	\$54,525	\$58,923
	11874	STOCKDALE WEST WELL CONSTRUCTION PROJECT	1.6%	\$28,872	\$29,858
	11645	STOCKDALE WEST WELLHEAD EQUIPPING	1.6%	\$22,042	\$23,013
	11687	CHLORAMINE BOOSTER STATIONS AT 2 DW RESERVOIRS	1.6%	\$17,432	\$18,315
	11619	ENTERPRISE ASSET MGMT SOFTWARE IMPLEMENTATION	1.6%	\$7,573	\$10,931

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
185-LF_OSA					
	11275	OCWD ANNEXATION FEE 15/16	1.6%	\$7,030	\$7,030
	11764	WATER BANKING AGREEMENTS 14/16	1.6%	\$3,878	\$9,806
	11808	WATER SUPPLY AND SYSTEM RELIABILITY MODEL	1.6%	\$3,651	\$4,331
	11891	ZONE 1 RESERVOIR	1.6%	\$3,371	\$3,914
	11057	ENG PLANNING STUDY RESERVE 15/16 DW	1.6%	\$3,168	\$5,536
	11697	GEN SYS MODS-DW 15/16	1.6%	\$3,045	\$3,698
	11838	IDF SODIUM HYPOCHLORITE STORAGE AND FEED SYSTEM	1.6%	\$2,662	\$3,474
	11562	LAKE FOREST DW OPPORTUNITY AREAS	100.0%	\$2,400	\$6,600
	11875	STOCKDALE WEST TURNOUT FACILITIES	1.6%	\$2,021	\$2,613
	11867	WATER BANKING PLANNING 15/16	1.6%	\$1,848	\$3,328
	11876	NTS INFILTRATION STUDY	1.6%	\$1,038	\$1,246
	11789	GIS SUPPORT APPLICATIONS 15/16 - DOMESTIC	1.6%	\$960	\$1,507
	11796	HYDRAULIC MODELING 15/16 DW	1.6%	\$704	\$1,000
	10394	DATS & WELL 77 LEASE PAYMENT 16/17	1.6%	\$594	\$594
	11787	COMPRESSED NATURAL GAS MOTOR FUEL	1.6%	\$555	\$586
	11797	MARSH MITIGATION CREDIT INVENTORY	1.6%	\$272	\$341
	11878	SAN JOAQUIN MARSH IMPROVEMENTS	1.6%	\$211	\$315
	15051	WELLS 51/52/53 TREATMENT ALTERNATIVES STUDY	1.6%	\$170	\$216
	11765	STOCKDALE STORAGE FOR RECOVERY CAPACITY	1.6%	\$168	\$464
	11839	PDF SODIUM HYPOCHLORITE STORAGE AND FEED SYSTEM	1.6%	\$67	\$179
	11849	CENTRALIZED CONTROL ROOM AT MWRP	1.6%	\$29	\$70
	11882	DRWF SURGE TANKS	1.6%	\$27	\$69
	11785	EL MODENA NTS POND INFILTRATION	1.6%	\$16	\$37
	11779	EL MODENA INLET MODIFICATION	1.6%	\$16	\$37
	11560	LAKE FOREST DW OFFSITE IMPROVEMENTS	1.6%	\$11	\$29

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
185-LF_OSA					
	11665	SJM BUILDING CAMPUS MOLD REMEDIATION	0.8%	\$8	\$8
				\$849,459	\$899,780
188					
	11747	BAKER WATER TREATMENT PLANT	0.5%	\$194,342	\$199,317
	11812	ROSEDALE DROUGHT RELIEF PROJECT FACILITIES	0.5%	\$17,039	\$18,414
	11874	STOCKDALE WEST WELL CONSTRUCTION PROJECT	0.5%	\$9,023	\$9,331
	11645	STOCKDALE WEST WELLHEAD EQUIPPING	0.5%	\$6,888	\$7,192
	11687	CHLORAMINE BOOSTER STATIONS AT 2 DW RESERVOIRS	0.5%	\$5,448	\$5,724
	11619	ENTERPRISE ASSET MGMT SOFTWARE IMPLEMENTATION	0.5%	\$2,367	\$3,416
	11275	OCWD ANNEXATION FEE 15/16	0.5%	\$2,197	\$2,197
	11764	WATER BANKING AGREEMENTS 14/16	0.5%	\$1,212	\$3,065
	11808	WATER SUPPLY AND SYSTEM RELIABILITY MODEL	0.5%	\$1,141	\$1,354
	11891	ZONE 1 RESERVOIR	0.5%	\$1,054	\$1,223
	11057	ENG PLANNING STUDY RESERVE 15/16 DW	0.5%	\$990	\$1,730
	11697	GEN SYS MODS-DW 15/16	0.5%	\$952	\$1,156
	11838	IDF SODIUM HYPOCHLORITE STORAGE AND FEED SYSTEM	0.5%	\$832	\$1,086
	11875	STOCKDALE WEST TURNOUT FACILITIES	0.5%	\$632	\$817
	11867	WATER BANKING PLANNING 15/16	0.5%	\$578	\$1,040
	11876	NTS INFILTRATION STUDY	0.5%	\$325	\$390
	11789	GIS SUPPORT APPLICATIONS 15/16 - DOMESTIC	0.5%	\$300	\$471
	11796	HYDRAULIC MODELING 15/16 DW	0.5%	\$220	\$313
	10394	DATS & WELL 77 LEASE PAYMENT 16/17	0.5%	\$186	\$186
	11787	COMPRESSED NATURAL GAS MOTOR FUEL	0.5%	\$174	\$183
	11797	MARSH MITIGATION CREDIT INVENTORY	0.5%	\$85	\$107

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
188					
	11878	SAN JOAQUIN MARSH IMPROVEMENTS	0.5%	\$66	\$99
	15051	WELLS 51/52/53 TREATMENT ALTERNATIVES STUDY	0.5%	\$53	\$68
	11765	STOCKDALE STORAGE FOR RECOVERY CAPACITY	0.5%	\$53	\$145
	11839	PDF SODIUM HYPOCHLORITE STORAGE AND FEED SYSTEM	0.5%	\$21	\$56
	11849	CENTRALIZED CONTROL ROOM AT MWRP	0.5%	\$9	\$22
	11882	DRWF SURGE TANKS	0.5%	\$9	\$22
	11779	EL MODENA INLET MODIFICATION	0.5%	\$5	\$12
	11785	EL MODENA NTS POND INFILTRATION	0.5%	\$5	\$12
	11560	LAKE FOREST DW OFFSITE IMPROVEMENTS	0.5%	\$4	\$9
	11665	SJM BUILDING CAMPUS MOLD REMEDIATION	0.3%	\$3	\$3
				\$246,206	\$259,150
201-Rep					
	21146	MWRP BIOSOLIDS AND ENERGY RECOVERY FACILITIES	57.1%	\$29,984,752	\$30,858,953
	20813	OCSO SOLIDS HANDLING 15/16	57.1%	\$794,261	\$794,261
	31702	SERVICE LINE, VALVE & MAIN REPLACEMENT-RW 15/16	100.0%	\$515,800	\$534,300
	21711	ID CONSOLIDATION PROJECT ACCOUNTING IMPLEMENTATION	100.0%	\$501,600	\$723,600
	31704	MECH & ELEC SYS REPLACEMENT - RW 15/16	100.0%	\$484,000	\$484,000
	21704	MECH & ELEC SYS REPLACEMENT - SEWER 15/16	100.0%	\$440,000	\$440,000
	20915	MWRP SYS REPLACEMENTS 15/16	100.0%	\$332,200	\$335,900
	21171	SEWER GEN SYS MODS 15/16	100.0%	\$330,000	\$330,000
	21169	CULVER DRIVE SMH IMPROVEMENTS	100.0%	\$328,700	\$373,800
	21781	PORTABLE DIESEL GENERATOR REPLACEMENT - SEWER	100.0%	\$293,900	\$293,900
	31781	PORTABLE DIESEL GENERATOR REPLACEMENT - RW	100.0%	\$293,900	\$293,900
	21182	PLANO LIFT STATION FORCE MAIN RELOCATION (SMWD)	100.0%	\$291,900	\$291,900

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
201-Rep					
	21168	NEWPORT COAST SLS AND FM RECOATING	100.0%	\$244,200	\$304,300
	21814	2015 IRVINE ANNUAL ST REHAB, SEWER	100.0%	\$233,200	\$251,700
	30403	WELL REHAB NO. 1 (RW)	100.0%	\$228,700	\$284,100
	21151	SEWER LATERAL & MAIN REPLACEMENT 15/16	100.0%	\$218,900	\$237,400
	21167	MWRP FPS 2 ROOF REPLACEMENT	100.0%	\$210,200	\$250,400
	21142	MWRP MISCELLANEOUS REPAIR AND REPLACEMENT	100.0%	\$170,000	\$281,000
	30406	1" TO 2" METER REPLACEMENT-RW 15/16	100.0%	\$140,300	\$154,200
	30482	WELL 78 SPARE PUMP AND MOTOR PURCHASE	100.0%	\$138,300	\$138,300
	21011	LAWRP SYSTEM REPLACEMENTS 15/16	100.0%	\$132,000	\$132,000
	30530	SYPHON RESERVOIR SLIDE GATE REPLACEMENT	100.0%	\$114,500	\$125,100
	31696	CSR METER REPLACEMENT-RW 15/16	100.0%	\$112,200	\$115,900
	21183	RAISE MANHOLES TO GRADE 15/16 UNDER RA	100.0%	\$110,000	\$110,000
	31814	2015 IRVINE ANNUAL ST REHAB, RW	100.0%	\$97,400	\$111,300
	21119	SOCWA ETM PROTECTION - TRAIL BRIDGE CROSSING	100.0%	\$87,600	\$96,800
	21889	BUSINESS INTELLIGENCE SOFTWARE UPGRADE	100.0%	\$84,200	\$127,300
	21598	HQ LIGHTING RETROFIT & CEILING REPLACE	100.0%	\$45,400	\$66,800
	30495	REG RW - RATTLESNAKE BPS PUMP UPGRADE	100.0%	\$40,500	\$58,900
	31698	RAISE RW SYSTEM VALVES 15/16 UNDER RA	100.0%	\$38,500	\$47,800
	30381	SAN JOAQUIN RESERVOIR LINER REPLACEMENT	100.0%	\$35,000	\$96,400
	30455	SJR ACTUATOR REPAIR/REPLACEMENT	100.0%	\$23,900	\$29,000
	30402	WELL REHAB PROGRAM RW 13/14 THRU 15/16	100.0%	\$11,500	\$13,100
	31598	HQ LIGHTING RETROFIT & CEILING REPLACE	100.0%	\$10,400	\$16,200
	21235	WOODHOLLOW SEWER REPLACEMENT	100.0%	\$3,400	\$8,600
	30502	WEIR CANYON VALVE VAULT PLC UPGRADE	100.0%	\$2,200	\$3,400
	30453	LAGUNA CANYON RD RW PIPELINE CORROSION REPLACE	100.0%	\$2,000	\$4,600

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
201-Rep					
	21181	MAIN ST DIVERSION STRUCTURE GROUND SETTLING	100.0%	\$1,800	\$4,400
	21879	VAULT LID REPLACEMENT - SEWER	100.0%	\$1,700	\$4,300
	31879	VAULT LID REPLACEMENT - RW	100.0%	\$1,700	\$4,300
	21205	MAINTENANCE ACCESS FOR FOUR SEWER REACHES	100.0%	\$1,400	\$3,300
				\$37,132,113	\$38,835,414
210					
	21146	MWRP BIOSOLIDS AND ENERGY RECOVERY FACILITIES	14.2%	\$7,456,751	\$7,674,151
	21163	PETERS CANYON WATER CAPTURE AND REUSE PIPELINE	33.1%	\$1,800,044	\$1,842,081
	20116	OCSO CORF 15/16	33.1%	\$1,583,901	\$1,583,901
	20593	OCSO EQUITY 15/16	33.1%	\$1,509,724	\$1,509,724
	20589	OCSO EQUITY 14/15	33.1%	\$726,214	\$726,214
	20115	OCSO CORF 14/15	33.1%	\$233,355	\$233,355
	30435	RATTLESNAKE SODIUM HYPOCHLORITE STORAGE AND FEED	14.6%	\$204,955	\$217,613
	20813	OCSO SOLIDS HANDLING 15/16	14.2%	\$197,521	\$197,521
	21748	SCSMP UPDATE AND LONG-TERM FLOW MONITORING	33.1%	\$191,450	\$252,785
	21619	ENTERPRISE ASSET MGMT SOFTWARE IMPLEMENTATION	33.1%	\$156,662	\$226,139
	30513	ILP NORTH CONVERSION - PIPELINES	14.6%	\$105,835	\$124,188
	30496	ILP NORTH CONVERSION - RESERVOIR	14.6%	\$102,755	\$116,596
	21188	WATER RECYCLING PLANT MASTER PLAN UPDATE	33.1%	\$67,127	\$89,701
	30420	PA5B PHASE 1A AND 1B 36" RW	14.6%	\$60,575	\$64,999
	21191	OPS DATABASE MANAGEMENT SYSTEM	33.1%	\$57,495	\$62,096
	21057	ENG PLANNING STUDY RESERVE 15/16 SEWER	33.1%	\$56,800	\$103,338
	31057	ENG PLANNING STUDY RESERVE 15/16 RW	14.6%	\$25,696	\$41,902
	21826	GIS SUPPORT APPLICATIONS 16/17 - SEWER	33.1%	\$19,860	\$31,180

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
210					
	21789	GIS SUPPORT APPLICATIONS 15/16 - SEWER	33.1%	\$19,860	\$31,180
	31789	GIS SUPPORT APPLICATIONS 15/16 - RECYCLED	33.1%	\$19,860	\$31,180
	31697	GEN SYS MODS-RW 15/16	14.6%	\$14,863	\$18,119
	21796	HYDRAULIC MODELING 15/16 SEWER	33.1%	\$14,564	\$20,688
	30408	REG RW - MULTI-ZONE BPS - ZONE A TO SYPHON	14.6%	\$13,155	\$27,258
	30382	SYPHON RESERVOIR EXPANSION	14.6%	\$12,863	\$20,484
	30331	SANTIAGO DAM & OUTLET TWR SEISMIC STABILITY	14.6%	\$12,614	\$16,148
	30560	RW IMPROVEMENTS FOR OFF-SITE 15/16	14.6%	\$12,045	\$14,527
	30569	RW IMPROVEMENTS FOR OFF-SITE 17/18	14.6%	\$12,045	\$14,527
	30561	RW IMPROVEMENTS FOR OFF-SITE 16/17	14.6%	\$12,045	\$14,527
	30415	CATHODIC PROTECTION FOR GAP PIPE SEGMENT	14.6%	\$8,585	\$10,629
	31796	HYDRAULIC MODELING 15/16 RW	14.6%	\$6,424	\$9,125
	21288	MBR BLOWER ROOM SAFETY PLATFORM	33.1%	\$3,674	\$4,005
	30517	LAKE FOREST CONTROL AND TELEMETRY SYS REPLACEMENT	14.6%	\$3,343	\$6,044
	30572	PIEZOMETER ACCESS AT RATTLESNAKE SYPHON & SAND CYN	33.1%	\$1,456	\$3,807
	21234	OPS CENTER PERMANENT GENERATOR	33.1%	\$1,125	\$2,847
	30487	PA18S HIDDEN CANYON 36" RW PIPELINE	14.6%	\$905	\$905
	21849	CENTRALIZED CONTROL ROOM AT MWRP	33.1%	\$596	\$1,456
	30366	TECHNOLOGY DR AND LAGUNA CANYON RD RW ZONE B	14.6%	\$496	\$496
	21170	SJM SLS UPGRADE	33.1%	\$397	\$1,026
	30461	SJR SEISMIC EVALUATION (DSOD)	14.6%	\$161	\$409
				\$14,727,797	\$15,346,870
212 ET					
	21216	PA51 ALTON PKWY SS RELOCATION 12" AND 18"	100.0%	\$1,321,800	\$1,623,900

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
212 ET					
	21219	PA51 MARINE WAY, ALTON TO BARRANCA 18" SS	100.0%	\$911,200	\$1,050,000
	21806	PA51 ALTON, TECHNOLOGY TO MUIRLANDS SS RELOCATION	100.0%	\$819,100	\$880,600
	21146	MWRP BIOSOLIDS AND ENERGY RECOVERY FACILITIES	1.5%	\$765,950	\$788,281
	21213	PA51 LQ ST FROM BOSQUE TO Z ST 12" SEWER	100.0%	\$647,000	\$739,000
	31809	PA51 IRVINE BLV LAMBERT TO Z ST 20" RW	100.0%	\$346,600	\$395,800
	31213	PA51 LQ ST FROM BOSQUE TO Z ST 12" RW	100.0%	\$226,700	\$275,900
	31842	PA51 MARINE WAY, ALTON TO BARRANCA 16" RW ZN B	100.0%	\$223,300	\$260,400
	31806	PA51 ALTON, TECHNOLOGY TO MUIRLANDS 16" RW	100.0%	\$207,000	\$238,200
	30388	PA51 MARINE WAY RW ZNB	100.0%	\$206,900	\$244,100
	21163	PETERS CANYON WATER CAPTURE AND REUSE PIPELINE	3.4%	\$184,899	\$189,217
	31804	PA51 "B" ST FROM SOCIABLE TO IRVINE BLV 16" ZN C	100.0%	\$176,300	\$200,100
	20116	OCSD CORF 15/16	3.4%	\$162,697	\$162,697
	20593	OCSD EQUITY 15/16	3.4%	\$155,077	\$155,077
	30435	RATTLESNAKE SODIUM HYPOCHLORITE STORAGE AND FEED	10.7%	\$150,207	\$159,484
	30503	PA51 SOCIABLE ST FROM Z TO B ST 12" & 16" ZONE B	100.0%	\$137,400	\$155,900
	21723	PA51 LY ST FROM LQ ST TO IRVINE BLVD SEWER	100.0%	\$134,900	\$148,600
	31887	PA-51 MARINE WAY: SR133 TO RIDGE VALLEY 6" ZONE B	100.0%	\$113,100	\$149,000
	31890	PA 51 BENCHMARK, BOSQUE TO 550'E/O BOSQUE 6" ZC	100.0%	\$113,100	\$149,000
	30513	ILP NORTH CONVERSION - PIPELINES	10.7%	\$77,564	\$91,014
	30496	ILP NORTH CONVERSION - RESERVOIR	10.7%	\$75,307	\$85,450
	20589	OCSD EQUITY 14/15	3.4%	\$74,596	\$74,596
	31723	PA51 LY ST FROM LQ ST TO IRVINE BLVD RW	100.0%	\$73,000	\$88,500
	21141	PA51 RIDGE VALLEY, MARINE WAY TO TRABUCO - SEWER	100.0%	\$50,000	\$50,000
	30410	REG RW - MULTI-ZONE BPS - ZONE C	50.5%	\$49,541	\$98,324
	30420	PA5B PHASE 1A AND 1B 36" RW	10.7%	\$44,394	\$47,636

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
212 ET					
	30394	PA51 RIDGE VALLEY, MARINE WAY TO TRABUCO - RW	100.0%	\$38,600	\$42,900
	30570	REG RW - IIC ZONE B BPS UPGRADES	54.2%	\$37,669	\$43,631
	30552	REG RW - NORTHWOOD ZONE B BPS UPGRADE	54.2%	\$35,176	\$50,135
	30571	REG RW - 20"ZN B PIPE CONSTRUCTION & CONVERSION	54.2%	\$26,829	\$40,813
	21165	PA51 C ST FROM LV ST TO TRABUCO SEWER	100.0%	\$24,400	\$30,100
	20115	OCSO CORF 14/15	3.4%	\$23,970	\$23,970
	21671	PA51 RIDGE VALLEY, TRABUCO TO IRVINE BLVD - SS	100.0%	\$21,300	\$24,600
	30409	REG RW - MULTI-ZONE BPS - ZONE B	54.2%	\$21,084	\$47,317
	31159	PA51 LV ST FROM RIDGE VALLEY TO LY ST 12" RW	100.0%	\$20,900	\$25,200
	20813	OCSO SOLIDS HANDLING 15/16	1.5%	\$20,289	\$20,289
	21159	PA51 LV ST FROM RIDGE VALLEY TO LY ST 18" SEWER	100.0%	\$20,100	\$24,400
	21748	SCSMP UPDATE AND LONG-TERM FLOW MONITORING	3.4%	\$19,666	\$25,966
	31057	ENG PLANNING STUDY RESERVE 15/16 RW	10.7%	\$18,832	\$30,709
	31721	PA51 C ST FROM LQ ST TO O ST RW	100.0%	\$18,300	\$21,200
	21156	PA51 LQ ST FROM O ST TO LY ST SEWER	100.0%	\$17,000	\$19,100
	21158	PA51 C ST FROM TRABUCO RD TO LQ ST SEWER	100.0%	\$16,500	\$16,500
	21619	ENTERPRISE ASSET MGMT SOFTWARE IMPLEMENTATION	3.4%	\$16,092	\$23,229
	30427	PA51 LY ST FROM TRABUCO RD TO LQ ST RW	100.0%	\$15,600	\$19,900
	21809	PA51 IRVINE BLV LAMBERT TO Z ST 16" SS	100.0%	\$15,300	\$19,100
	31660	PA51 TRABUCO RD, SR133 TO LY ST RW	100.0%	\$12,100	\$12,100
	31697	GEN SYS MODS-RW 15/16	10.7%	\$10,893	\$13,279
	30408	REG RW - MULTI-ZONE BPS - ZONE A TO SYPHON	10.7%	\$9,641	\$19,977
	30382	SYPHON RESERVOIR EXPANSION	10.7%	\$9,427	\$15,012
	31671	PA51 RIDGE VALLEY, TRABUCO TO IRVINE BLVD - RW	100.0%	\$9,400	\$11,100
	30331	SANTIAGO DAM & OUTLET TWR SEISMIC STABILITY	10.7%	\$9,245	\$11,834

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
212 ET					
	30560	RW IMPROVEMENTS FOR OFF-SITE 15/16	10.7%	\$8,828	\$10,647
	30561	RW IMPROVEMENTS FOR OFF-SITE 16/17	10.7%	\$8,828	\$10,647
	30569	RW IMPROVEMENTS FOR OFF-SITE 17/18	10.7%	\$8,828	\$10,647
	31719	PA51 LN ST FROM C ST TO LY ST RW	100.0%	\$6,900	\$8,600
	21188	WATER RECYCLING PLANT MASTER PLAN UPDATE	3.4%	\$6,895	\$9,214
	30415	CATHODIC PROTECTION FOR GAP PIPE SEGMENT	10.7%	\$6,292	\$7,790
	21191	OPS DATABASE MANAGEMENT SYSTEM	3.4%	\$5,906	\$6,378
	21057	ENG PLANNING STUDY RESERVE 15/16 SEWER	3.4%	\$5,834	\$10,615
	31156	PA51 LQ ST FROM O ST TO LY ST RW	100.0%	\$5,100	\$6,100
	31796	HYDRAULIC MODELING 15/16 RW	10.7%	\$4,708	\$6,688
	21660	PA51 TRABUCO RD, SR133 TO LY ST SEWER	100.0%	\$3,600	\$3,600
	30517	LAKE FOREST CONTROL AND TELEMTRY SYS REPLACEMENT	10.7%	\$2,450	\$4,430
	31789	GIS SUPPORT APPLICATIONS 15/16 - RECYCLED	3.4%	\$2,040	\$3,203
	21826	GIS SUPPORT APPLICATIONS 16/17 - SEWER	3.4%	\$2,040	\$3,203
	21789	GIS SUPPORT APPLICATIONS 15/16 - SEWER	3.4%	\$2,040	\$3,203
	21379	TUSTIN LEGACY TUSTIN RANCH ROAD	100.0%	\$1,600	\$1,600
	21796	HYDRAULIC MODELING 15/16 SEWER	3.4%	\$1,496	\$2,125
	39410	PA51 MASTER RW FACILITIES	93.5%	\$1,403	\$3,647
	30487	PA18S HIDDEN CANYON 36" RW PIPELINE	10.7%	\$663	\$663
	21288	MBR BLOWER ROOM SAFETY PLATFORM	3.4%	\$377	\$411
	30366	TECHNOLOGY DR AND LAGUNA CANYON RD RW ZONE B	10.7%	\$364	\$364
	20374	PA51 MASTER SS FACILITIES	81.3%	\$244	\$650
	30572	PIEZOMETER ACCESS AT RATTLESNAKE SYPHON & SAND CYN	3.4%	\$150	\$391
	30461	SJR SEISMIC EVALUATION (DSOD)	10.7%	\$118	\$300
	21234	OPS CENTER PERMANENT GENERATOR	3.4%	\$116	\$292

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
212 ET					
	21849	CENTRALIZED CONTROL ROOM AT MWRP	3.4%	\$61	\$150
	21170	SJM SLS UPGRADE	3.4%	\$41	\$105
				\$8,022,863	\$9,248,797
213 TU					
	21146	MWRP BIOSOLIDS AND ENERGY RECOVERY FACILITIES	1.5%	\$765,950	\$788,281
	30512	TUSTIN LEGACY BARRANCA FROM ARMSTRONG TO ASTON RW	100.0%	\$247,000	\$297,800
	21163	PETERS CANYON WATER CAPTURE AND REUSE PIPELINE	3.4%	\$184,899	\$189,217
	20116	OCS D CORF 15/16	3.4%	\$162,697	\$162,697
	20593	OCS D EQUITY 15/16	3.4%	\$155,077	\$155,077
	30447	TUSTIN LEGACY ARMSTRONG ZONE A & WARNER ZONE A RW	100.0%	\$133,500	\$155,800
	20589	OCS D EQUITY 14/15	3.4%	\$74,596	\$74,596
	31866	TUSTIN LEGACY PARK AVE & MOFFETT DR 16" & 6" RW	100.0%	\$58,700	\$82,200
	21866	TUSTIN LEGACY PARK AVE & MOFFETT DR 16" & 15" SS	100.0%	\$58,700	\$82,200
	30435	RATTLESNAKE SODIUM HYPOCHLORITE STORAGE AND FEED	4.1%	\$57,556	\$61,111
	31746	TUSTIN LEGACY WARNER FROM ARMSTRONG TO LEGACY RW	100.0%	\$47,100	\$56,400
	21217	TUSTIN LEGACY PARK AVE FROM JAMBOREE TO VICTORY SS	100.0%	\$36,700	\$42,900
	30513	ILP NORTH CONVERSION - PIPELINES	4.1%	\$29,721	\$34,875
	30496	ILP NORTH CONVERSION - RESERVOIR	4.1%	\$28,856	\$32,743
	20115	OCS D CORF 14/15	3.4%	\$23,970	\$23,970
	20813	OCS D SOLIDS HANDLING 15/16	1.5%	\$20,289	\$20,289
	21748	SCSMP UPDATE AND LONG-TERM FLOW MONITORING	3.4%	\$19,666	\$25,966
	30420	PA5B PHASE 1A AND 1B 36" RW	4.1%	\$17,011	\$18,253
	21619	ENTERPRISE ASSET MGMT SOFTWARE IMPLEMENTATION	3.4%	\$16,092	\$23,229
	21469	GREAT PARK COORDINATION AND SAMP UPDATE	100.0%	\$11,200	\$17,400

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
213 TU					
	31057	ENG PLANNING STUDY RESERVE 15/16 RW	4.1%	\$7,216	\$11,767
	21188	WATER RECYCLING PLANT MASTER PLAN UPDATE	3.4%	\$6,895	\$9,214
	21191	OPS DATABASE MANAGEMENT SYSTEM	3.4%	\$5,906	\$6,378
	21057	ENG PLANNING STUDY RESERVE 15/16 SEWER	3.4%	\$5,834	\$10,615
	31697	GEN SYS MODS-RW 15/16	4.1%	\$4,174	\$5,088
	30408	REG RW - MULTI-ZONE BPS - ZONE A TO SYPHON	4.1%	\$3,694	\$7,655
	30382	SYPHON RESERVOIR EXPANSION	4.1%	\$3,612	\$5,752
	30331	SANTIAGO DAM & OUTLET TWR SEISMIC STABILITY	4.1%	\$3,542	\$4,535
	30561	RW IMPROVEMENTS FOR OFF-SITE 16/17	4.1%	\$3,383	\$4,080
	30569	RW IMPROVEMENTS FOR OFF-SITE 17/18	4.1%	\$3,383	\$4,080
	30560	RW IMPROVEMENTS FOR OFF-SITE 15/16	4.1%	\$3,383	\$4,080
	30415	CATHODIC PROTECTION FOR GAP PIPE SEGMENT	4.1%	\$2,411	\$2,985
	31789	GIS SUPPORT APPLICATIONS 15/16 - RECYCLED	3.4%	\$2,040	\$3,203
	21789	GIS SUPPORT APPLICATIONS 15/16 - SEWER	3.4%	\$2,040	\$3,203
	21826	GIS SUPPORT APPLICATIONS 16/17 - SEWER	3.4%	\$2,040	\$3,203
	31796	HYDRAULIC MODELING 15/16 RW	4.1%	\$1,804	\$2,563
	31379	TUSTIN LEGACY TUSTIN RANCH ROAD	100.0%	\$1,800	\$1,800
	31714	TUSTIN LEGACY TUSTIN RANCH, BARRANCA, ARMSTRONG RW	100.0%	\$1,600	\$1,600
	21796	HYDRAULIC MODELING 15/16 SEWER	3.4%	\$1,496	\$2,125
	30517	LAKE FOREST CONTROL AND TELEMETRY SYS REPLACEMENT	4.1%	\$939	\$1,697
	31378	TUSTIN LEGACY MASTER RW FACILITIES	100.0%	\$600	\$1,600
	31716	TUSTIN LEGACY WARNER - LEGACY TO TUSTIN RANCH RW	100.0%	\$500	\$500
	21378	TUSTIN LEGACY MASTER SEWER FACILITIES	100.0%	\$400	\$1,000
	21288	MBR BLOWER ROOM SAFETY PLATFORM	3.4%	\$377	\$411
	30487	PA18S HIDDEN CANYON 36" RW PIPELINE	4.1%	\$254	\$254

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
213 TU					
	30572	PIEZOMETER ACCESS AT RATTLESNAKE SYPHON & SAND CYN	3.4%	\$150	\$391
	30366	TECHNOLOGY DR AND LAGUNA CANYON RD RW ZONE B	4.1%	\$139	\$139
	21234	OPS CENTER PERMANENT GENERATOR	3.4%	\$116	\$292
	21849	CENTRALIZED CONTROL ROOM AT MWRP	3.4%	\$61	\$150
	30461	SJR SEISMIC EVALUATION (DSOD)	4.1%	\$45	\$115
	21170	SJM SLS UPGRADE	3.4%	\$41	\$105
				\$2,219,154	\$2,445,582
225-DevID_Potable					
	21146	MWRP BIOSOLIDS AND ENERGY RECOVERY FACILITIES	20.8%	\$10,926,055	\$11,244,602
	21163	PETERS CANYON WATER CAPTURE AND REUSE PIPELINE	48.5%	\$2,637,527	\$2,699,122
	20116	OCS D CORF 15/16	48.5%	\$2,320,822	\$2,320,822
	20593	OCS D EQUITY 15/16	48.5%	\$2,212,134	\$2,212,134
	20589	OCS D EQUITY 14/15	48.5%	\$1,064,090	\$1,064,090
	30435	RATTLESNAKE SODIUM HYPOCHLORITE STORAGE AND FEED	51.0%	\$715,938	\$760,155
	30513	ILP NORTH CONVERSION - PIPELINES	51.0%	\$369,699	\$433,806
	30496	ILP NORTH CONVERSION - RESERVOIR	51.0%	\$358,938	\$407,286
	20115	OCS D CORF 14/15	48.5%	\$341,925	\$341,925
	20813	OCS D SOLIDS HANDLING 15/16	20.8%	\$289,418	\$289,418
	21748	SCSMP UPDATE AND LONG-TERM FLOW MONITORING	48.5%	\$280,524	\$370,395
	21619	ENTERPRISE ASSET MGMT SOFTWARE IMPLEMENTATION	48.5%	\$229,551	\$331,352
	30420	PA5B PHASE 1A AND 1B 36" RW	51.0%	\$211,599	\$227,052
	21188	WATER RECYCLING PLANT MASTER PLAN UPDATE	48.5%	\$98,358	\$131,435
	31057	ENG PLANNING STUDY RESERVE 15/16 RW	51.0%	\$89,760	\$146,370
	21191	OPS DATABASE MANAGEMENT SYSTEM	48.5%	\$84,245	\$90,986

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
225-DevID_Potable					
	21057	ENG PLANNING STUDY RESERVE 15/16 SEWER	48.5%	\$83,226	\$151,417
	31697	GEN SYS MODS-RW 15/16	51.0%	\$51,918	\$63,291
	30408	REG RW - MULTI-ZONE BPS - ZONE A TO SYPHON	51.0%	\$45,951	\$95,217
	30382	SYPHON RESERVOIR EXPANSION	51.0%	\$44,931	\$71,553
	30331	SANTIAGO DAM & OUTLET TWR SEISMIC STABILITY	51.0%	\$44,064	\$56,406
	30560	RW IMPROVEMENTS FOR OFF-SITE 15/16	51.0%	\$42,075	\$50,745
	30561	RW IMPROVEMENTS FOR OFF-SITE 16/17	51.0%	\$42,075	\$50,745
	30569	RW IMPROVEMENTS FOR OFF-SITE 17/18	51.0%	\$42,075	\$50,745
	30415	CATHODIC PROTECTION FOR GAP PIPE SEGMENT	51.0%	\$29,988	\$37,128
	21789	GIS SUPPORT APPLICATIONS 15/16 - SEWER	48.5%	\$29,100	\$45,687
	21826	GIS SUPPORT APPLICATIONS 16/17 - SEWER	48.5%	\$29,100	\$45,687
	31789	GIS SUPPORT APPLICATIONS 15/16 - RECYCLED	48.5%	\$29,100	\$45,687
	30410	REG RW - MULTI-ZONE BPS - ZONE C	27.8%	\$27,272	\$54,127
	31796	HYDRAULIC MODELING 15/16 RW	51.0%	\$22,440	\$31,875
	21796	HYDRAULIC MODELING 15/16 SEWER	48.5%	\$21,340	\$30,313
	30570	REG RW - IIC ZONE B BPS UPGRADES	23.1%	\$16,055	\$18,596
	30552	REG RW - NORTHWOOD ZONE B BPS UPGRADE	23.1%	\$14,992	\$21,368
	30517	LAKE FOREST CONTROL AND TELEMTRY SYS REPLACEMENT	51.0%	\$11,679	\$21,114
	30571	REG RW - 20"ZN B PIPE CONSTRUCTION & CONVERSION	23.1%	\$11,435	\$17,394
	30409	REG RW - MULTI-ZONE BPS - ZONE B	23.1%	\$8,986	\$20,166
	21288	MBR BLOWER ROOM SAFETY PLATFORM	48.5%	\$5,384	\$5,869
	30487	PA18S HIDDEN CANYON 36" RW PIPELINE	51.0%	\$3,162	\$3,162
	30572	PIEZOMETER ACCESS AT RATTLESNAKE SYPHON & SAND CYN	48.5%	\$2,134	\$5,578
	30366	TECHNOLOGY DR AND LAGUNA CANYON RD RW ZONE B	51.0%	\$1,734	\$1,734
	21234	OPS CENTER PERMANENT GENERATOR	48.5%	\$1,649	\$4,171

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
225-DevID_Potable					
	21849	CENTRALIZED CONTROL ROOM AT MWRP	48.5%	\$873	\$2,134
	21170	SJM SLS UPGRADE	48.5%	\$582	\$1,504
	30461	SJR SEISMIC EVALUATION (DSOD)	51.0%	\$561	\$1,428
				\$22,894,461	\$24,075,788
240					
	21287	NEWPORT COAST SLS IMPROVEMENTS	100.0%	\$291,100	\$353,300
	30435	RATTLESNAKE SODIUM HYPOCHLORITE STORAGE AND FEED	7.7%	\$108,093	\$114,769
	31886	NEWPORT COAST JOINT BONDING PHASE 2	100.0%	\$80,500	\$99,100
	30513	ILP NORTH CONVERSION - PIPELINES	7.7%	\$55,817	\$65,496
	30496	ILP NORTH CONVERSION - RESERVOIR	7.7%	\$54,193	\$61,492
	30420	PA5B PHASE 1A AND 1B 36" RW	7.7%	\$31,947	\$34,280
	31057	ENG PLANNING STUDY RESERVE 15/16 RW	7.7%	\$13,552	\$22,099
	31697	GEN SYS MODS-RW 15/16	7.7%	\$7,839	\$9,556
	30408	REG RW - MULTI-ZONE BPS - ZONE A TO SYPHON	7.7%	\$6,938	\$14,376
	30382	SYPHON RESERVOIR EXPANSION	7.7%	\$6,784	\$10,803
	30331	SANTIAGO DAM & OUTLET TWR SEISMIC STABILITY	7.7%	\$6,653	\$8,516
	30569	RW IMPROVEMENTS FOR OFF-SITE 17/18	7.7%	\$6,353	\$7,662
	30560	RW IMPROVEMENTS FOR OFF-SITE 15/16	7.7%	\$6,353	\$7,662
	30561	RW IMPROVEMENTS FOR OFF-SITE 16/17	7.7%	\$6,353	\$7,662
	30415	CATHODIC PROTECTION FOR GAP PIPE SEGMENT	7.7%	\$4,528	\$5,606
	31796	HYDRAULIC MODELING 15/16 RW	7.7%	\$3,388	\$4,813
	30517	LAKE FOREST CONTROL AND TELEMTRY SYS REPLACEMENT	7.7%	\$1,763	\$3,188
	30487	PA18S HIDDEN CANYON 36" RW PIPELINE	7.7%	\$477	\$477
	30366	TECHNOLOGY DR AND LAGUNA CANYON RD RW ZONE B	7.7%	\$262	\$262

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
240					
	30461	SJR SEISMIC EVALUATION (DSOD)	7.7%	\$85	\$216
				\$692,975	\$831,332
253-FutDevID_Sewer					
	21146	MWRP BIOSOLIDS AND ENERGY RECOVERY FACILITIES	4.1%	\$2,162,683	\$2,225,736
	21163	PETERS CANYON WATER CAPTURE AND REUSE PIPELINE	9.6%	\$522,067	\$534,259
	20116	OCSO CORF 15/16	9.6%	\$459,379	\$459,379
	20593	OCSO EQUITY 15/16	9.6%	\$437,866	\$437,866
	20589	OCSO EQUITY 14/15	9.6%	\$210,624	\$210,624
	30516	PA1 ORCHARD HILLS, NEIGHBORHOOD 1, 16" ZONE C	100.0%	\$185,200	\$222,600
	31717	PA5B PHASE 1A AND 1B 6" & 8" RW	100.0%	\$156,500	\$178,800
	30435	RATTLESNAKE SODIUM HYPOCHLORITE STORAGE AND FEED	10.3%	\$144,591	\$153,522
	30426	PA6 PHASE 1 NEIGHBORHOOD 3 ZONE C RW	100.0%	\$133,800	\$152,500
	30534	PA40 8TH ST RIDGE VALLEY TO C ST CAPITAL 6" RW	100.0%	\$109,100	\$122,700
	30421	PA5B IRVINE BLVD 8" ZONE B RW	100.0%	\$83,300	\$100,000
	30508	PA6 NEIGHBORHOOD 5A RW ZONE D	100.0%	\$76,700	\$88,500
	30513	ILP NORTH CONVERSION - PIPELINES	10.3%	\$74,665	\$87,612
	30496	ILP NORTH CONVERSION - RESERVOIR	10.3%	\$72,491	\$82,256
	20115	OCSO CORF 14/15	9.6%	\$67,680	\$67,680
	20813	OCSO SOLIDS HANDLING 15/16	4.1%	\$57,287	\$57,287
	21748	SCSMP UPDATE AND LONG-TERM FLOW MONITORING	9.6%	\$55,526	\$73,315
	21619	ENTERPRISE ASSET MGMT SOFTWARE IMPLEMENTATION	9.6%	\$45,437	\$65,587
	30420	PA5B PHASE 1A AND 1B 36" RW	10.3%	\$42,735	\$45,856
	30430	PA5B PHASE 2 6" RW	100.0%	\$38,600	\$42,800
	30410	REG RW - MULTI-ZONE BPS - ZONE C	21.7%	\$21,288	\$42,250

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
253-FutDevID_Sewer					
	21188	WATER RECYCLING PLANT MASTER PLAN UPDATE	9.6%	\$19,469	\$26,016
	31057	ENG PLANNING STUDY RESERVE 15/16 RW	10.3%	\$18,128	\$29,561
	21191	OPS DATABASE MANAGEMENT SYSTEM	9.6%	\$16,675	\$18,010
	21057	ENG PLANNING STUDY RESERVE 15/16 SEWER	9.6%	\$16,474	\$29,971
	30246	PA1 ORCHARD HILLS NEIGHBORHOOD 4	100.0%	\$16,400	\$16,400
	30570	REG RW - IIC ZONE B BPS UPGRADES	22.7%	\$15,777	\$18,274
	30552	REG RW - NORTHWOOD ZONE B BPS UPGRADE	22.7%	\$14,732	\$20,998
	30571	REG RW - 20"ZN B PIPE CONSTRUCTION & CONVERSION	22.7%	\$11,237	\$17,093
	31697	GEN SYS MODS-RW 15/16	10.3%	\$10,485	\$12,782
	30408	REG RW - MULTI-ZONE BPS - ZONE A TO SYPHON	10.3%	\$9,280	\$19,230
	30382	SYPHON RESERVOIR EXPANSION	10.3%	\$9,074	\$14,451
	30331	SANTIAGO DAM & OUTLET TWR SEISMIC STABILITY	10.3%	\$8,899	\$11,392
	30409	REG RW - MULTI-ZONE BPS - ZONE B	22.7%	\$8,830	\$19,817
	30569	RW IMPROVEMENTS FOR OFF-SITE 17/18	10.3%	\$8,498	\$10,249
	30561	RW IMPROVEMENTS FOR OFF-SITE 16/17	10.3%	\$8,498	\$10,249
	30560	RW IMPROVEMENTS FOR OFF-SITE 15/16	10.3%	\$8,498	\$10,249
	30280	PA9B PHASE 5 GATEWAY PARK RW PIPES	100.0%	\$6,400	\$8,200
	30415	CATHODIC PROTECTION FOR GAP PIPE SEGMENT	10.3%	\$6,056	\$7,498
	31789	GIS SUPPORT APPLICATIONS 15/16 - RECYCLED	9.6%	\$5,760	\$9,043
	21789	GIS SUPPORT APPLICATIONS 15/16 - SEWER	9.6%	\$5,760	\$9,043
	21826	GIS SUPPORT APPLICATIONS 16/17 - SEWER	9.6%	\$5,760	\$9,043
	31796	HYDRAULIC MODELING 15/16 RW	10.3%	\$4,532	\$6,438
	21796	HYDRAULIC MODELING 15/16 SEWER	9.6%	\$4,224	\$6,000
	31640	PA39 PH2 RW FACILITIES	100.0%	\$3,600	\$5,400
	30245	PA1 ORCHARD HILLS NEIGHBORHOOD 3	100.0%	\$2,700	\$7,300

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
253-FutDevID_Sewer					
	30517	LAKE FOREST CONTROL AND TELEMETRY SYS REPLACEMENT	10.3%	\$2,359	\$4,264
	21288	MBR BLOWER ROOM SAFETY PLATFORM	9.6%	\$1,066	\$1,162
	31739	PA18S HIDDEN CANYON 6" & 8" RW	100.0%	\$900	\$900
	30428	PA1 ORCHARD HILLS NH 2 - 6" ZNB & 6" ZNC RW	100.0%	\$800	\$800
	30487	PA18S HIDDEN CANYON 36" RW PIPELINE	10.3%	\$639	\$639
	30449	PA1 ORCHARD HILLS NEIGHBORHOOD 2, 6" ZNC RW	100.0%	\$500	\$500
	30572	PIEZOMETER ACCESS AT RATTLESNAKE SYPHON & SAND CYN	9.6%	\$422	\$1,104
	30366	TECHNOLOGY DR AND LAGUNA CANYON RD RW ZONE B	10.3%	\$350	\$350
	21234	OPS CENTER PERMANENT GENERATOR	9.6%	\$326	\$826
	30416	PA40 PH3B RW CAPITAL FACILITIES	100.0%	\$300	\$300
	31605	PA40 PH2 RW FACILITIES	100.0%	\$300	\$300
	30797	PA6 RW PIPELINES	100.0%	\$300	\$300
	30445	PA39 PHASE 1 RW PIPELINES	100.0%	\$200	\$200
	30424	PA40 NEIGHBORHOOD 2G BACKBONE RW FACILITIES	100.0%	\$200	\$200
	21849	CENTRALIZED CONTROL ROOM AT MWRP	9.6%	\$173	\$422
	21170	SJM SLS UPGRADE	9.6%	\$115	\$298
	30461	SJR SEISMIC EVALUATION (DSOD)	10.3%	\$113	\$288
	39410	PA51 MASTER RW FACILITIES	6.5%	\$98	\$254
	20374	PA51 MASTER SS FACILITIES	18.7%	\$56	\$150
				\$5,412,481	\$5,817,088
256					
	21146	MWRP BIOSOLIDS AND ENERGY RECOVERY FACILITIES	0.1%	\$67,584	\$69,554
	21163	PETERS CANYON WATER CAPTURE AND REUSE PIPELINE	0.3%	\$16,315	\$16,696
	20116	OCSO CORF 15/16	0.3%	\$14,356	\$14,356

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
256					
	20593	OCSO EQUITY 15/16	0.3%	\$13,683	\$13,683
	20589	OCSO EQUITY 14/15	0.3%	\$6,582	\$6,582
	20115	OCSO CORF 14/15	0.3%	\$2,115	\$2,115
	20813	OCSO SOLIDS HANDLING 15/16	0.1%	\$1,790	\$1,790
	21748	SCSMP UPDATE AND LONG-TERM FLOW MONITORING	0.3%	\$1,735	\$2,291
	21619	ENTERPRISE ASSET MGMT SOFTWARE IMPLEMENTATION	0.3%	\$1,420	\$2,050
	21188	WATER RECYCLING PLANT MASTER PLAN UPDATE	0.3%	\$608	\$813
	21191	OPS DATABASE MANAGEMENT SYSTEM	0.3%	\$521	\$563
	21057	ENG PLANNING STUDY RESERVE 15/16 SEWER	0.3%	\$515	\$937
	21826	GIS SUPPORT APPLICATIONS 16/17 - SEWER	0.3%	\$180	\$283
	31789	GIS SUPPORT APPLICATIONS 15/16 - RECYCLED	0.3%	\$180	\$283
	21789	GIS SUPPORT APPLICATIONS 15/16 - SEWER	0.3%	\$180	\$283
	21796	HYDRAULIC MODELING 15/16 SEWER	0.3%	\$132	\$188
	21288	MBR BLOWER ROOM SAFETY PLATFORM	0.3%	\$33	\$36
	30572	PIEZOMETER ACCESS AT RATTLESNAKE SYPHON & SAND CYN	0.3%	\$13	\$35
	21234	OPS CENTER PERMANENT GENERATOR	0.3%	\$10	\$26
	21849	CENTRALIZED CONTROL ROOM AT MWRP	0.3%	\$5	\$13
	21170	SJM SLS UPGRADE	0.3%	\$4	\$9
				\$127,962	\$132,583
285-LF_OSA_Ssewer					
	21146	MWRP BIOSOLIDS AND ENERGY RECOVERY FACILITIES	0.6%	\$292,863	\$301,402
	21163	PETERS CANYON WATER CAPTURE AND REUSE PIPELINE	1.3%	\$70,697	\$72,348
	20116	OCSO CORF 15/16	1.3%	\$62,208	\$62,208
	20593	OCSO EQUITY 15/16	1.3%	\$59,294	\$59,294

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
285-LF_OSA_Sewer					
	20589	OCSO EQUITY 14/15	1.3%	\$28,522	\$28,522
	30435	RATTLESNAKE SODIUM HYPOCHLORITE STORAGE AND FEED	1.5%	\$21,057	\$22,358
	30513	ILP NORTH CONVERSION - PIPELINES	1.5%	\$10,874	\$12,759
	30496	ILP NORTH CONVERSION - RESERVOIR	1.5%	\$10,557	\$11,979
	20115	OCSO CORF 14/15	1.3%	\$9,165	\$9,165
	20813	OCSO SOLIDS HANDLING 15/16	0.6%	\$7,758	\$7,758
	21748	SCSMP UPDATE AND LONG-TERM FLOW MONITORING	1.3%	\$7,519	\$9,928
	30420	PA5B PHASE 1A AND 1B 36" RW	1.5%	\$6,224	\$6,678
	21619	ENTERPRISE ASSET MGMT SOFTWARE IMPLEMENTATION	1.3%	\$6,153	\$8,882
	31057	ENG PLANNING STUDY RESERVE 15/16 RW	1.5%	\$2,640	\$4,305
	21188	WATER RECYCLING PLANT MASTER PLAN UPDATE	1.3%	\$2,636	\$3,523
	21191	OPS DATABASE MANAGEMENT SYSTEM	1.3%	\$2,258	\$2,439
	21057	ENG PLANNING STUDY RESERVE 15/16 SEWER	1.3%	\$2,231	\$4,059
	31697	GEN SYS MODS-RW 15/16	1.5%	\$1,527	\$1,862
	21560	LAKE FOREST SEWER OFFSITE IMPROVEMENTS	100.0%	\$1,400	\$3,700
	31562	LAKE FOREST RW OPPORTUNITY AREAS	100.0%	\$1,400	\$3,600
	30408	REG RW - MULTI-ZONE BPS - ZONE A TO SYPHON	1.5%	\$1,352	\$2,801
	30382	SYPHON RESERVOIR EXPANSION	1.5%	\$1,322	\$2,105
	30331	SANTIAGO DAM & OUTLET TWR SEISMIC STABILITY	1.5%	\$1,296	\$1,659
	30569	RW IMPROVEMENTS FOR OFF-SITE 17/18	1.5%	\$1,238	\$1,493
	30561	RW IMPROVEMENTS FOR OFF-SITE 16/17	1.5%	\$1,238	\$1,493
	30560	RW IMPROVEMENTS FOR OFF-SITE 15/16	1.5%	\$1,238	\$1,493
	21562	LAKE FOREST SEWER OPPORTUNITY AREAS	100.0%	\$900	\$2,500
	30415	CATHODIC PROTECTION FOR GAP PIPE SEGMENT	1.5%	\$882	\$1,092
	30573	LAKE FOREST RW OPP AREA ZONE C CONVERSION.	100.0%	\$800	\$2,100

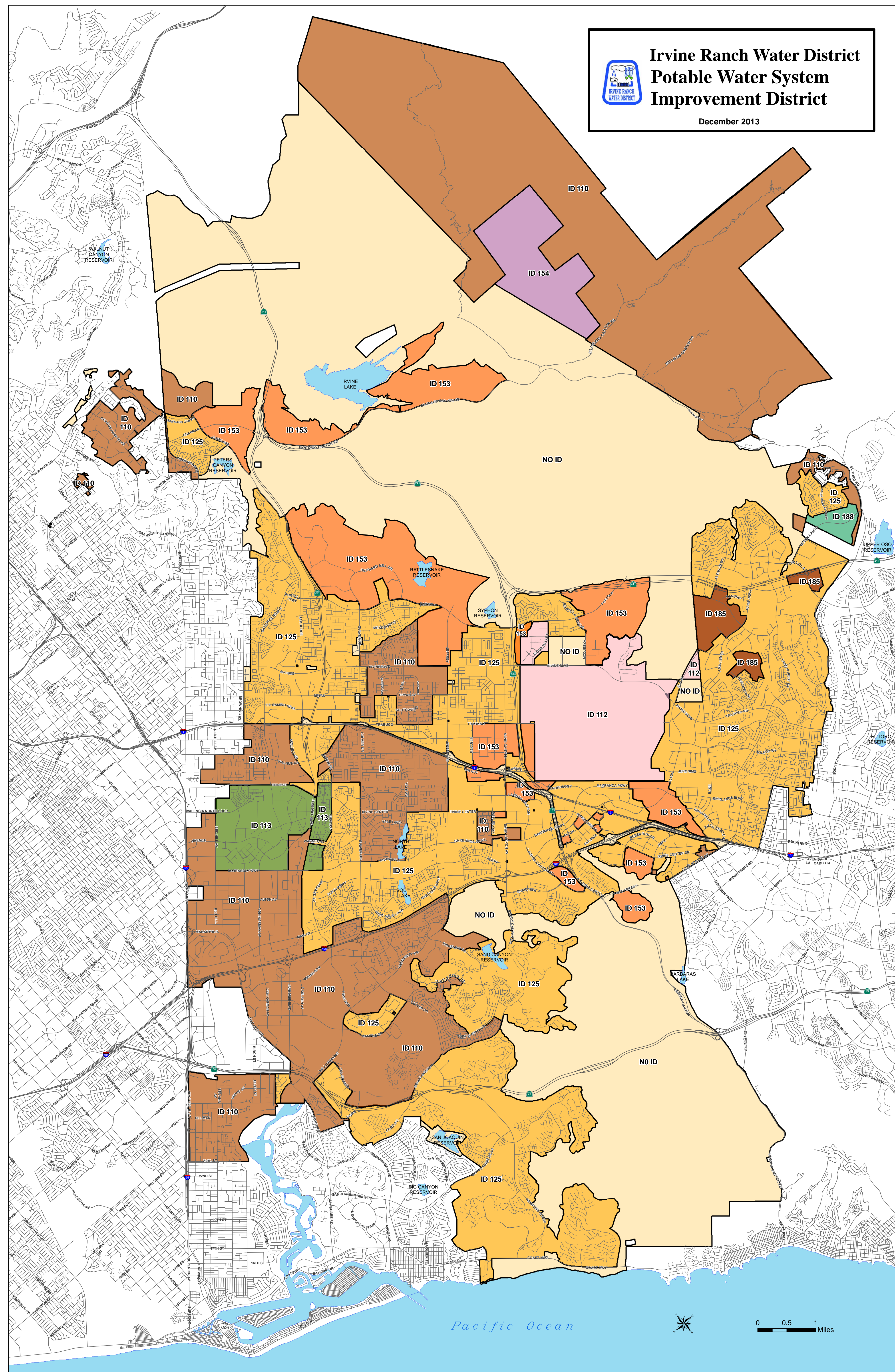
ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
285-LF_OSA_Sewer					
	21789	GIS SUPPORT APPLICATIONS 15/16 - SEWER	1.3%	\$780	\$1,225
	31789	GIS SUPPORT APPLICATIONS 15/16 - RECYCLED	1.3%	\$780	\$1,225
	21826	GIS SUPPORT APPLICATIONS 16/17 - SEWER	1.3%	\$780	\$1,225
	31796	HYDRAULIC MODELING 15/16 RW	1.5%	\$660	\$938
	21796	HYDRAULIC MODELING 15/16 SEWER	1.3%	\$572	\$813
	30517	LAKE FOREST CONTROL AND TELEMTRY SYS REPLACEMENT	1.5%	\$344	\$621
	21288	MBR BLOWER ROOM SAFETY PLATFORM	1.3%	\$144	\$157
	30487	PA18S HIDDEN CANYON 36" RW PIPELINE	1.5%	\$93	\$93
	30572	PIEZOMETER ACCESS AT RATTLESNAKE SYPHON & SAND CYN	1.3%	\$57	\$150
	30366	TECHNOLOGY DR AND LAGUNA CANYON RD RW ZONE B	1.5%	\$51	\$51
	21234	OPS CENTER PERMANENT GENERATOR	1.3%	\$44	\$112
	21849	CENTRALIZED CONTROL ROOM AT MWRP	1.3%	\$23	\$57
	30461	SJR SEISMIC EVALUATION (DSOD)	1.5%	\$17	\$42
	21170	SJM SLS UPGRADE	1.3%	\$16	\$40
				\$621,606	\$660,246
288					
	21146	MWRP BIOSOLIDS AND ENERGY RECOVERY FACILITIES	0.1%	\$67,584	\$69,554
	21163	PETERS CANYON WATER CAPTURE AND REUSE PIPELINE	0.3%	\$16,315	\$16,696
	20116	OCSO CORF 15/16	0.3%	\$14,356	\$14,356
	20593	OCSO EQUITY 15/16	0.3%	\$13,683	\$13,683
	20589	OCSO EQUITY 14/15	0.3%	\$6,582	\$6,582
	20115	OCSO CORF 14/15	0.3%	\$2,115	\$2,115
	20813	OCSO SOLIDS HANDLING 15/16	0.1%	\$1,790	\$1,790
	21748	SCSMP UPDATE AND LONG-TERM FLOW MONITORING	0.3%	\$1,735	\$2,291

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
288					
	21619	ENTERPRISE ASSET MGMT SOFTWARE IMPLEMENTATION	0.3%	\$1,420	\$2,050
	21188	WATER RECYCLING PLANT MASTER PLAN UPDATE	0.3%	\$608	\$813
	21191	OPS DATABASE MANAGEMENT SYSTEM	0.3%	\$521	\$563
	21057	ENG PLANNING STUDY RESERVE 15/16 SEWER	0.3%	\$515	\$937
	31789	GIS SUPPORT APPLICATIONS 15/16 - RECYCLED	0.3%	\$180	\$283
	21826	GIS SUPPORT APPLICATIONS 16/17 - SEWER	0.3%	\$180	\$283
	21789	GIS SUPPORT APPLICATIONS 15/16 - SEWER	0.3%	\$180	\$283
	21796	HYDRAULIC MODELING 15/16 SEWER	0.3%	\$132	\$188
	21288	MBR BLOWER ROOM SAFETY PLATFORM	0.3%	\$33	\$36
	30572	PIEZOMETER ACCESS AT RATTLESNAKE SYPHON & SAND CYN	0.3%	\$13	\$35
	21234	OPS CENTER PERMANENT GENERATOR	0.3%	\$10	\$26
	21849	CENTRALIZED CONTROL ROOM AT MWRP	0.3%	\$5	\$13
	21170	SJM SLS UPGRADE	0.3%	\$4	\$9
				\$127,962	\$132,583
				\$150,167,072	\$159,429,884



Irvine Ranch Water District Potable Water System Improvement District

December 2013



0 0.5 1 Miles



Irvine Ranch Water District Sewer System Improvement District

December 2013

