

CAPITAL BUDGET



FISCAL YEAR 2014/15

ADOPTED
JUNE 9, 2014

IRVINE RANCH WATER DISTRICT
15600 SAND CANYON AVENUE
IRVINE, CA 92618

**Adopted
June 9, 2014**

**FISCAL YEAR 2014/15
CAPITAL BUDGET**

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IRVINE RANCH WATER DISTRICT
2014/15 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>	<u>Phase**</u>
10392	1409	DATS & WELL 77 LEASE PAYMENT 14/15	411,300	411,300	445,000	445,000	No	Pending
10423	1519	PA9 JEFFREY RD 12" ZN3 - IRVINE BLVD TO PORTOLA	37,700	37,700	1,187,000	1,386,900	No	Design
10446	1648	PA18 ZN 3-4 BPS	1,670,600	1,700,600	3,073,500	3,166,100	No	Planning
10517	1798	LAKE FOREST CONTROL AND TELEMETRY SYS REPLACEMEN	18,400	25,600	319,000	430,000	No	Construction
10556	1839	CPTS RESTORE AND INSTALL	77,000	114,000	221,700	369,700	No	Planning
10917	1664	NEWPORT COAST CP JOINT BONDING	36,700	60,800	1,852,400	2,019,800	No	Design
11056	1790	ENG PLANNING STUDY RESERVE 14/15 DW	198,000	346,000	198,000	346,000	No	Pending
11097	1200	GIS SUPPORT APPLICATIONS 14/15	60,000	94,200	60,000	94,200	No	Pending
11116	1264	ASSET OPTIMIZATION - LAKE FOREST DEVELOPMENT	1,346,300	1,346,300	6,500,000	6,685,000	No	Planning
11131	1332	HYDRAULIC MODELING 14/15 DW	44,000	62,500	44,000	62,500	No	Pending
11153	1371	HARDING TRUCK TRAIL RES DEMO	9,400	24,300	265,700	339,800	No	Construction
11271	1334	OCWD ANNEXATION FEE 14/15	426,600	426,600	426,600	426,600	No	Planning
11289	2812	STRAND RANCH FACILITIES AND MONITORING PROGRAM	58,400	62,600	17,739,700	18,442,700	No	Planning
11379	1047	LEGACY PARK TUSTIN RANCH ROAD	2,100	2,100	990,900	1,083,200	No	Construction
11405	1250	OPA / REGIONAL GROUNDWATER PROJECT	3,537,600	3,690,700	9,146,700	9,760,800	No	Construction
11434	1414	SAND CANYON 16" DW PIPELINE ANODE REPLACEMENT	44,500	63,000	237,600	293,200	No	Design
11455	1459	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	434,400	502,400	1,853,400	2,177,200	No	Construction
11469	1520	GREAT PARK COORDINATION AND SAMP UPDATE	47,500	74,100	99,000	154,500	No	Planning
11598	1336	HQ LIGHTING RETROFIT & CEILING REPLACE	56,500	83,100	225,000	331,500	No	Planning
11615	3236	UTILITY BILLING ORACLE CC AND B IMPLEMENTATION	2,450,800	2,685,300	6,672,600	7,532,900	No	Design
11619	3566	ENTERPRISE ASSET MGMT SOFTWARE IMPLEMENTATION	806,400	1,155,500	2,432,100	3,264,700	No	Planning
11627	3717	WELL 115 REPLACEMENT WELL/WELLHEAD & SITE ACQUIS.	1,097,900	1,158,200	4,178,200	4,539,100	No	Design
11642	3723	PLANNING AND BUDGETING SOFTWARE REPLACEMENT	18,000	18,800	638,000	665,800	No	Planning
11645	3766	STOCKDALE WEST RANCH JOINT BANKING PROJECT	822,300	994,200	2,743,400	3,178,200	No	Planning
11646	5149	SERVICE LINE, VALVE & MAIN REPLACEMENT-DW 14/15	916,900	935,400	916,900	935,400	No	Pending
11647	3767	RAISE DW SYSTEM VALVES 14/15 UNDER RA	115,500	124,800	115,500	124,800	No	Pending
11648	3768	GEN SYS MODS-DW 14/15	190,300	231,100	190,300	231,100	No	Pending
11649	3769	CSR METER REPLACEMENT-DW 14/15	203,500	212,800	203,500	212,800	No	Pending
11652	3770	RESIDENTIAL METER REPLACEMENT-DW 14/15	336,600	347,700	336,600	347,700	No	Pending
11653	5492	1" TO 2" METER REPLACEMENT-DW 14/15	130,200	155,000	130,200	155,000	No	Pending
11665	4130	SJM BUILDING CAMPUS MOLD REMEDIATION	1,500	1,500	369,600	395,600	No	Construction
11668	4153	PA51 MARINE WAY DW ZN3	344,700	412,400	612,700	797,800	No	Design
11671	4261	PA51 RIDGE VALLEY, TRABUCO TO IRVINE BLVD - DW	376,600	423,800	723,800	890,300	No	Design

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11672	4327	WELL REHAB PROGRAM DW 13/14 THRU 15/16	660,400	742,000	1,705,200	1,916,100	No	Design
11673	4268	PA51 RIDGE VALLEY, MARINE WAY TO TRABUCO - DW	341,700	388,000	424,000	516,600	No	Design
11687	4409	RMS AT 3 DOMESTIC WATER RESERVOIRS	1,868,000	2,000,300	2,501,200	2,695,500	No	Planning
11691	4440	WELL MAINTENANCE AND REHABILITATION 14/15	165,000	165,000	165,000	165,000	No	Design
11693	4326	DRWF #2 & #5 REHABILITATION	256,500	284,900	937,200	1,077,800	No	Construction
11703	4422	MECH & ELEC SYS REPLACEMENT - DW 14/15	660,000	660,000	660,000	660,000	No	Pending
11711	4394	ID CONSOLIDATION PROJECT ACCOUNTING IMPLEMENTATIO	412,900	551,800	550,000	735,000	No	Design
11714	4366	TUSTIN LEGACY-TUSTIN RANCH, BARRANCA, ARMSTRONG D	1,600	1,600	343,200	417,300	No	Construction
11716	4510	TUSTIN LEGACY WARNER - LEGACY TO TUSTIN RANCH DW	19,300	22,500	196,900	252,500	No	Design
11717	4512	PA 5B 12" ZONE 3 DW	82,700	108,400	112,200	158,600	No	Planning
11718	4589	SAND CANYON MEDICAL OFFICE TENANT IMPROVEMENT	25,500	25,500	334,400	334,400	No	Planning
11719	4620	PA51 LN ST FROM C ST TO LY ST DW	149,600	177,400	172,700	219,100	No	Design
11721	4645	PA51 C ST FROM LQ ST TO O ST DW	133,100	170,200	161,700	217,400	No	Design
11723	4650	PA51 LY ST FROM LQ ST TO IRVINE BLVD DW	34,100	52,700	51,700	88,900	No	Design
11739	4680	PA 18S HIDDEN CANYON 12" DW	181,300	212,200	315,700	399,100	No	Design
11743	4919	SILVERADO CANYON RD 12" DW PIPE IMPROVEMENTS	2,118,100	2,163,400	2,569,500	2,699,100	No	Design
11746	4988	TUSTIN LEGACY WARNER FROM ARMSTRONG TO LEGACY DV	41,200	50,100	60,500	77,300	No	Construction
11747	5027	BAKER WATER TREATMENT PLANT	38,762,300	39,754,400	96,852,000	99,331,000	No	Construction
11748	5431	WRMP UPDATE 14/15 DW	132,000	243,000	132,000	243,000	No	Planning
11751	5116	BOOSTER PUMP STATION CHECK VALVE REPLACEMENT	177,600	208,500	267,300	315,500	No	Design
11752	5453	WELLS 12 AND 13 ROOF HATCHES	72,600	109,700	340,500	400,700	No	Pending
11754	5473	WELLS 11 AND 15 SURGE TANK REPLACEMENT	13,900	23,100	198,600	250,400	No	Pending
11755	5410	COASTAL ZN2 PRV MODIFICATION (DPR16)	2,000	4,700	187,100	228,500	No	Pending
11759	5155	OPS BLDGS 54 AND 55 STORAGE FIRE REQTS IMPS	38,500	47,800	79,200	97,800	No	Planning
11761	5150	2014 IRVINE ANNUAL ST REHAB, DW	464,200	501,200	464,200	501,200	No	Construction
11764	5500	WATER BANKING AGREEMENTS 14/16	241,800	611,300	484,000	1,224,000	No	Planning
11765	5499	STOCKDALE STORAGE FOR RECOVERY CAPACITY	889,300	952,600	2,139,500	2,232,100	No	Design
11779	5406	EL MODENA INLET MODIFICATION	156,200	184,100	156,200	184,100	No	Design
11781	5443	PORTABLE DIESEL GENERATOR REPLACEMENT - DW	293,100	293,100	880,000	880,000	No	Planning
11785	5405	EL MODENA NTS POND INFILTRATION	321,200	349,100	321,200	349,100	No	Design
11786	5487	ASPHALT REPAIR - DW 14/15	23,100	25,000	23,100	25,000	No	Pending
11787	5411	COMPRESSED NATURAL GAS MOTOR FUEL	68,700	72,400	68,800	72,500	No	Planning
11788	5226	SJM CAMPUS PAVING	151,400	164,400	231,000	257,000	No	Design

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11790	5474	EOCWD FACILITIES DEMOLITION AT OPA RESERVOIR SITE	192,500	229,600	192,500	229,600	No	Design
11791	5404	LAKE FOREST Z2-2RA PRV AT COMMERCENTRE	95,900	114,400	244,200	281,300	No	Design
11792	5343	EMBEDDED ENERGY PLAN	154,400	186,100	180,000	217,000	No	Planning
11793	5501	WATER BANKING PLANNING 14/15	115,500	208,000	115,500	208,000	No	Planning
11794	5272	STRAND RANCH WELL SETTING OPTIMIZATION/MONITORING	226,300	241,300	501,600	534,900	No	Construction
11797	5338	MARSH MITIGATION CREDIT INVENTORY	31,200	39,200	36,300	45,600	No	Planning
11799	5401	EOCWD INTERCONNECT CONTROL PANEL REPLACEMENT	140,500	154,500	158,700	177,300	No	Design
11801	5519	EAST IRVINE ZONE 1 TO 3 BPS PIPE/METER	13,900	23,100	198,600	250,400	No	Pending
15051	1402	WELLS 51/52/53 TREATMENT ALTERNATIVES STUDY	122,800	156,900	133,100	170,100	Yes	Planning
15428	1448	WELL 53 SITE ACQUISITION & WELL DRILLING	40,400	67,000	2,405,700	2,479,800	Yes	Planning
20114	1543	OCSO CORF 13/14	377,900	377,900	1,877,000	1,877,000	No	Construction
20115	1552	OCSO CORF 14/15	1,601,400	1,601,400	2,005,000	2,005,000	No	Construction
20190	1590	LAKE FOREST SEWER MUIRLANDS, EL TORO TO LAWRP	2,900	7,400	2,913,900	3,080,500	No	Pending
20214	1599	MWRP EXPANSION PHASE II	62,900	64,300	68,980,600	71,799,500	No	Construction
20410	1665	NEWPORT COAST CP JOINT BONDING	10,900	17,900	617,200	665,300	No	Design
20468	1060	FOOTHILL SEWER DIVERSION TO LAWRP	4,000	10,500	854,700	1,002,800	No	Planning
20588	1504	OCSO EQUITY 13/14	100	100	100	100	No	Construction
20589	1508	OCSO EQUITY 14/15	738,700	738,700	1,111,000	1,111,000	No	Construction
20812	1410	OCSO SOLIDS HANDLING 14/15	1,391,000	1,391,000	1,391,000	1,391,000	No	Construction
20914	4438	MWRP SYS REPLACEMENTS 14/15	332,200	335,900	332,200	335,900	No	Construction
20947	5299	RAISE MANHOLES TO GRADE 14/15 UNDER RA	110,000	110,000	110,000	110,000	No	Pending
20959	5482	SEWER GEN SYS MODS 14/15	330,000	330,000	330,000	330,000	No	Pending
21010	4420	LAWRP SYSTEM REPLACEMENTS 14/15	132,000	132,000	132,000	132,000	No	Construction
21053	4575	CHIQUITA GENERAL SYSTEM MODIFICATIONS 14/15	44,000	44,000	44,000	44,000	No	Construction
21056	1366	ENG PLANNING STUDY RESERVE 14/15 SEWER	171,600	312,200	171,600	312,200	No	Pending
21071	1477	LAWRP BIOSOLIDS FACILITY	29,400	34,800	4,163,500	4,459,600	No	Planning
21097	1694	GIS SUPPORT APPLICATIONS 14/15	60,000	94,200	60,000	94,200	No	Pending
21119	3750	SOCWA ETM CROSSING PROTECTION	47,500	71,100	731,500	759,300	No	Planning
21131	1740	HYDRAULIC MODELING 14/15 SEWER	44,000	62,500	44,000	62,500	No	Pending
21139	4266	PA51 REACH B SEWER, OCTA R/W TO LV ST	174,400	197,300	2,588,300	2,986,100	No	Design
21141	4267	PA51 RIDGE VALLEY, MARINE WAY TO TRABUCO - SEWER	793,200	904,200	1,064,800	1,277,600	No	Construction
21142	4467	MWRP SECONDARY REHABILITATION	169,500	280,500	2,551,600	2,782,900	No	Design
21146	4286	MWRP BIOSOLIDS AND ENERGY RECOVERY FACILITIES	52,369,300	53,896,100	196,465,500	202,200,500	No	Construction

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21147	4397	LAWRP SYSTEM UPGRADES	2,500	6,700	1,486,100	1,578,700	No	Pending
21153	4518	TUSTIN LEGACY - LEGACY VILLAS SEWER	2,300	2,300	506,000	626,400	No	Construction
21154	4614	PA51 REACH A SEWER IMPROVMENTS	1,200,900	1,301,500	2,481,200	2,814,200	No	Construction
21156	4648	PA51 LQ ST FROM O ST TO LY ST SEWER	215,600	243,400	255,200	310,800	No	Design
21158	4653	PA51 C ST FROM TRABUCO RD TO LQ ST SEWER	288,700	344,300	403,700	524,000	No	Design
21159	4824	PA51 LV ST FROM RIDGE VALLEY TO LY ST 18" SEWER	254,200	309,700	310,200	421,200	No	Design
21163	4985	PETERS CANYON WATER CAPTURE AND REUSE PIPELINE	2,566,600	2,729,000	10,844,700	11,298,000	No	Design
21164	4284	MICHELSON LIFT STATION RELOCATION	34,500	98,300	75,000	213,800	No	Construction
21165	5016	PA51 C ST FROM LV ST TO TRABUCO SEWER	309,300	383,300	370,700	491,000	No	Design
21166	5098	2014 SEWER REHABILITATION	293,200	355,200	348,700	441,400	No	Design
21167	5469	FPS 2 ROOF REPLACEMENT	15,400	21,500	256,000	293,000	No	Planning
21168	5470	NEWPORT COAST SLS RECOATING	12,800	19,400	256,000	293,000	No	Construction
21169	5450	SMH RING/COVER REPLACEMENT (24 SMH)	31,700	46,600	368,000	409,400	No	Pending
21170	5186	SJM SLS UPGRADE	10,100	17,300	153,500	194,900	No	Pending
21181	5174	MAIN ST DIVERSION STRUCTURE GROUND SETTTLING	2,900	7,400	191,400	241,400	No	Design
21182	5448	PLANO LIFT STATION FORCE MAIN RELOCATION (SMWD)	293,600	299,600	478,500	487,800	No	Construction
21188	5427	WATER RECYCLING PLANT MASTER PLAN UPDATE 2014-16	182,000	243,200	550,000	735,000	No	Planning
21191	5409	OPS DATABASE MANAGEMENT SYSTEM	346,500	374,300	346,500	374,300	No	Pending
21205	5520	MAINTENANCE ACCESS FOR FOUR SEWER REACHES	31,700	46,600	368,000	409,400	No	Pending
21209	5521	LAWRP PONDS BIOSOLIDS REMOVAL & DISPOSAL	1,779,900	1,946,500	1,779,900	1,946,500	No	Pending
21379	1066	LEGACY PARK TUSTIN RANCH ROAD	2,300	2,300	1,090,400	1,180,600	No	Construction
21455	1152	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	200,700	217,800	968,000	1,088,300	No	Construction
21469	1167	GREAT PARK COORDINATION AND SAMP UPDATE	47,500	74,100	99,000	154,500	No	Planning
21560	1436	LAKE FOREST WW OFFSITE IMPROVEMENTS	300	300	4,051,000	4,676,300	No	Planning
21598	1549	HQ LIGHTING RETROFIT & CEILING REPLACE	56,500	83,100	225,000	331,500	No	Planning
21615	3237	UTILITY BILLING ORACLE CC AND B IMPLEMENTATION	2,450,800	2,685,300	6,672,600	7,532,900	No	Design
21619	3567	ENTERPRISE ASSET MGMT SOFTWARE IMPLEMENTATION	806,400	1,155,500	2,432,100	3,264,700	No	Planning
21642	3727	PLANNING AND BUDGETING SOFTWARE REPLACEMENT	18,000	18,800	638,000	665,800	No	Planning
21646	5490	SEWER LATERAL & MAIN REPLACEMENT 14/15	218,900	237,400	218,900	237,400	No	Pending
21671	4263	PA51 RIDGE VALLEY, TRABUCO TO IRVINE BLVD - SS	225,400	260,800	436,700	557,000	No	Design
21703	4432	MECH & ELEC SYS REPLACEMENT - SEWER 14/15	400,000	400,000	400,000	400,000	No	Planning
21711	4395	ID CONSOLIDATION PROJECT ACCOUNTING IMPLEMENTATIO	412,900	551,800	550,000	735,000	No	Design
21723	4651	PA51 LY ST FROM LQ ST TO IRVINE BLVD SEWER	1,450,600	1,598,600	1,662,200	1,958,200	No	Design

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21748	5412	SCSMP UPDATE AND LONG-TERM FLOW MONITORING	576,800	761,500	1,155,000	1,525,000	No	Planning
21759	5157	OPS BLDGS 54 AND 55 STORAGE FIRE REQTS IMPS	38,500	47,800	79,200	97,800	No	Planning
21761	5151	2014 IRVINE ANNUAL ST REHAB, SEWER	277,200	295,700	277,200	295,700	No	Construction
21781	5445	PORTABLE DIESEL GENERATOR REPLACEMENT - SEWER	293,100	293,100	880,000	880,000	No	Planning
21786	5489	ASPHALT REPAIR - SEWER 14/15	23,100	25,000	23,100	25,000	No	Pending
30214	1706	MWRP EXPANSION PHASE II	40,900	41,900	45,652,700	46,937,900	No	Construction
30280	1762	PA9B PHASE 5 GATEWAY PARK RW PIPES	7,600	11,400	506,100	620,900	No	Design
30331	1813	SANTIAGO DAM & OUTLET TWR SEISMIC STABILITY	111,100	141,900	282,700	384,500	No	Planning
30366	1015	TECHNOLOGY WAY ZONE "B" TRANSMISSION MAIN	77,600	81,800	1,061,500	1,144,800	No	Construction
30380	3779	SALT MANAGEMENT PLAN DEVELOPMENT	114,600	149,300	396,400	516,700	No	Planning
30381	3780	SAN JOAQUIN RESERVOIR LINER REPLACEMENT	124,800	186,100	2,625,000	2,717,500	No	Pending
30382	3808	SYPHON RESERVOIR EXPANSION	3,200	5,500	60,169,200	61,020,200	Yes	Planning
30388	4147	PA51 MARINE WAY RW ZNB	209,500	252,600	376,200	496,500	No	Design
30389	4176	PA9 JEFFREY RD PIPELINES, ZNB AND ZNC	47,300	47,300	1,113,200	1,205,800	No	Construction
30390	4228	PA9B RW AND SYPHON LATERAL PIPELINE, PH3	2,600	2,600	854,700	956,600	No	Construction
30391	4408	LAWRP TERTIARY FACILITY REPAIR AND RECOATING	3,500	9,400	1,180,300	1,273,000	No	Design
30393	4265	PA51 REACH B RW, OCTA R/W TO LV ST	44,100	44,100	887,700	1,045,000	No	Design
30394	4278	PA51 RIDGE VALLEY, MARINE WAY TO TRABUCO - RW	331,000	405,100	398,200	537,100	No	Design
30402	4328	WELL REHAB PROGRAM RW 13/14 THRU 15/16	340,200	394,600	877,800	1,018,400	No	Planning
30408	4388	MULTI-ZONE REGIONAL PS - ZONE A TO SYPHON	25,400	39,100	2,989,500	3,285,600	No	Design
30409	4457	MULTI-ZONE REGIONAL PS - ZONE B	22,800	36,500	2,532,700	2,791,800	No	Design
30410	4400	MULTI-ZONE REGIONAL PS - ZONE C	29,400	43,100	3,624,700	3,920,800	No	Design
30415	4396	CATHODIC PROTECTION FOR GAP PIPE SEGMENT	48,200	59,400	121,000	154,300	No	Design
30416	4318	PA40 PH3B RW CAPITAL FACILITIES	700	700	165,000	200,200	No	Construction
30420	4514	PA 5B 36" ZONE A RW	303,200	363,000	777,700	1,018,200	No	Design
30421	4515	PA 5B 8" ZONE B RW	19,100	27,700	57,200	94,400	No	Design
30422	1024	PA9 JEFFREY RD PIPELINES, 36" ZNA, 36" SYPHON	124,100	124,100	2,962,200	3,180,600	No	Design
30424	4528	PA40 NEIGHBORHOOD 2G BACKBONE RW FACILITIES	300	300	108,900	144,100	No	Design
30426	4557	PA 6 PHASE 1 NEIGHBORHOOD 3 ZONE C RW	307,800	374,400	766,700	1,025,800	No	Planning
30427	4647	PA51 LY ST FROM TRABUCO RD TO LQ ST RW	166,100	212,400	205,700	289,000	No	Design
30428	4717	PA1 ORCHARD HILLS NH 2 - 6" ZNB & 6" ZNC RW	105,000	142,100	238,700	322,000	No	Design
30429	4752	PA5B PHASE 1B 36" ZNA RW	441,100	533,700	519,200	676,600	No	Design
30430	4753	PA5B PHASE 2 6" ZNC RW	39,600	58,200	57,200	94,400	No	Design

IRVINE RANCH WATER DISTRICT
2014/15 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>	<u>Phase**</u>
30433	4951	PORTOLA SPRINGS RECYCLED WATER PIPELINE	6,000	6,500	284,500	321,500	No	Construction
30435	4959	RATTLESNAKE CHLORINE GAS REMOVAL	1,576,600	1,713,000	1,706,400	1,882,200	No	Design
30446	1063	PA18 ZN B-C BPS	1,091,200	1,121,200	2,076,000	2,168,600	No	Design
30447	4984	TUSTIN LEGACY ARMSTRONG ZONE A & WARNER ZONE A RW	529,100	617,800	773,300	976,800	No	Construction
30449	4990	PA1 ORCHARD HILLS 6" ZNC RW	67,300	85,900	84,700	121,900	No	Design
30453	5156	LAGUNA CANYON RD RW PIPELINE CORROSION REPLACE	26,600	38,800	588,500	644,100	No	Pending
30455	5153	SJR ACTUATOR REPAIR/REPLACEMENT	7,800	20,900	254,700	310,200	No	Planning
30461	5154	SJR SEISMIC RE-EVALUATION (DSOD REQ'T)	74,800	106,900	150,700	215,500	No	Planning
30463	5159	SJR LINER DEPRESSION REPAIR	95,200	141,500	95,200	141,500	No	Planning
30481	5446	LAWRP STANDBY GENERATOR NO. 3 REPLACEMENT	6,500	17,400	765,600	885,900	No	Pending
30482	5503	WELL 78 SPARE PUMP AND MOTOR PURCHASE	276,100	276,100	276,100	276,100	No	Design
30487	5168	PA 18S HIDDEN CANYON 36" RW PIPELINE	1,147,700	1,243,800	1,998,200	2,275,700	No	Construction
30491	5408	OPA NON-POTABLE PIPELINE	178,700	225,100	1,012,000	1,141,700	No	Design
30495	5476	RATTLESNAKE BPS PUMP REPLACEMENT	24,800	27,400	176,000	194,500	No	Design
30496	5407	ILP NORTH CONVERSION (RATTLESNAKE TO PETERS CYN)	264,100	365,600	7,602,100	7,879,600	Yes	Planning
30499	5344	EMBEDDED ENERGY PLAN	154,400	186,100	180,000	217,000	No	Planning
30501	5243	PA 6 NEIGHBORHOOD 4B 6" RW ZONE D	100,900	132,900	162,800	214,700	No	Design
30502	5522	WEIR CANYON VALVE VAULT PLC UPGRADE	102,300	116,300	108,900	127,500	No	Design
30517	1096	LAKE FOREST CONTROL AND TELEMTRY SYS REPLACEMEN	12,200	21,200	168,300	297,800	No	Construction
30556	1132	CPTS RESTORE AND INSTALL	49,500	77,300	177,700	288,800	No	Planning
30797	1308	PA6 RW PIPELINES	54,200	58,000	857,000	933,800	No	Design
30917	1474	NEWPORT COAST CP JOINT BONDING	44,400	75,700	2,461,400	2,684,300	No	Design
31056	1593	ENG PLANNING STUDY RESERVE 14/15 RW	176,000	287,000	176,000	287,000	No	Pending
31097	1785	GIS SUPPORT APPLICATIONS 14/15	60,000	94,200	60,000	94,200	No	Pending
31131	1721	HYDRAULIC MODELING 14/15 RW	44,000	62,500	44,000	62,500	No	Pending
31156	4649	PA51 LQ ST FROM O ST TO LY ST RW	63,800	76,800	78,100	104,100	No	Design
31159	4825	PA51 LV ST FROM RIDGE VALLEY TO LY ST 12" RW	265,200	320,700	321,200	423,000	No	Design
31379	3435	LEGACY PARK TUSTIN RANCH ROAD	2,500	2,500	1,210,700	1,331,000	No	Construction
31384	1106	HYDRAULIC MODEL UPDATE / CALIBRATION - NONPOTABLE	88,500	111,300	467,500	587,800	No	Pending
31598	1257	HQ LIGHTING RETROFIT & CEILING REPLACE	12,700	19,900	50,000	78,700	No	Planning
31605	1229	PA40 PH2 RW FACILITIES	400	400	216,700	263,000	No	Construction
31640	3735	PA39 PH2 RW FACILITIES	2,000	3,000	226,600	261,800	No	Planning
31646	3781	SERVICE LINE, VALVE & MAIN REPLACEMENT-RW 14/15	342,100	360,600	342,100	360,600	No	Pending

6/10/2014 ** "Pending" phase refers to projects not yet initiated.

**IRVINE RANCH WATER DISTRICT
2014/15 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>	<u>Phase**</u>
31647	5303	RAISE RW SYSTEM VALVES 14/15 UNDER RA	38,500	47,800	38,500	47,800	No	Pending
31648	5485	GEN SYS MODS-RW 14/15	82,500	104,800	82,500	104,800	No	Pending
31649	5495	CSR METER REPLACEMENT-RW 14/15	57,200	60,900	57,200	60,900	No	Pending
31653	5497	1" TO 2" METER REPLACEMENT-RW 14/15	54,500	68,400	54,500	68,400	No	Pending
31671	4264	PA51 RIDGE VALLEY, TRABUCO TO IRVINE BLVD - RW	99,000	116,700	194,700	250,300	No	Design
31703	4429	MECH & ELEC SYS REPLACEMENT - RW 14/15	440,000	440,000	440,000	440,000	No	Pending
31714	4368	TUSIN LEGACY-TUSTIN RANCH, BARRANCA & ARMSTRONG R	3,500	3,500	689,700	800,700	No	Construction
31716	4511	TUSTIN LEGACY WARNER - LEGACY TO TUSTIN RANCH RW	20,500	23,700	207,900	263,500	No	Design
31717	4513	PA 5B 6" & 8" ZONE B RW & 6" ZONE C RW	87,700	109,000	233,200	325,800	No	Design
31719	4621	PA51 LN ST FROM C ST TO LY ST RW	85,800	108,000	105,600	140,800	No	Design
31721	4646	PA51 C ST FROM LQ ST TO O ST RW	232,100	269,200	266,200	331,100	No	Design
31723	4652	PA51 LY ST FROM LQ ST TO IRVINE BLVD RW	782,600	949,100	938,300	1,252,800	No	Design
31739	4681	PA 18S HIDDEN CANYON 6" & 8" RW	181,300	212,200	315,700	399,100	No	Design
31746	4989	TUSTIN LEGACY WARNER FROM ARMSTRONG TO LEGACY RV	185,800	222,800	282,700	375,300	No	Construction
31748	5432	WRMP UPDATE 14/15 RW	132,000	243,000	132,000	243,000	No	Planning
31759	5158	OPS BLDGS 54 AND 55 STORAGE FIRE REQTS IMPS	38,500	47,800	79,200	97,800	No	Planning
31761	5152	2014 IRVINE ANNUAL ST REHAB, RW	39,600	48,900	39,600	48,900	No	Construction
31781	5444	PORTABLE DIESEL GENERATOR REPLACEMENT - RW	293,100	293,100	880,000	880,000	No	Planning
31786	5488	ASPHALT REPAIR - RW 14/15	23,100	25,000	23,100	25,000	No	Pending
Grand Total:			\$153,706,500	\$164,440,400	\$677,349,500	\$714,912,500		

IRVINE RANCH WATER DISTRICT

2014/15 Capital Budget

Flagged Projects

<u>EPMS No.</u>	<u>EBS No.</u>	<u>Project Title</u>
15051	1402	WELLS 51/52/53 TREATMENT ALTERNATIVES STUDY
15428	1448	WELL 53 SITE ACQUISITION & WELL DRILLING
30382	3808	SYPHON RESERVOIR EXPANSION
30496	5407	ILP NORTH CONVERSION (RATTLESNAKE TO PETERS CYN)

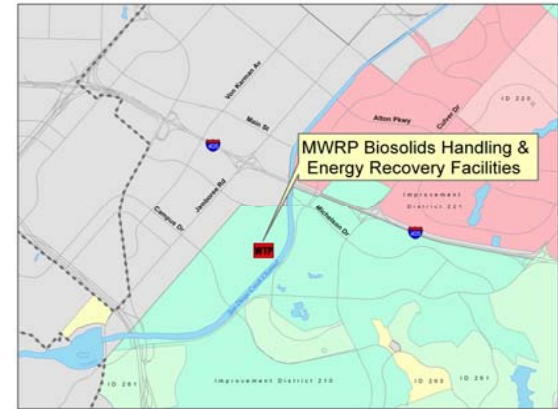
IRVINE RANCH WATER DISTRICT
FY 2014/15 Capital Budget
Top 10 Project Groups

Rank by FY 14/15 Expenditure	Name of Group	FY 14/15 Projected Expenditures (\$ Millions)	Expended to Date (\$ Millions)	Projected Future Expenditures (\$ Millions)	Project Total (\$ Millions)
1	MWRP - Solids Handling	53.8	41.6	117.9	213.3
2	Baker WTP	38.8	7.5	57.7	104.0
3	Development - PA51 (Great Park Neighborhoods)	8.6	0.0	7.0	15.6
4	Business Software (CC&B, Enterprise Asset Mgmt)	7.4	6.2	7.0	20.6
5	Development - PA18 (Hidden Valley)	4.3	0.8	2.7	7.8
6	OPA Well	3.5	3.1	2.5	9.1
7	OCSD / CORF	2.7	0.5	1.8	5.0
8	Peters Cyn Water Capture	2.6	0.1	8.1	10.8
9	Water Banking	2.4	14.8	6.5	23.7
10	Santiago Cyn DW Improvements	2.1	0.1	0.4	2.6
	Subtotal for Top 10 Project Groups	\$126.2	\$74.7	\$211.6	\$412.5
	Total All Projects	\$153.7			

**Irvine Ranch Water District
Capital Improvement Project
Fiscal Year 2014/15**

Project Group Name: MWRP Biosolids and Energy Recovery Facilities

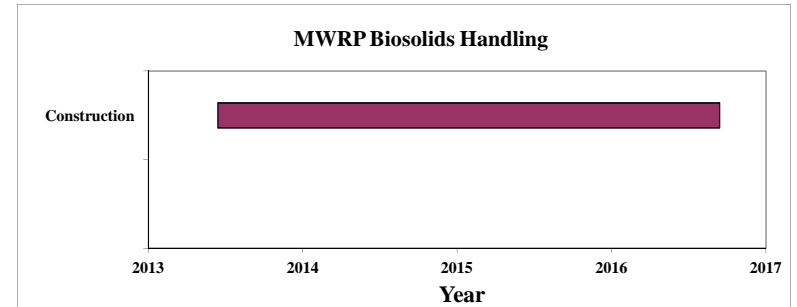
The project includes the construction of facilities for sludge thickening, acid-phase anaerobic digestion, dewatering, drying and pelletization, energy generation using micro-turbines, and use of pellets as a fertilizer or e-fuel. It will also include a solids receiving station to allow processing of 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 2016.



FY 2014/15 Key Milestones:

Continue MWRP Biosolids and Energy Recovery Facilities Construction

Date
Dec-16



Project Group Budget, Source of Funds, and Offset Summary

	New Capital	Replacement	Enhancement	Total	Comments
Total Budget	\$ 16,288,574	\$ 121,803,265	\$ 75,223,222	\$ 213,315,060	
Existing Offsets	\$ -	\$ -	\$ -	\$ -	
Potential Future Offsets	\$ -	\$ -	\$ -	\$ -	
Net Amounts	\$ 16,288,574	\$ 121,803,265	\$ 75,223,222	\$ 213,315,060	

**Irvine Ranch Water District
Capital Improvement Project
Fiscal Year 2014/15**

Oracle No.	Project	Proj Total Dir	FY14-15 Dir	Projected Future Expenditure	Expended to Date	Stage
1617	MWRP BIOSOLIDS AND ENERGY RECOVERY FACILITIES (Design)	\$ 15,459,200	\$ -	\$ -	\$ 15,459,200	Design
1410	OCSD SOLIDS HANDLING 14/15	\$ 1,391,000	\$ 1,391,000	\$ -	\$ -	Design
4286	MWRP BIOSOLIDS AND ENERGY RECOVERY FACILITIES	\$ 196,465,500	\$ 52,369,300	\$ 117,968,446	\$ 26,127,754	Construction
TOTAL		\$ 213,315,700	\$ 53,760,300	\$ 117,968,446	\$ 41,586,954	

Project Status

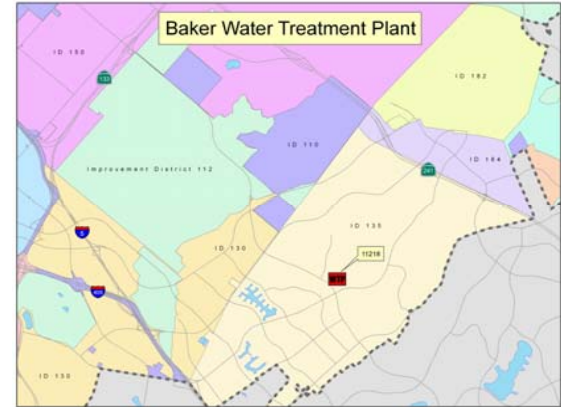
In March, 2013, the Board of Directors awarded the construction contract to Filance Balfour Beatty Joint Venture. Construction is ongoing with the MWRP Biosolids Facilities in operation by December 2016.

**Irvine Ranch Water District
Capital Improvement Project
Fiscal Year 2014/15**

Project Group Name: Baker Water Treatment Plant

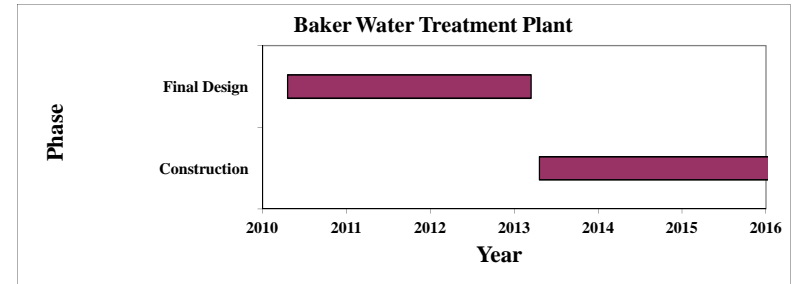
Project Description

The Baker Water Treatment Plant (Baker WTP) will treat up to 28 mgd of raw water imported 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 take its share of treated water directly from the 16 MG reservoirs through the existing distribution system. The project will be constructed under two separate contracts - one for the water treatment plant and one for the raw water pump station.



FY 2014/15 Key Milestones:

	Date
Design complete	Aug. 1, 2013
Advertise for bidding (WTP)	Aug. 8, 2013
Advertise for bidding (Raw Water Pump Station)	Sept. 3, 2013
Bid opening (WTP / Raw Water Pump Station)	Sept. 26, 2013 / Oct. 1, 2013
Construction Award (WTP / Raw Water Pump Station)	Dec. 18, 2013
Construction complete (WTP)	April 5, 2016
Construction complete (Raw Water Pump Station)	April 6, 2015



Project Group Budget, Source of Funds, and Offset Summary

	New Capital	Replacement	Enhancement	Total	Comments
Total Budget	\$ 20,168,337	\$ -	\$ 83,792,163	\$ 103,960,500	
Existing Offsets	\$ (15,126,253)	\$ -	\$ (62,844,122)	\$ (77,970,375)	
Potential Future Offsets	\$ -	\$ -	\$ -	\$ -	
Net Amounts	\$ 5,042,084	\$ -	\$ 20,948,041	\$ 25,990,125	

**Irvine Ranch Water District
Capital Improvement Project
Fiscal Year 2014/15**

Oracle No.	Project	Proj Total Dir	FY14-15 Dir	Projected Future Expenditure	Expended to Date	Stage
1417	BAKER WATER TREATMENT PLANT (Design)	\$ 7,108,500	\$ -	\$ -	\$ 7,108,500	Design
5027	BAKER WATER TREATMENT PLANT	\$ 96,852,000	\$ 38,762,300	\$ 57,712,516	\$ 377,184	Design
TOTAL		\$ 103,960,500	\$ 38,762,300	\$ 57,712,516	\$ 7,485,684	

Project Status

Construction contracts were awarded for the Baker WTP and the Raw Water Pump Station in December 2013. Completion of the raw water pump station is anticipated in April 2015 while the Baker WTP construction is scheduled for April 2016.

**Irvine Ranch Water District
Capital Improvement Project
Fiscal Year 2014/15**

Project Group Name: Planning Areas 30 and 51 Development

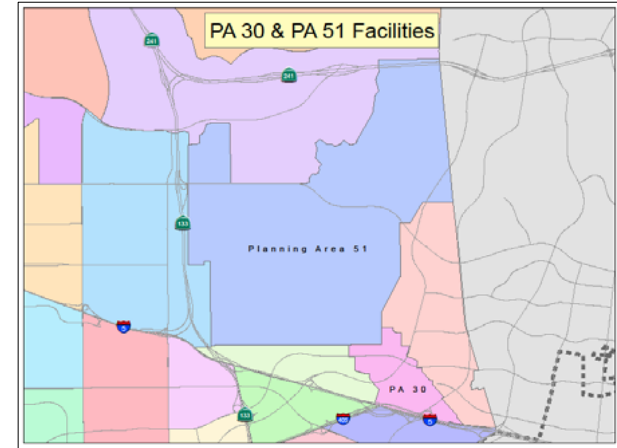
Project Description

The Fiscal Year 2014/15 development activities for the Planning Areas 30 and 51 include the infrastructure required to support the Great Park Neighborhoods "District 1" area. The primary capital facilities planned for this year include:

Reach A Sewer: 2,500 LF of 12-inch sewer from Technology Drive to Marine Way.

Ridge Valley: 12-inch domestic water pipeline, 12-inch sewer, and 6-inch to 12-inch recycled water pipeline from Irvine Boulevard to Marine Way.

"District 1" Backbone 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.

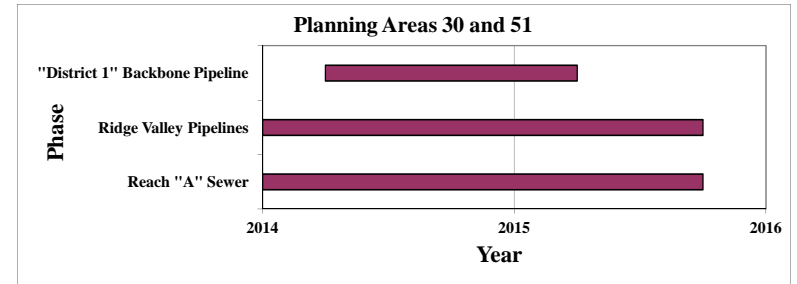


FY 2014/15 Key Milestones

- Reach "A" Sewer
- Ridge Valley Pipelines
- "District 1" Backbone Pipelines

Date

- Sep-14
- Sep-14
- Mar-15



Project Group Budget, Source of Funds, and Offset Summary

	New Capital	Replacement	Enhancement	Total	Comments
Total Budget	\$ 15,491,500	\$ -	\$ -	\$ 15,491,500	
Existing Offsets	\$ -	\$ -	\$ -	\$ -	
Potential Future Offsets	\$ -	\$ -	\$ -	\$ -	
Net Amounts	\$ 15,491,500	\$ -	\$ -	\$ 15,491,500	

**Irvine Ranch Water District
Capital Improvement Project
Fiscal Year 2014/15**

Oracle No.	Project	Proj Total Dir	FY14-15 Dir	Projected Future Expenditure	Expended to Date	Stage
4645	PA51 C ST FROM LQ ST TO O ST DW	\$ 161,700	\$ 133,100	\$ 28,600	\$ -	Construction
4646	PA51 C ST FROM LQ ST TO O ST RW	\$ 266,200	\$ 232,100	\$ 34,100	\$ -	Construction
5016	PA51 C ST FROM LV ST TO TRABUCO SEWER	\$ 370,700	\$ 309,300	\$ 61,400	\$ -	Construction
4653	PA51 C ST FROM TRABUCO RD TO LQ ST SEWER	\$ 403,700	\$ 288,700	\$ 115,000	\$ -	Construction
4620	PA51 LN ST FROM C ST TO LY ST DW	\$ 172,700	\$ 149,600	\$ 23,100	\$ -	Construction
4621	PA51 LN ST FROM C ST TO LY ST RW	\$ 105,600	\$ 85,800	\$ 19,800	\$ -	Construction
4649	PA51 LQ ST FROM O ST TO LY ST RW	\$ 78,100	\$ 63,800	\$ 14,300	\$ -	Construction
4648	PA51 LQ ST FROM O ST TO LY ST SEWER	\$ 255,200	\$ 215,600	\$ 39,600	\$ -	Construction
4825	PA51 LV ST FROM RIDGE VALLEY TO LY ST 12" RW	\$ 321,200	\$ 265,200	\$ 56,000	\$ -	Construction
4824	PA51 LV ST FROM RIDGE VALLEY TO LY ST 18" SEWER	\$ 310,200	\$ 254,200	\$ 56,000	\$ -	Construction
4650	PA51 LY ST FROM LQ ST TO IRVINE BLVD DW	\$ 51,700	\$ 34,100	\$ 17,600	\$ -	Design
4652	PA51 LY ST FROM LQ ST TO IRVINE BLVD RW	\$ 938,300	\$ 782,600	\$ 155,700	\$ -	Design
4651	PA51 LY ST FROM LQ ST TO IRVINE BLVD SEWER	\$ 1,662,200	\$ 1,450,600	\$ 211,600	\$ -	Design
4647	PA51 LY ST FROM TRABUCO RD TO LQ ST RW	\$ 205,700	\$ 166,100	\$ 39,600	\$ -	Design
4153	PA51 MARINE WAY DW ZN3	\$ 612,700	\$ 344,700	\$ 268,000	\$ -	Design
4147	PA51 MARINE WAY RW ZNB	\$ 376,200	\$ 209,500	\$ 166,700	\$ -	Design
4614	PA51 REACH A SEWER IMPROVMENTS	\$ 2,481,200	\$ 1,200,900	\$ 1,280,300	\$ -	Construction
4265	PA51 REACH B RW, OCTA R/W TO LV ST	\$ 887,700	\$ 44,100	\$ 839,732	\$ 3,868	Construction
4266	PA51 REACH B SEWER, OCTA R/W TO LV ST	\$ 2,588,300	\$ 174,400	\$ 2,406,931	\$ 6,969	Construction
4268	PA51 RIDGE VALLEY, MARINE WAY TO TRABUCO - DW	\$ 424,000	\$ 341,700	\$ 82,300	\$ -	Construction
4278	PA51 RIDGE VALLEY, MARINE WAY TO TRABUCO - RW	\$ 398,200	\$ 331,000	\$ 67,200	\$ -	Construction
4267	PA51 RIDGE VALLEY, MARINE WAY TO TRABUCO - SEWER	\$ 1,064,800	\$ 793,200	\$ 271,600	\$ -	Construction
4261	PA51 RIDGE VALLEY, TRABUCO TO IRVINE BLVD - DW	\$ 723,800	\$ 376,600	\$ 347,200	\$ -	Construction
4264	PA51 RIDGE VALLEY, TRABUCO TO IRVINE BLVD - RW	\$ 194,700	\$ 99,000	\$ 95,700	\$ -	Construction
4263	PA51 RIDGE VALLEY, TRABUCO TO IRVINE BLVD - SS	\$ 436,700	\$ 225,400	\$ 211,300	\$ -	Construction
Total		\$ 15,491,500	\$ 8,571,300	\$ 6,909,363	\$ 10,837	

Project Status

Construction of the Reach A Sewer and Ridge Valley pipelines is scheduled to be complete September 2014. Construction of other "District 1" pipelines in backbone streets are scheduled to be complete March 2015.

**Irvine Ranch Water District
Capital Improvement Project
Fiscal Year 2014/15**

Project Group Name: Business Software

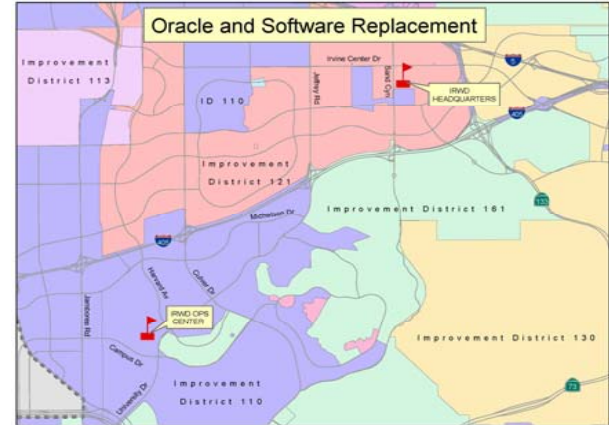
The Utility Billing Oracle Customer Care and Billing (CC&B) implementation will focus on upgrading the District's existing Utility Billing and Customer Service Request system.

- Customers will benefit from a streamlined and enhanced experience interacting with IRWD.
- Existing systems' outdated architecture limits the District's ability to support and maintain the legacy system into the future.
- Implementation of Oracle CC&B puts the framework in place to allow future expansion, consolidations, and new services.

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. The implementation phase is scheduled to occur after the Oracle CC&B implementation is completed.

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 Budgeting and Planning software replacement will focus on the requirements phase and is scheduled to occur after the ID Consolidation Project Accounting implementation is completed.

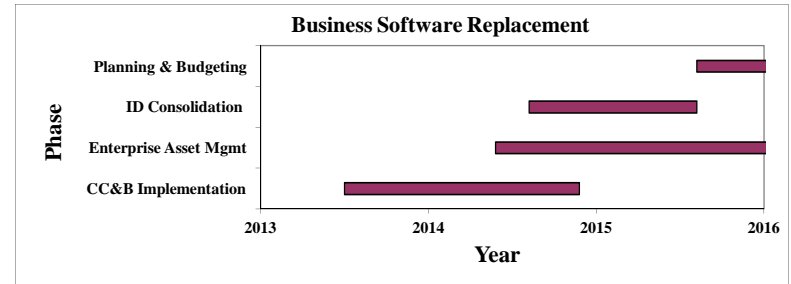


FY 2014/15 Key Milestones

- Begin Customer Care and Billing Implementation
- Customer Care and Billing Go-live
- Customer Care and Billing Completion
- Begin Enterprise Asset Management Implementation
- Enterprise Asset Management Completion
- Begin ID Consolidation & Project Accounting Implementation
- ID Consolidation Project Accounting Completion
- Begin Planning & Budgeting Implementation
- Planning & Budgeting Completion

Date

- Apr-13
- Aug-14
- Nov-14
- Aug-15
- Sep-16
- Jul-14
- Jun-15
- Jul-15
- Dec-15



Project Group Budget, Source of Funds, and Offset Summary

	New Capital	Replacement	Enhancement	Total	Comments
Total Budget	\$ -	\$ 20,585,400	\$ -	\$ 20,585,400	
Existing Offsets	\$ -	\$ -	\$ -	\$ -	
Potential Future Offsets	\$ -	\$ -	\$ -	\$ -	
Net Amounts	\$ -	\$ 20,585,400	\$ -	\$ 20,585,400	

**Irvine Ranch Water District
Capital Improvement Project
Fiscal Year 2014/15**

Oracle No.	Project	Proj Total Dir	FY14-15 Dir	Projected Future Expenditure	Expended to Date	Stage
3566	ENTERPRISE ASSET MGMT SOFTWARE IMPLEMENTATION	\$ 2,432,100	\$ 806,400	\$ 1,531,072	\$ 94,628	Design
3567	ENTERPRISE ASSET MGMT SOFTWARE IMPLEMENTATION	\$ 2,432,100	\$ 806,400	\$ 1,538,035	\$ 87,665	Design
4394	ID CONSOLIDATION PROJECT ACCOUNTING IMPLEMENTATION	\$ 550,000	\$ 412,900	\$ 137,100	\$ -	Design
4395	ID CONSOLIDATION PROJECT ACCOUNTING IMPLEMENTATION	\$ 550,000	\$ 412,900	\$ 137,100	\$ -	Design
3723	PLANNING AND BUDGETING SOFTWARE REPLACEMENT	\$ 638,000	\$ 18,000	\$ 620,000	\$ -	Design
3727	PLANNING AND BUDGETING SOFTWARE REPLACEMENT	\$ 638,000	\$ 18,000	\$ 620,000	\$ -	Design
3236	UTILITY BILLING ORACLE CC AND B IMPLEMENTATION	\$ 6,672,600	\$ 2,450,800	\$ 221,800	\$ 4,000,000	Design
3237	UTILITY BILLING ORACLE CC AND B IMPLEMENTATION	\$ 6,672,600	\$ 2,450,800	\$ 2,226,331	\$ 1,995,469	Design
TOTAL		\$ 20,585,400	\$ 7,376,200	\$ 7,031,438	\$ 6,177,762	

Project Status

The Oracle CC&B software is currently being implemented with an anticipated completion date of approximately November 2014.

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 June 2014 with an anticipated completion date of approximately June 2015.

The Budgeting and Planning software replacement implementation is currently scheduled to start in late June 2015 with an anticipated completion date of approximately December 2016.

**Irvine Ranch Water District
Capital Improvement Project
Fiscal Year 2014/15**

Project Group Name: Planning Area 18 Facilities

Project Description

Planning Area 18 South (PA 18S), which is being developed by Toll Bros., is located within the City of Irvine and is bordered by Interstate 405 (San Diego Freeway) to the north, State Route 133 (Laguna Canyon Freeway) to the west, PA 39 and San Diego Creek to the east, and Laguna Canyon Road to the south.

A closed loop Zone 3 to 4 domestic water pump station and a closed loop Zone B to C recycled water pump station are proposed to serve PA 18S. The domestic water and recycled water pump stations will be combined into a single facility to provide for the area's domestic water, recycled water, and fire flow demands. A second site located separately from the combined facility will consist of a pressure reducing station and hookups for an emergency Zone 3 to 4 trailer mounted pump system to provide emergency fire flows in case of unforeseen outages of the primary domestic water pump station.

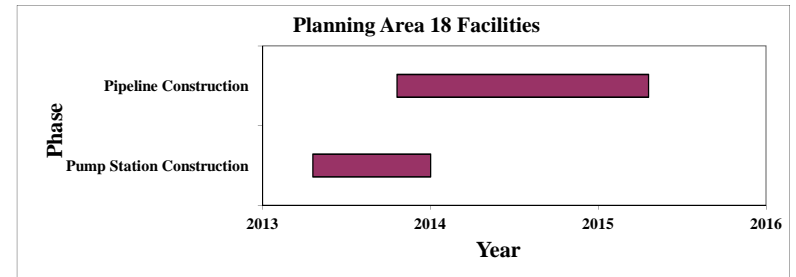
The capital pipeline facilities consist of approximately 2,000 LF of 12-inch domestic water pipeline, 2,400 LF of 6-inch to 8-inch recycled water pipeline, and 3,900 LF of 36-inch recycled water pipeline.



FY 2014-15 Key Milestones

- Pump Station Construction Complete
- Pipeline Construction Complete

- Date**
Mar-15
Dec-14



Project Group Budget, Source of Funds, and Offset Summary

	New Capital	Replacement	Enhancement	Total	Comments
Total Budget	\$ 6,314,419	\$ -	\$ 1,464,681	\$ 7,779,100	
Existing Offsets	\$ -	\$ -	\$ -	\$ -	
Potential Future Offsets	\$ -	\$ -	\$ -	\$ -	
Net Amounts	\$ 6,314,419	\$ -	\$ 1,464,681	\$ 7,779,100	

**Irvine Ranch Water District
Capital Improvement Project
Fiscal Year 2014/15**

Oracle No.	Project	Proj Total Dir	FY14-15 Dir	Projected Future Expenditure	Expended to Date	Stage
1063	PA18 ZN B-C BPS	\$ 2,076,000	\$ 1,091,200	\$ 684,884	\$ 299,916	Design
1648	PA18 ZN 3-4 BPS	\$ 3,073,500	\$ 1,670,600	\$ 950,219	\$ 452,681	Design
4680	PA 18S HIDDEN CANYON 12" DW	\$ 315,700	\$ 181,300	\$ 134,400	\$ -	Design
4681	PA 18S HIDDEN CANYON 6" & 8" RW	\$ 315,700	\$ 181,300	\$ 134,400	\$ -	Design
5168	PA 18S HIDDEN CANYON 36" RW PIPELINE	\$ 1,998,200	\$ 1,147,700	\$ 850,500	\$ -	Design
TOTAL		\$ 7,779,100	\$ 4,272,100	\$ 2,754,404	\$ 752,596	

Project Status

Construction of the pump station is scheduld to be complete March 2015. The pipelines are scheduled to be complete December 2014.

**Irvine Ranch Water District
Capital Improvement Project
Fiscal Year 2014/15**

Project Group Name: OPA Well Project

The former Orange Park Acres Mutual Water Company is now the Orange Park Acres (OPA) Service Area within Irvine Ranch Water District.

After OPA Well No. 3 was destroyed in 2012, a new well, OPA Well No. 1, was drilled on the same site. The wellhead equipping and disinfection facility design is complete and construction is underway. The new wellhead and disinfection facility will include a new well pump, an equalization wet well, a booster pump station to deliver the water to the OPA Zone 5 system, a chloramination facility, a well building, a chemical building, and other appurtenant facilities. Upon completion, the well will be operated to deliver about 900 AF/year.

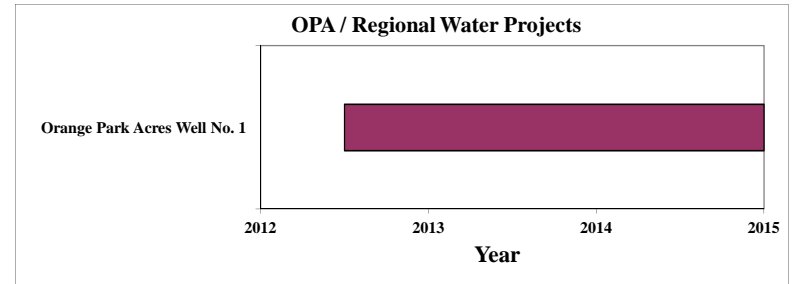


FY 2014/15 Key Milestones

- Design Complete
- Advertise for Bidding
- Construction Award
- Construction Complete

Date

- Jul-13
- Oct-13
- Dec-13
- Feb-15



Project Group Budget, Source of Funds, and Offset Summary

	New Capital	Replacement	Enhancement	Total	Comments
Total Budget	\$ 1,774,460	\$ -	\$ 7,372,240	\$ 9,146,700	
Existing Offsets	\$ -	\$ -	\$ -	\$ -	
Potential Future Offsets	\$ -	\$ -	\$ -	\$ -	
Net Amounts	\$ 1,774,460	\$ -	\$ 7,372,240	\$ 9,146,700	

**Irvine Ranch Water District
Capital Improvement Project
Fiscal Year 2014/15**

Oracle No.	Project	Proj Total Dir	FY14-15 Dir	Projected Future Expenditure	Expended to Date	Stage
1250	OPA / REGIONAL GROUNDWATER PROJECT	\$ 9,146,700	\$ 3,537,600	\$ 2,487,375	\$ 3,121,725	Design
TOTAL		\$ 9,146,700	\$ 3,537,600	\$ 2,487,375	\$ 3,121,725	

Project Status

The wellhead equipping and disinfection facility construction is underway and completion is anticipated in January 2015.

**Irvine Ranch Water District
Capital Improvement Project
Fiscal Year 2014/15**

Project Group Name: OCSD CORF and Equity

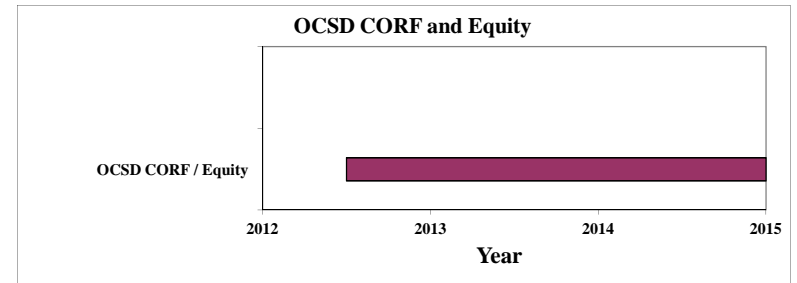
OCSD's Capital Outlay Revolving Fund (CORF) funds OCSD projects such as plant upgrades for secondary treatment and the Groundwater Replenishment System (GWRS).



FY 2014/15 Key Milestones

- Design Complete
- Advertise for Bidding
- Construction Award
- Construction Complete

- Date**
- Jul-13
- Jul-13
- Aug-13
- Feb-15



Project Group Budget, Source of Funds, and Offset Summary

	New Capital	Replacement	Enhancement	Total	Comments
Total Budget	\$ 888,754	\$ -	\$ 4,104,246	\$ 4,993,000	
Existing Offsets	\$ -	\$ -	\$ -	\$ -	
Potential Future Offsets	\$ -	\$ -	\$ -	\$ -	
Net Amounts	\$ 888,754	\$ -	\$ 4,104,246	\$ 4,993,000	

**Irvine Ranch Water District
Capital Improvement Project
Fiscal Year 2014/15**

Oracle No.	Project	Proj Total Dir	FY14-15 Dir	Projected Future Expenditure	Expended to Date	Stage
1543	OCSD CORF 13/14	\$ 1,877,000	\$ 377,900	\$ 961,398	\$ 537,702	Design
1552	OCSD CORF 14/15	\$ 2,005,000	\$ 1,601,400	\$ 403,600	-	Design
1508	OCSD EQUITY 14/15	\$ 1,111,000	\$ 738,700	\$ 372,300	-	Design
TOTAL		\$ 4,993,000	\$ 2,718,000	\$ 1,737,298	\$ 537,702	

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.

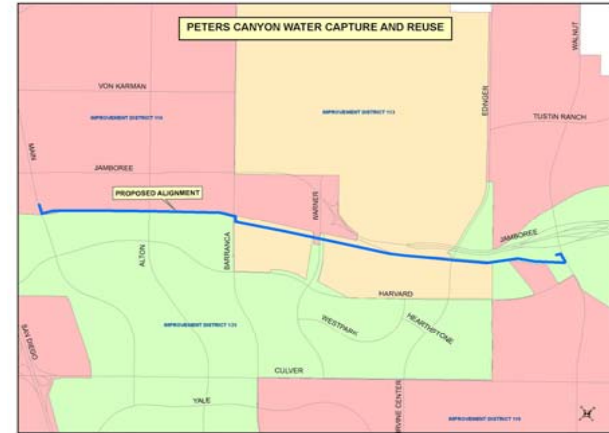
For FY 13/14 CORF payments, staff expects to pay 80% in FY13/14 and 20% in FY 14/15. For FY 14/15 CORF payments, staff expects to pay 80% in FY 14/15 and will carryover 20% to FY 15/16.

**Irvine Ranch Water District
Capital Improvement Project
Fiscal Year 2014/15**

Project Group Name: Peters Canyon Water Capture and Reuse

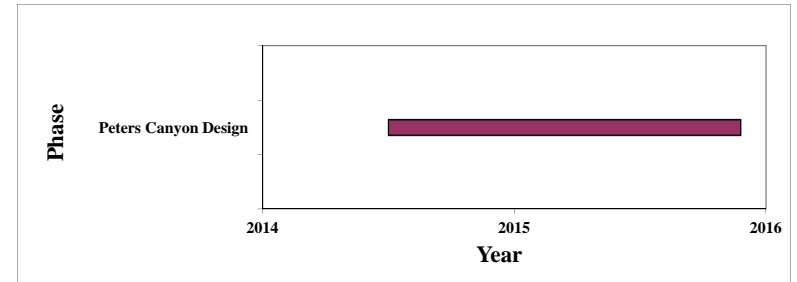
Project Description

The Orange County Flood Control District (OC Flood), City of Irvine, City of Tustin, California Department of Transportation (Caltrans), the Transportation Corridor Agency (TCA) and Irvine Ranch Water District (IRWD) are collectively proceeding with the Peters Canyon Channel 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 Reuse Pipeline 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 GWTF on Walnut, with three diversion structures along the pipeline alignment at Como Channel, Edinger, and Moffett Ave., ultimately connecting to the OCSD trunk sewer at 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 shall operate and maintain the pipeline for the term of the agreement and contribute annual operations and maintenance costs in the amount of \$60,000 each year, increased each subsequent year by the approved CPI.



FY 2014/15 Key Milestones

	Date
Notice to Proceed - Design	Jan-14
Final Design Complete	Oct-14
Bid Opening	Dec-14
Notice of Award - Construction	Jan-15
Notice to Proceed - Construction	Feb-15
Completion of Peter Canyon Water Capture design	Sep-16



Project Group Budget, Source of Funds, and Offset Summary

	New Capital	Replacement	Enhancement	Total	Comments
Total Budget	\$ 1,930,357	\$ -	\$ 8,914,343	\$ 10,844,700	
Existing Offsets	\$ (1,930,357)	\$ -	\$ (8,914,343)	\$ (10,844,700)	
Potential Future Offsets	\$ -	\$ -	\$ -	\$ -	
Net Amounts	\$ (0)	\$ -	\$ 0	\$ -	

**Irvine Ranch Water District
Capital Improvement Project
Fiscal Year 2014/15**

Oracle No.	Project	Proj Total Dir	FY14-15 Dir	Projected Future Expenditure	Expended to Date	Stage
4985	PETERS CANYON WATER CAPTURE AND REUSE PIPELINE	\$ 10,844,700	\$ 2,566,600	\$ 8,166,083	\$ 112,017	Design
TOTAL		\$ 10,844,700	\$ 2,566,600	\$ 8,166,083	\$ 112,017	

Project Status

Tetra Tech was issued the notice to proceed for design of the project on January 7, 2014. Initial coordination meetings have been held with permitting staff from each of the project partners to determine submittal requirements. Discussions are ongoing with OCSD about the final connection at Main Street and the Urban Runoff Diversion Program requirements. Tetra Tech continues work on validation of the concept feasibility study prepared by RBF Consulting in 2013, the 60% design submittal, and coordination with various HOA's and permitting agencies.

**Irvine Ranch Water District
Capital Improvement Project
Fiscal Year 2014/15**

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:

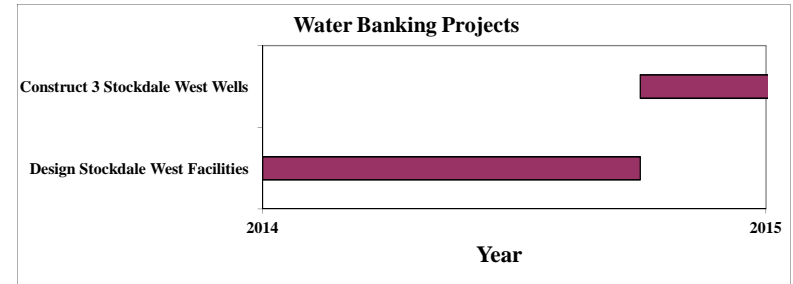
- Interim Strand Ranch Recharge Project** - 125 acres of recharge facilities
- Strand Ranch Integrated Banking Project** - 502 acres of recharge facilities, 50,000 af of storage, and 36 cfs of recovery capacity
- Strand Ranch - Cross Valley Canal Turnout Construction** - Two 100 cfs turnouts
- Cross Valley Canal Capacity Purchase** - 5 cfs capacity
- Water Bank Expansion** - Purchase of Stockdale West Ranch (323 acres) and a future long-term lease of storage capacity from Rosedale-Rio Bravo Water Storage District
- Jackson Ranch** – 884 acres, 1757 AF Table A State Water Project entitlement, 9,495 AF minimum storage and 1,433 AF minimum recovery in Kern Water Bank
- Stockdale West Ranch** – 269 acres of recharge facilities constructed; to complete CEQA, design and construct 3 future 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



FY 2014/15 Key Milestones

- Design Stockdale West wells, wellhead equipping and conveyance facilities
- Construct 3 Stockdale West wells
- Wellhead equipping and conveyance facilities

- Date**
Sep-14
Apr-15
Oct-15



Project Group Budget, Source of Funds, and Offset Summary

	New Capital	Replacement	Enhancement	Total	Comments
Total Budget	\$ 4,699,708	\$ -	\$ 19,525,592	\$ 24,225,300	
Existing Offsets	\$ -	\$ -	\$ -	\$ -	
Potential Future Offsets	\$ -	\$ -	\$ -	\$ -	
Net Amounts	\$ 4,699,708	\$ -	\$ 19,525,592	\$ 24,225,300	

**Irvine Ranch Water District
Capital Improvement Project
Fiscal Year 2014/15**

Oracle No.	Project	Proj Total Dir	FY14-15 Dir	Projected Future Expenditure	Expended to Date	Stage
2812	STRAND RANCH FACILITIES AND MONITORING PROGRAM	\$ 17,739,700	\$ 58,400	\$ 3,128,600	\$ 14,552,700	Design
3766	STOCKDALE WEST RANCH JOINT BANKING PROJECT	\$ 2,743,400	\$ 822,300	\$ 1,673,201	\$ 247,899	Design
5499	STOCKDALE STORAGE FOR RECOVERY CAPACITY	\$ 2,139,500	\$ 889,300	\$ 1,250,200	\$ -	Design
5272	STRAND RANCH WELL SETTING OPTIMIZATION/MONITORING	\$ 501,600	\$ 226,300	\$ 275,300	\$ -	Design
5500	WATER BANKING AGREEMENTS 14/16	\$ 484,000	\$ 241,800	\$ 242,200	\$ -	Design
5501	WATER BANKING PLANNING 14/15	\$ 115,500	\$ 115,500	\$ -	\$ -	Design
5272	STRAND RANCH WELL SETTING OPTIMIZATION/MONITORING	\$ 501,600	\$ 226,300	\$ 275,300	\$ -	Design
TOTAL		\$ 24,225,300	\$ 2,579,900	\$ 6,844,801	\$ 14,800,599	

Project Status

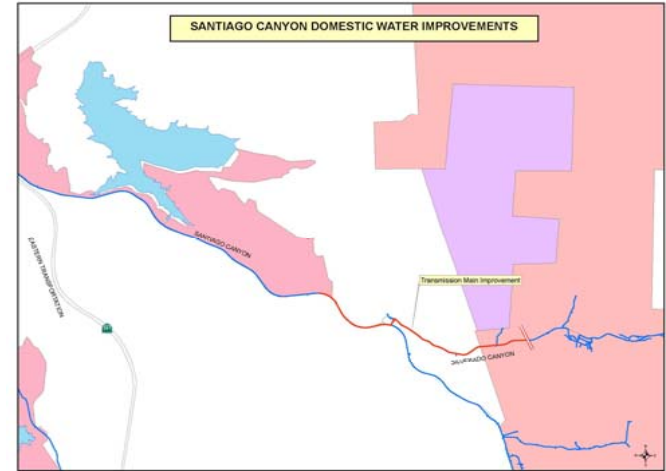
Complete Wheeling Agreement among MWD, MWDOC and IRWD and wheel 1,000 AF to IRWD service area. Also complete Exchange Agreement with MWD for up to 4,000 AF (Water Banking Agreements)
 Certify EIR for Stockdale Integrated Banking Project i(Stockdale West Joint Banking Project)
 Design three wells, pipelines and turn-ins and begin construction on Stockdale West property (Stockdale West Joint Banking Project)
 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)
 Construction management, oversight and testing for construction of new SREX-4 well and other project close out activities (Strand Ranch Facilities)
 Complete lowering of Strand Ranch well pumps to optimize production and install remote telemetry units for additional monitoring (Strand Ranch Well)
 Complete Water Banking Business Plan, expansion of Water Rights Inventory and additional property search (Water Banking Planning)

**Irvine Ranch Water District
Capital Improvement Project
Fiscal Year 2014/15**

Project Group Name: Santiago Canyon Potable Water Distribution System Improvements

Silverado Canyon is served by an existing 8-inch steel pipeline that runs from Fleming BPS into the canyon.

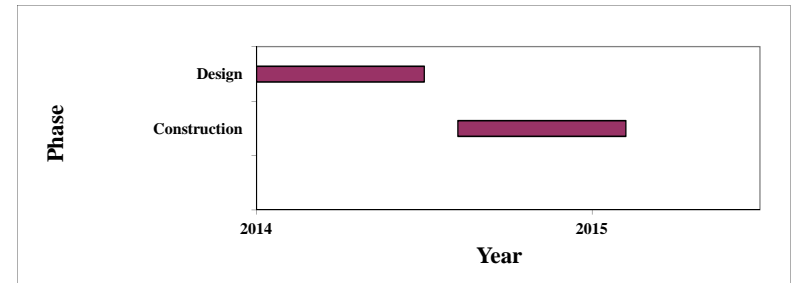
The Silverado Canyon Road 12-inch Domestic Water Pipeline Replacement Project will construct approximately 7,200 linear feet of 12-inch pipeline to replace the existing 8-inch pipeline to provide the required fire flow to the proposed St. Michael's Abbey.



FY 2014/15 Key Milestones

- Design Complete
- Construction Award
- Construction Complete

- Date**
- May-14
- Jun-14
- Dec-14



Project Group Budget, Source of Funds, and Offset Summary

	New Capital	Replacement	Enhancement	Total	Comments
Total Budget	\$ -	\$ 1,868,027	\$ 701,474	\$ 2,569,500	
Existing Offsets	\$ -	\$ -	\$ -	\$ -	
Potential Future Offsets	\$ -	\$ -	\$ -	\$ -	
Net Amounts	\$ -	\$ 1,868,027	\$ 701,474	\$ 2,569,500	

**Irvine Ranch Water District
Capital Improvement Project
Fiscal Year 2014/15**

Oracle No.	Project	Proj Total Dir	FY13-14 Dir	Projected Future Expenditure	Expended to Date	Stage
4919	SILVERADO CANYON RD 12" DW PIPE IMPROVEMENTS	\$ 2,569,500	\$ 2,118,100	\$ 374,344	\$ 77,056	Design
TOTAL		\$ 2,569,500	\$ 2,118,100	\$ 374,344	\$ 77,056	

Project Status

The project is currently in design with the bid period anticipated in May 2014 and the Construction Award in June 2014.

IRVINE RANCH WATER DISTRICT
Fiscal Year 2014/15
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
1047	11379	LEGACY PARK TUSTIN RANCH ROAD	\$2,100	\$990,900	Local				100.0%					
1200	11097	GIS SUPPORT APPLICATIONS 14/15	\$60,000	\$60,000	Regional		32.6%	3.3%	3.0%	47.5%	11.1%	0.4%	1.6%	0.5%
1250	11405	OPA / REGIONAL GROUNDWATER	\$3,537,600	\$9,146,700	Regional		32.6%	3.3%	3.0%	47.5%	11.1%	0.4%	1.6%	0.5%
1264	11116	ASSET OPTIMIZATION - LAKE FOREST	\$1,346,300	\$6,500,000	Replacement	100.0%								
1332	11131	HYDRAULIC MODELING 14/15 DW	\$44,000	\$44,000	Regional		32.6%	3.3%	3.0%	47.5%	11.1%	0.4%	1.6%	0.5%
1334	11271	OCWD ANNEXATION FEE 14/15	\$426,600	\$426,600	Regional		32.6%	3.3%	3.0%	47.5%	11.1%	0.4%	1.6%	0.5%
1336	11598	HQ LIGHTING RETROFIT & CEILING	\$56,500	\$225,000	Replacement	100.0%								
1371	11153	HARDING TRUCK TRAIL RES DEMO	\$9,400	\$265,700	Replacement	100.0%								
1402	15051	WELLS 51/52/53 TREATMENT	\$122,800	\$133,100	Regional		32.6%	3.3%	3.0%	47.5%	11.1%	0.4%	1.6%	0.5%
1409	10392	DATS & WELL 77 LEASE PAYMENT	\$411,300	\$445,000	Regional		32.6%	3.3%	3.0%	47.5%	11.1%	0.4%	1.6%	0.5%
1414	11434	SAND CANYON 16" DW PIPELINE	\$44,500	\$237,600	Replacement	100.0%								
1448	15428	WELL 53 SITE ACQUISITION & WELL	\$40,400	\$2,405,700	Regional		32.6%	3.3%	3.0%	47.5%	11.1%	0.4%	1.6%	0.5%
1459	11455	IRWD PIPELINES RELOCATION FOR SC	\$434,400	\$1,853,400	Regional		32.6%	3.3%	3.0%	47.5%	11.1%	0.4%	1.6%	0.5%
1519	10423	PA9 JEFFREY RD 12" ZN3 - IRVINE BLVD	\$37,700	\$1,187,000	Local						100.0%			
1520	11469	GREAT PARK COORDINATION AND	\$47,500	\$99,000	Local				100.0%					
1648	10446	PA18 ZN 3-4 BPS	\$1,670,600	\$3,073,500	Local						100.0%			
1664	10917	NEWPORT COAST CP JOINT BONDING	\$36,700	\$1,852,400	Local					100.0%				
1790	11056	ENG PLANNING STUDY RESERVE 14/15	\$198,000	\$198,000	Regional		32.6%	3.3%	3.0%	47.5%	11.1%	0.4%	1.6%	0.5%
1798	10517	LAKE FOREST CONTROL AND	\$18,400	\$319,000	Replacement	100.0%								
1839	10556	CPTS RESTORE AND INSTALL	\$77,000	\$221,700	Replacement	100.0%								
2812	11289	STRAND RANCH FACILITIES AND	\$58,400	\$17,739,700	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
3236	11615	UTILITY BILLING ORACLE CC AND B	\$2,450,800	\$6,672,600	Replacement	100.0%								
3566	11619	ENTERPRISE ASSET MGMT SOFTWARE	\$806,400	\$2,432,100	Regional		32.6%	3.3%	3.0%	47.5%	11.1%	0.4%	1.6%	0.5%
3717	11627	WELL 115 REPLACEMENT	\$1,097,900	\$4,178,200	Regional	41.0%	19.2%	1.9%	1.8%	28.0%	6.5%	0.2%	0.9%	0.3%
3723	11642	PLANNING AND BUDGETING	\$18,000	\$638,000	Replacement	100.0%								
3766	11645	STOCKDALE WEST RANCH JOINT	\$822,300	\$2,743,400	Regional		32.6%	3.3%	3.0%	47.5%	11.1%	0.4%	1.6%	0.5%
3767	11647	RAISE DW SYSTEM VALVES 14/15	\$115,500	\$115,500	Replacement	100.0%								
3768	11648	GEN SYS MODS-DW 14/15	\$190,300	\$190,300	Regional		32.6%	3.3%	3.0%	47.5%	11.1%	0.4%	1.6%	0.5%
3769	11649	CSR METER REPLACEMENT-DW 14/15	\$203,500	\$203,500	Replacement	100.0%								
3770	11652	RESIDENTIAL METER REPLACEMENT-	\$336,600	\$336,600	Replacement	100.0%								
4130	11665	SJM BUILDING CAMPUS MOLD	\$1,500	\$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	\$344,700	\$612,700	Local			100.0%						
4261	11671	PA51 RIDGE VALLEY, TRABUCO TO	\$376,600	\$723,800	Local			100.0%						
4268	11673	PA51 RIDGE VALLEY, MARINE WAY TO	\$341,700	\$424,000	Local			100.0%						
4326	11693	DRWF #2 & #5 REHABILITATION	\$256,500	\$937,200	Replacement	100.0%								
4327	11672	WELL REHAB PROGRAM DW 13/14	\$660,400	\$1,705,200	Replacement	100.0%								
4366	11714	TUSTIN LEGACY-TUSTIN RANCH,	\$1,600	\$343,200	Local				100.0%					
4394	11711	ID CONSOLIDATION PROJECT	\$412,900	\$550,000	Replacement	100.0%								
4409	11687	RMS AT 3 DOMESTIC WATER	\$1,868,000	\$2,501,200	Regional		32.6%	3.3%	3.0%	47.5%	11.1%	0.4%	1.6%	0.5%
4422	11703	MECH & ELEC SYS REPLACEMENT - DW	\$660,000	\$660,000	Replacement	100.0%								
4440	11691	WELL MAINTENANCE AND	\$165,000	\$165,000	Replacement	100.0%								
4510	11716	TUSTIN LEGACY WARNER - LEGACY TO	\$19,300	\$196,900	Local				100.0%					
4512	11717	PA 5B 12" ZONE 3 DW	\$82,700	\$112,200	Local					100.0%				
4589	11718	SAND CANYON MEDICAL OFFICE	\$25,500	\$334,400	Replacement	100.0%								
4620	11719	PA51 LN ST FROM C ST TO LY ST DW	\$149,600	\$172,700	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
5473	11754	WELLS 11 AND 15 SURGE TANK	\$13,900	\$198,600	Replacement	100.0%								
5474	11790	EOCWD FACILITIES DEMOLITION AT	\$192,500	\$192,500	Replacement	100.0%								
5487	11786	ASPHALT REPAIR - DW 14/15	\$23,100	\$23,100	Replacement	100.0%								
5492	11653	1" TO 2" METER REPLACEMENT-DW	\$130,200	\$130,200	Replacement	100.0%								
5499	11765	STOCKDALE STORAGE FOR RECOVERY	\$889,300	\$2,139,500	Regional		32.6%	3.3%	3.0%	47.5%	11.1%	0.4%	1.6%	0.5%
5500	11764	WATER BANKING AGREEMENTS 14/16	\$241,800	\$484,000	Regional		32.6%	3.3%	3.0%	47.5%	11.1%	0.4%	1.6%	0.5%
5501	11793	WATER BANKING PLANNING 14/15	\$115,500	\$115,500	Regional		32.6%	3.3%	3.0%	47.5%	11.1%	0.4%	1.6%	0.5%
5519	11801	EAST IRVINE ZONE 1 TO 3 BPS	\$13,900	\$198,600	Replacement	100.0%								
		Total	\$66,521,400	\$183,563,400		\$11.4	\$17.2	\$3.1	\$1.6	\$24.2	\$7.7	\$0.2	\$0.9	\$0.3

IRVINE RANCH WATER DISTRICT
Fiscal Year 2014/15
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
1665	20410	NEWPORT COAST CP JOINT BONDING	\$10,900	\$617,200	Local						100.0				
4266	21139	PA51 REACH B SEWER, OCTA R/W TO LV ST	\$174,400	\$2,588,300	Local			100.0							
4267	21141	PA51 RIDGE VALLEY, MARINE WAY TO	\$793,200	\$1,064,800	Local			100.0							
4518	21153	TUSTIN LEGACY - LEGACY VILLAS SEWER	\$2,300	\$506,000	Local				100.0						
4614	21154	PA51 REACH A SEWER IMPROVMENTS	\$1,200,900	\$2,481,200	Local			100.0							
4648	21156	PA51 LQ ST FROM O ST TO LY ST SEWER	\$215,600	\$255,200	Local			100.0							
4653	21158	PA51 C ST FROM TRABUCO RD TO LQ ST	\$288,700	\$403,700	Local			100.0							
4824	21159	PA51 LV ST FROM RIDGE VALLEY TO LY ST	\$254,200	\$310,200	Local			100.0							
5016	21165	PA51 C ST FROM LV ST TO TRABUCO SEWER	\$309,300	\$370,700	Local			100.0							
1066	21379	LEGACY PARK TUSTIN RANCH ROAD	\$2,300	\$1,090,400	Local			100.0							
1167	21469	GREAT PARK COORDINATION AND SAMP	\$47,500	\$99,000	Local				100.0						
1436	21560	LAKE FOREST WW OFFSITE IMPROVEMENTS	\$300	\$4,051,000	Local									100.0	
4263	21671	PA51 RIDGE VALLEY, TRABUCO TO IRVINE	\$225,400	\$436,700	Local			100.0							
4651	21723	PA51 LY ST FROM LQ ST TO IRVINE BLVD	\$1,450,600	\$1,662,200	Local			100.0							
1762	30280	PA9B PHASE 5 GATEWAY PARK RW PIPES	\$7,600	\$506,100	Local									100.0	
4147	30388	PA51 MARINE WAY RW ZNB	\$209,500	\$376,200	Local			100.0							
4176	30389	PA9 JEFFREY RD PIPELINES, ZNB AND ZNC	\$47,300	\$1,113,200	Local									100.0	
4265	30393	PA51 REACH B RW, OCTA R/W TO LV ST	\$44,100	\$887,700	Local			100.0							
4278	30394	PA51 RIDGE VALLEY, MARINE WAY TO	\$331,000	\$398,200	Local			100.0							
4318	30416	PA40 PH3B RW CAPITAL FACILITIES	\$700	\$165,000	Local									100.0	
4515	30421	PA 5B 8" ZONE B RW	\$19,100	\$57,200	Local									100.0	
4528	30424	PA40 NEIGHBORHOOD 2G BACKBONE RW	\$300	\$108,900	Local									100.0	
4557	30426	PA 6 PHASE 1 NEIGHBORHOOD 3 ZONE C RW	\$307,800	\$766,700	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
4647	30427	PA51 LY ST FROM TRABUCO RD TO LQ ST RW	\$166,100	\$205,700	Local			100.0							
4717	30428	PA1 ORCHARD HILLS NH 2 - 6" ZNB & 6" ZNC	\$105,000	\$238,700	Local							100.0			
4752	30429	PA5B PHASE 1B 36" ZNA RW	\$441,100	\$519,200	Local							100.0			
4753	30430	PA5B PHASE 2 6" ZNC RW	\$39,600	\$57,200	Local							100.0			
4951	30433	PORTOLA SPRINGS RECYCLED WATER	\$6,000	\$284,500	Local							100.0			
1063	30446	PA18 ZN B-C BPS	\$1,091,200	\$2,076,000	Local							100.0			
4984	30447	TUSTIN LEGACY ARMSTRONG ZONE A &	\$529,100	\$773,300	Local				100.0						
4990	30449	PA1 ORCHARD HILLS 6" ZNC RW	\$67,300	\$84,700	Local							100.0			
5408	30491	OPA NON-POTABLE PIPELINE	\$178,700	\$1,012,000	Local					100.0					
1308	30797	PA6 RW PIPELINES	\$54,200	\$857,000	Local							100.0			
1474	30917	NEWPORT COAST CP JOINT BONDING	\$44,400	\$2,461,400	Local						100.0				
4649	31156	PA51 LQ ST FROM O ST TO LY ST RW	\$63,800	\$78,100	Local			100.0							
4825	31159	PA51 LV ST FROM RIDGE VALLEY TO LY ST	\$265,200	\$321,200	Local			100.0							
3435	31379	LEGACY PARK TUSTIN RANCH ROAD	\$2,500	\$1,210,700	Local				100.0						
1229	31605	PA40 PH2 RW FACILITIES	\$400	\$216,700	Local							100.0			
3735	31640	PA39 PH2 RW FACILITIES	\$2,000	\$226,600	Local							100.0			
4264	31671	PA51 RIDGE VALLEY, TRABUCO TO IRVINE	\$99,000	\$194,700	Local			100.0							
4368	31714	TUSIN LEGACY-TUSTIN RANCH, BARRANCA &	\$3,500	\$689,700	Local				100.0						
4511	31716	TUSTIN LEGACY WARNER - LEGACY TO	\$20,500	\$207,900	Local				100.0						
4513	31717	PA 5B 6" & 8" ZONE B RW & 6" ZONE C RW	\$87,700	\$233,200	Local							100.0			
4621	31719	PA51 LN ST FROM C ST TO LY ST RW	\$85,800	\$105,600	Local			100.0							
4646	31721	PA51 C ST FROM LQ ST TO O ST RW	\$232,100	\$266,200	Local			100.0							
4652	31723	PA51 LY ST FROM LQ ST TO IRVINE BLVD RW	\$782,600	\$938,300	Local			100.0							
4681	31739	PA 18S HIDDEN CANYON 6" & 8" RW	\$181,300	\$315,700	Local							100.0			
4989	31746	TUSTIN LEGACY WARNER FROM	\$185,800	\$282,700	Local				100.0						
1543	20114	OCSD CORF 13/14	\$377,900	\$1,877,000	Regional		33.1	3.4	3.4	48.5		9.6	0.3	1.3	0.3
1552	20115	OCSD CORF 14/15	\$1,601,400	\$2,005,000	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
1599	20214	MWRP EXPANSION PHASE II	\$62,900	\$68,980,600	Regional		33.1	3.4	3.4	48.5		9.6	0.3	1.3	0.3
1060	20468	FOOTHILL SEWER DIVERSION TO LAWRP	\$4,000	\$854,700	Regional		33.1	3.4	3.4	48.5		9.6	0.3	1.3	0.3
1504	20588	OCSO EQUITY 13/14	\$100	\$100	Regional		33.1	3.4	3.4	48.5		9.6	0.3	1.3	0.3
1508	20589	OCSO EQUITY 14/15	\$738,700	\$1,111,000	Regional		33.1	3.4	3.4	48.5		9.6	0.3	1.3	0.3
1410	20812	OCSO SOLIDS HANDLING 14/15	\$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
5482	20959	SEWER GEN SYS MODS 14/15	\$330,000	\$330,000	Regional		33.1	3.4	3.4	48.5		9.6	0.3	1.3	0.3
1366	21056	ENG PLANNING STUDY RESERVE 14/15	\$171,600	\$171,600	Regional		33.1	3.4	3.4	48.5		9.6	0.3	1.3	0.3
1694	21097	GIS SUPPORT APPLICATIONS 14/15	\$60,000	\$60,000	Regional		33.1	3.4	3.4	48.5		9.6	0.3	1.3	0.3
1740	21131	HYDRAULIC MODELING 14/15 SEWER	\$44,000	\$44,000	Regional		33.1	3.4	3.4	48.5		9.6	0.3	1.3	0.3
4286	21146	MWRP BIOSOLIDS AND ENERGY RECOVERY	\$52,369,300	\$196,465,500	Regional	57.1	14.2	1.5	1.5	20.8		4.1	0.1	0.6	0.1
4397	21147	LAWRP SYSTEM UPGRADES	\$2,500	\$1,486,100	Regional		33.1	3.4	3.4	48.5		9.6	0.3	1.3	0.3
4985	21163	PETERS CANYON WATER CAPTURE AND	\$2,566,600	\$10,844,700	Regional		33.1	3.4	3.4	48.5		9.6	0.3	1.3	0.3
5186	21170	SJM SLS UPGRADE	\$10,100	\$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	\$182,000	\$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	\$346,500	\$346,500	Regional		33.1	3.4	3.4	48.5		9.6	0.3	1.3	0.3
1152	21455	IRWD PIPELINES RELOCATION FOR SC GRADE	\$200,700	\$968,000	Regional		33.1	3.4	3.4	48.5		9.6	0.3	1.3	0.3
3567	21619	ENTERPRISE ASSET MGMT SOFTWARE	\$806,400	\$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	\$576,800	\$1,155,000	Regional		33.1	3.4	3.4	48.5		9.6	0.3	1.3	0.3
5157	21759	OPS BLDGS 54 AND 55 STORAGE FIRE REQTS	\$38,500	\$79,200	Regional		33.1	3.4	3.4	48.5		9.6	0.3	1.3	0.3
1706	30214	MWRP EXPANSION PHASE II	\$40,900	\$45,652,700	Regional		14.6	10.7	4.1	51.0	7.7	10.3		1.5	
1813	30331	SANTIAGO DAM & OUTLET TWR SEISMIC	\$111,100	\$282,700	Regional		14.6	10.7	4.1	51.0	7.7	10.3		1.5	
1015	30366	TECHNOLOGY WAY ZONE "B" TRANSMISSION	\$77,600	\$1,061,500	Regional		14.6	10.7	4.1	51.0	7.7	10.3		1.5	
3779	30380	SALT MANAGEMENT PLAN DEVELOPMENT	\$114,600	\$396,400	Regional		14.6	10.7	4.1	51.0	7.7	10.3		1.5	
3808	30382	SYPHON RESERVOIR EXPANSION	\$3,200	\$60,169,200	Regional		14.6	10.7	4.1	51.0	7.7	10.3		1.5	
4388	30408	MULTI-ZONE REGIONAL PS - ZONE A TO	\$25,400	\$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	\$48,200	\$121,000	Regional		14.6	10.7	4.1	51.0	7.7	10.3		1.5	
4514	30420	PA 5B 36" ZONE A RW	\$303,200	\$777,700	Regional		14.6	10.7	4.1	51.0	7.7	10.3		1.5	

EBS No.	EPMS No.	Project Title	Fiscal Year Direct	Total Direct	Split Description	201	210	212	213	225	240	253	256	285	288
5495	31649	CSR METER REPLACEMENT-RW 14/15	\$57,200	\$57,200	Replacement	100.0									
5497	31653	1" TO 2" METER REPLACEMENT-RW 14/15	\$54,500	\$54,500	Replacement	100.0									
4429	31703	MECH & ELEC SYS REPLACEMENT - RW 14/15	\$440,000	\$440,000	Replacement	100.0									
5152	31761	2014 IRVINE ANNUAL ST REHAB, RW	\$39,600	\$39,600	Replacement	100.0									
5444	31781	PORTABLE DIESEL GENERATOR	\$293,100	\$880,000	Replacement	100.0									
5488	31786	ASPHALT REPAIR - RW 14/15	\$23,100	\$23,100	Replacement	100.0									
4228	30390	PA9B RW AND SYPHON LATERAL PIPELINE,	\$2,600	\$854,700	Sub-Regional		14.6	10.7	4.1	51.0	7.7	10.3		1.5	
4457	30409	MULTI-ZONE REGIONAL PS - ZONE B	\$22,800	\$2,532,700	Sub-Regional			54.2		23.1		22.7			
4400	30410	MULTI-ZONE REGIONAL PS - ZONE C	\$29,400	\$3,624,700	Sub-Regional			50.5		27.8		21.7			
		Total	\$87,185,100	\$493,786,100		\$40.6	\$11.0	\$8.8	\$2.0	\$17.7	\$0.4	\$5.9	\$0.1	\$0.5	\$0.1

IRVINE RANCH WATER DISTRICT
Fiscal Year 2014/2015
Allocation of FY Project Expenditures by Improvement District

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
101 - Rep					
	11615	UTILITY BILLING ORACLE CC AND B IMPLEMENTATION	100.0%	\$2,450,800	\$2,685,300
	11743	SILVERADO CANYON RD 12" DW PIPE IMPROVEMENTS	72.7%	\$1,539,859	\$1,572,792
	11116	ASSET OPTIMIZATION - LAKE FOREST DEVELOPMENT	100.0%	\$1,346,300	\$1,346,300
	11646	SERVICE LINE, VALVE & MAIN REPLACEMENT-DW 14/15	100.0%	\$916,900	\$935,400
	11672	WELL REHAB PROGRAM DW 13/14 THRU 15/16	100.0%	\$660,400	\$742,000
	11703	MECH & ELEC SYS REPLACEMENT - DW 14/15	100.0%	\$660,000	\$660,000
	11761	2014 IRVINE ANNUAL ST REHAB, DW	100.0%	\$464,200	\$501,200
	11627	WELL 115 REPLACEMENT WELL/WELLHEAD & SITE ACQUIS.	41.0%	\$450,139	\$474,862
	11711	ID CONSOLIDATION PROJECT ACCOUNTING IMPLEMENTATION	100.0%	\$412,900	\$551,800
	11652	RESIDENTIAL METER REPLACEMENT-DW 14/15	100.0%	\$336,600	\$347,700
	11781	PORTABLE DIESEL GENERATOR REPLACEMENT - DW	100.0%	\$293,100	\$293,100
	11693	DRWF #2 & #5 REHABILITATION	100.0%	\$256,500	\$284,900
	11649	CSR METER REPLACEMENT-DW 14/15	100.0%	\$203,500	\$212,800
	11790	EOCWD FACILITIES DEMOLITION AT OPA RESERVOIR SITE	100.0%	\$192,500	\$229,600
	11751	BOOSTER PUMP STATION CHECK VALVE REPLACEMENT	100.0%	\$177,600	\$208,500
	11691	WELL MAINTENANCE AND REHABILITATION 14/15	100.0%	\$165,000	\$165,000
	11799	EOCWD INTERCONNECT CONTROL PANEL REPLACEMENT	100.0%	\$140,500	\$154,500
	11653	1" TO 2" METER REPLACEMENT-DW 14/15	100.0%	\$130,200	\$155,000
	11647	RAISE DW SYSTEM VALVES 14/15 UNDER RA	100.0%	\$115,500	\$124,800
	10556	CPTS RESTORE AND INSTALL	100.0%	\$77,000	\$114,000
	11788	SJM CAMPUS PAVING	50.0%	\$75,700	\$82,200

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
101 - Rep					
	11752	WELLS 12 AND 13 ROOF HATCHES	100.0%	\$72,600	\$109,700
	11598	HQ LIGHTING RETROFIT & CEILING REPLACE	100.0%	\$56,500	\$83,100
	11434	SAND CANYON 16" DW PIPELINE ANODE REPLACEMENT	100.0%	\$44,500	\$63,000
	11718	SAND CANYON MEDICAL OFFICE TENANT IMPROVEMENT	100.0%	\$25,500	\$25,500
	11786	ASPHALT REPAIR - DW 14/15	100.0%	\$23,100	\$25,000
	10517	LAKE FOREST CONTROL AND TELEMETRY SYS REPLACEMENT	100.0%	\$18,400	\$25,600
	11642	PLANNING AND BUDGETING SOFTWARE REPLACEMENT	100.0%	\$18,000	\$18,800
	11801	EAST IRVINE ZONE 1 TO 3 BPS PIPE/METER	100.0%	\$13,900	\$23,100
	11754	WELLS 11 AND 15 SURGE TANK REPLACEMENT	100.0%	\$13,900	\$23,100
	11153	HARDING TRUCK TRAIL RES DEMO	100.0%	\$9,400	\$24,300
	11665	SJM BUILDING CAMPUS MOLD REMEDIATION	50.0%	\$750	\$750
				\$11,361,748	\$12,263,704
110					
	11747	BAKER WATER TREATMENT PLANT	32.6%	\$12,636,510	\$12,959,934
	11405	OPA / REGIONAL GROUNDWATER PROJECT	32.6%	\$1,153,258	\$1,203,168
	11687	RMS AT 3 DOMESTIC WATER RESERVOIRS	32.6%	\$608,968	\$652,098
	11743	SILVERADO CANYON RD 12" DW PIPE IMPROVEMENTS	27.3%	\$578,241	\$590,608
	11765	STOCKDALE STORAGE FOR RECOVERY CAPACITY	32.6%	\$289,912	\$310,548
	11645	STOCKDALE WEST RANCH JOINT BANKING PROJECT	32.6%	\$268,070	\$324,109
	11619	ENTERPRISE ASSET MGMT SOFTWARE IMPLEMENTATION	32.6%	\$262,886	\$376,693
	11627	WELL 115 REPLACEMENT WELL/WELLHEAD & SITE ACQUIS.	19.2%	\$211,170	\$222,768
	11455	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	32.6%	\$141,614	\$163,782
	11271	OCWD ANNEXATION FEE 14/15	32.6%	\$139,072	\$139,072
	10392	DATS & WELL 77 LEASE PAYMENT 14/15	32.6%	\$134,084	\$134,084

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
110					
	11785	EL MODENA NTS POND INFILTRATION	32.6%	\$104,711	\$113,807
	11764	WATER BANKING AGREEMENTS 14/16	32.6%	\$78,827	\$199,284
	11794	STRAND RANCH WELL SETTING OPTIMIZATION/MONITORING	32.6%	\$73,774	\$78,664
	11056	ENG PLANNING STUDY RESERVE 14/15 DW	32.6%	\$64,548	\$112,796
	11648	GEN SYS MODS-DW 14/15	32.6%	\$62,038	\$75,339
	11779	EL MODENA INLET MODIFICATION	32.6%	\$50,921	\$60,017
	11792	EMBEDDED ENERGY PLAN	32.6%	\$50,334	\$60,669
	11748	WRMP UPDATE 14/15 DW	32.6%	\$43,032	\$79,218
	15051	WELLS 51/52/53 TREATMENT ALTERNATIVES STUDY	32.6%	\$40,033	\$51,149
	11793	WATER BANKING PLANNING 14/15	32.6%	\$37,653	\$67,808
	11788	SJM CAMPUS PAVING	16.3%	\$24,678	\$26,797
	11787	COMPRESSED NATURAL GAS MOTOR FUEL	32.6%	\$22,396	\$23,602
	11097	GIS SUPPORT APPLICATIONS 14/15	32.6%	\$19,560	\$30,709
	11289	STRAND RANCH FACILITIES AND MONITORING PROGRAM	32.6%	\$19,038	\$20,408
	11131	HYDRAULIC MODELING 14/15 DW	32.6%	\$14,344	\$20,375
	15428	WELL 53 SITE ACQUISITION & WELL DRILLING	32.6%	\$13,170	\$21,842
	11759	OPS BLDGS 54 AND 55 STORAGE FIRE REQTS IMPS	32.6%	\$12,551	\$15,583
	11797	MARSH MITIGATION CREDIT INVENTORY	32.6%	\$10,171	\$12,779
	11665	SJM BUILDING CAMPUS MOLD REMEDIATION	16.3%	\$245	\$245
				\$17,165,809	\$18,147,954
112 ET					
	11747	BAKER WATER TREATMENT PLANT	3.3%	\$1,279,156	\$1,311,895
	11671	PA51 RIDGE VALLEY, TRABUCO TO IRVINE BLVD - DW	100.0%	\$376,600	\$423,800
	11668	PA51 MARINE WAY DW ZN3	100.0%	\$344,700	\$412,400

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
112 ET					
	11673	PA51 RIDGE VALLEY, MARINE WAY TO TRABUCO - DW	100.0%	\$341,700	\$388,000
	11719	PA51 LN ST FROM C ST TO LY ST DW	100.0%	\$149,600	\$177,400
	11721	PA51 C ST FROM LQ ST TO O ST DW	100.0%	\$133,100	\$170,200
	11405	OPA / REGIONAL GROUNDWATER PROJECT	3.3%	\$116,741	\$121,793
	11687	RMS AT 3 DOMESTIC WATER RESERVOIRS	3.3%	\$61,644	\$66,010
	11723	PA51 LY ST FROM LQ ST TO IRVINE BLVD DW	100.0%	\$34,100	\$52,700
	11765	STOCKDALE STORAGE FOR RECOVERY CAPACITY	3.3%	\$29,347	\$31,436
	11645	STOCKDALE WEST RANCH JOINT BANKING PROJECT	3.3%	\$27,136	\$32,809
	11619	ENTERPRISE ASSET MGMT SOFTWARE IMPLEMENTATION	3.3%	\$26,611	\$38,132
	11627	WELL 115 REPLACEMENT WELL/WELLHEAD & SITE ACQUIS.	1.9%	\$21,376	\$22,550
	11455	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	3.3%	\$14,335	\$16,579
	11271	OCWD ANNEXATION FEE 14/15	3.3%	\$14,078	\$14,078
	10392	DATS & WELL 77 LEASE PAYMENT 14/15	3.3%	\$13,573	\$13,573
	11785	EL MODENA NTS POND INFILTRATION	3.3%	\$10,600	\$11,520
	11764	WATER BANKING AGREEMENTS 14/16	3.3%	\$7,979	\$20,173
	11794	STRAND RANCH WELL SETTING OPTIMIZATION/MONITORING	3.3%	\$7,468	\$7,963
	11056	ENG PLANNING STUDY RESERVE 14/15 DW	3.3%	\$6,534	\$11,418
	11648	GEN SYS MODS-DW 14/15	3.3%	\$6,280	\$7,626
	11779	EL MODENA INLET MODIFICATION	3.3%	\$5,155	\$6,075
	11792	EMBEDDED ENERGY PLAN	3.3%	\$5,095	\$6,141
	11748	WRMP UPDATE 14/15 DW	3.3%	\$4,356	\$8,019
	15051	WELLS 51/52/53 TREATMENT ALTERNATIVES STUDY	3.3%	\$4,052	\$5,178
	11793	WATER BANKING PLANNING 14/15	3.3%	\$3,812	\$6,864
	11788	SJM CAMPUS PAVING	1.7%	\$2,498	\$2,713
	11787	COMPRESSED NATURAL GAS MOTOR FUEL	3.3%	\$2,267	\$2,389

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
112 ET					
	11097	GIS SUPPORT APPLICATIONS 14/15	3.3%	\$1,980	\$3,109
	11289	STRAND RANCH FACILITIES AND MONITORING PROGRAM	3.3%	\$1,927	\$2,066
	11131	HYDRAULIC MODELING 14/15 DW	3.3%	\$1,452	\$2,063
	15428	WELL 53 SITE ACQUISITION & WELL DRILLING	3.3%	\$1,333	\$2,211
	11759	OPS BLDGS 54 AND 55 STORAGE FIRE REQTS IMPS	3.3%	\$1,271	\$1,577
	11797	MARSH MITIGATION CREDIT INVENTORY	3.3%	\$1,030	\$1,294
	11665	SJM BUILDING CAMPUS MOLD REMEDIATION	1.7%	\$25	\$25
				\$3,058,910	\$3,401,777
113 TU					
	11747	BAKER WATER TREATMENT PLANT	3.0%	\$1,162,869	\$1,192,632
	11405	OPA / REGIONAL GROUNDWATER PROJECT	3.0%	\$106,128	\$110,721
	11687	RMS AT 3 DOMESTIC WATER RESERVOIRS	3.0%	\$56,040	\$60,009
	11469	GREAT PARK COORDINATION AND SAMP UPDATE	100.0%	\$47,500	\$74,100
	11746	TUSTIN LEGACY WARNER FROM ARMSTRONG TO LEGACY DW	100.0%	\$41,200	\$50,100
	11765	STOCKDALE STORAGE FOR RECOVERY CAPACITY	3.0%	\$26,679	\$28,578
	11645	STOCKDALE WEST RANCH JOINT BANKING PROJECT	3.0%	\$24,669	\$29,826
	11619	ENTERPRISE ASSET MGMT SOFTWARE IMPLEMENTATION	3.0%	\$24,192	\$34,665
	11627	WELL 115 REPLACEMENT WELL/WELLHEAD & SITE ACQUIS.	1.8%	\$19,433	\$20,500
	11716	TUSTIN LEGACY WARNER - LEGACY TO TUSTIN RANCH DW	100.0%	\$19,300	\$22,500
	11455	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	3.0%	\$13,032	\$15,072
	11271	OCWD ANNEXATION FEE 14/15	3.0%	\$12,798	\$12,798
	10392	DATS & WELL 77 LEASE PAYMENT 14/15	3.0%	\$12,339	\$12,339
	11785	EL MODENA NTS POND INFILTRATION	3.0%	\$9,636	\$10,473
	11764	WATER BANKING AGREEMENTS 14/16	3.0%	\$7,254	\$18,339

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
113 TU					
	11794	STRAND RANCH WELL SETTING OPTIMIZATION/MONITORING	3.0%	\$6,789	\$7,239
	11056	ENG PLANNING STUDY RESERVE 14/15 DW	3.0%	\$5,940	\$10,380
	11648	GEN SYS MODS-DW 14/15	3.0%	\$5,709	\$6,933
	11779	EL MODENA INLET MODIFICATION	3.0%	\$4,686	\$5,523
	11792	EMBEDDED ENERGY PLAN	3.0%	\$4,632	\$5,583
	11748	WRMP UPDATE 14/15 DW	3.0%	\$3,960	\$7,290
	15051	WELLS 51/52/53 TREATMENT ALTERNATIVES STUDY	3.0%	\$3,684	\$4,707
	11793	WATER BANKING PLANNING 14/15	3.0%	\$3,465	\$6,240
	11788	SJM CAMPUS PAVING	1.5%	\$2,271	\$2,466
	11379	LEGACY PARK TUSTIN RANCH ROAD	100.0%	\$2,100	\$2,100
	11787	COMPRESSED NATURAL GAS MOTOR FUEL	3.0%	\$2,061	\$2,172
	11097	GIS SUPPORT APPLICATIONS 14/15	3.0%	\$1,800	\$2,826
	11289	STRAND RANCH FACILITIES AND MONITORING PROGRAM	3.0%	\$1,752	\$1,878
	11714	TUSTIN LEGACY-TUSTIN RANCH, BARRANCA, ARMSTRONG DW	100.0%	\$1,600	\$1,600
	11131	HYDRAULIC MODELING 14/15 DW	3.0%	\$1,320	\$1,875
	15428	WELL 53 SITE ACQUISITION & WELL DRILLING	3.0%	\$1,212	\$2,010
	11759	OPS BLDGS 54 AND 55 STORAGE FIRE REQTS IMPS	3.0%	\$1,155	\$1,434
	11797	MARSH MITIGATION CREDIT INVENTORY	3.0%	\$936	\$1,176
	11665	SJM BUILDING CAMPUS MOLD REMEDIATION	1.5%	\$23	\$23
				\$1,638,163	\$1,766,107
125-DevID_Potable					
	11747	BAKER WATER TREATMENT PLANT	47.5%	\$18,412,093	\$18,883,340
	11405	OPA / REGIONAL GROUNDWATER PROJECT	47.5%	\$1,680,360	\$1,753,083
	11687	RMS AT 3 DOMESTIC WATER RESERVOIRS	47.5%	\$887,300	\$950,143

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
125-DevID_Potable					
	11765	STOCKDALE STORAGE FOR RECOVERY CAPACITY	47.5%	\$422,418	\$452,485
	11645	STOCKDALE WEST RANCH JOINT BANKING PROJECT	47.5%	\$390,593	\$472,245
	11619	ENTERPRISE ASSET MGMT SOFTWARE IMPLEMENTATION	47.5%	\$383,040	\$548,863
	11627	WELL 115 REPLACEMENT WELL/WELLHEAD & SITE ACQUIS.	28.0%	\$307,686	\$324,586
	11455	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	47.5%	\$206,340	\$238,640
	11271	OCWD ANNEXATION FEE 14/15	47.5%	\$202,635	\$202,635
	10392	DATS & WELL 77 LEASE PAYMENT 14/15	47.5%	\$195,368	\$195,368
	11785	EL MODENA NTS POND INFILTRATION	47.5%	\$152,570	\$165,823
	11764	WATER BANKING AGREEMENTS 14/16	47.5%	\$114,855	\$290,368
	11794	STRAND RANCH WELL SETTING OPTIMIZATION/MONITORING	47.5%	\$107,493	\$114,618
	11056	ENG PLANNING STUDY RESERVE 14/15 DW	47.5%	\$94,050	\$164,350
	11648	GEN SYS MODS-DW 14/15	47.5%	\$90,393	\$109,773
	11779	EL MODENA INLET MODIFICATION	47.5%	\$74,195	\$87,448
	11792	EMBEDDED ENERGY PLAN	47.5%	\$73,340	\$88,398
	11748	WRMP UPDATE 14/15 DW	47.5%	\$62,700	\$115,425
	15051	WELLS 51/52/53 TREATMENT ALTERNATIVES STUDY	47.5%	\$58,330	\$74,528
	11793	WATER BANKING PLANNING 14/15	47.5%	\$54,863	\$98,800
	10917	NEWPORT COAST CP JOINT BONDING	100.0%	\$36,700	\$60,800
	11788	SJM CAMPUS PAVING	23.8%	\$35,958	\$39,045
	11787	COMPRESSED NATURAL GAS MOTOR FUEL	47.5%	\$32,633	\$34,390
	11097	GIS SUPPORT APPLICATIONS 14/15	47.5%	\$28,500	\$44,745
	11289	STRAND RANCH FACILITIES AND MONITORING PROGRAM	47.5%	\$27,740	\$29,735
	11131	HYDRAULIC MODELING 14/15 DW	47.5%	\$20,900	\$29,688
	15428	WELL 53 SITE ACQUISITION & WELL DRILLING	47.5%	\$19,190	\$31,825
	11759	OPS BLDGS 54 AND 55 STORAGE FIRE REQTS IMPS	47.5%	\$18,288	\$22,705

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
125-DevID_Potable					
	11797	MARSH MITIGATION CREDIT INVENTORY	47.5%	\$14,820	\$18,620
	11755	COASTAL ZN2 PRV MODIFICATION (DPR16)	100.0%	\$2,000	\$4,700
	11665	SJM BUILDING CAMPUS MOLD REMEDIATION	23.8%	\$356	\$356
				\$24,207,703	\$25,647,522
153-FutDevID_Potable					
	11747	BAKER WATER TREATMENT PLANT	11.1%	\$4,302,615	\$4,412,738
	10446	PA18 ZN 3-4 BPS	100.0%	\$1,670,600	\$1,700,600
	11405	OPA / REGIONAL GROUNDWATER PROJECT	11.1%	\$392,674	\$409,668
	11687	RMS AT 3 DOMESTIC WATER RESERVOIRS	11.1%	\$207,348	\$222,033
	11739	PA 18S HIDDEN CANYON 12" DW	100.0%	\$181,300	\$212,200
	30501	PA 6 NEIGHBORHOOD 4B 6" RW ZONE D	100.0%	\$100,900	\$132,900
	11765	STOCKDALE STORAGE FOR RECOVERY CAPACITY	11.1%	\$98,712	\$105,739
	11645	STOCKDALE WEST RANCH JOINT BANKING PROJECT	11.1%	\$91,275	\$110,356
	11619	ENTERPRISE ASSET MGMT SOFTWARE IMPLEMENTATION	11.1%	\$89,510	\$128,261
	11717	PA 5B 12" ZONE 3 DW	100.0%	\$82,700	\$108,400
	11627	WELL 115 REPLACEMENT WELL/WELLHEAD & SITE ACQUIS.	6.5%	\$71,901	\$75,851
	11455	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	11.1%	\$48,218	\$55,766
	11271	OCWD ANNEXATION FEE 14/15	11.1%	\$47,353	\$47,353
	10392	DATS & WELL 77 LEASE PAYMENT 14/15	11.1%	\$45,654	\$45,654
	10423	PA9 JEFFREY RD 12" ZN3 - IRVINE BLVD TO PORTOLA	100.0%	\$37,700	\$37,700
	11785	EL MODENA NTS POND INFILTRATION	11.1%	\$35,653	\$38,750
	11764	WATER BANKING AGREEMENTS 14/16	11.1%	\$26,840	\$67,854
	11794	STRAND RANCH WELL SETTING OPTIMIZATION/MONITORING	11.1%	\$25,119	\$26,784
	11056	ENG PLANNING STUDY RESERVE 14/15 DW	11.1%	\$21,978	\$38,406

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
153-FutDevID_Potable					
	11648	GEN SYS MODS-DW 14/15	11.1%	\$21,123	\$25,652
	11779	EL MODENA INLET MODIFICATION	11.1%	\$17,338	\$20,435
	11792	EMBEDDED ENERGY PLAN	11.1%	\$17,138	\$20,657
	11748	WRMP UPDATE 14/15 DW	11.1%	\$14,652	\$26,973
	15051	WELLS 51/52/53 TREATMENT ALTERNATIVES STUDY	11.1%	\$13,631	\$17,416
	11793	WATER BANKING PLANNING 14/15	11.1%	\$12,821	\$23,088
	11788	SJM CAMPUS PAVING	5.6%	\$8,403	\$9,124
	11787	COMPRESSED NATURAL GAS MOTOR FUEL	11.1%	\$7,626	\$8,036
	11097	GIS SUPPORT APPLICATIONS 14/15	11.1%	\$6,660	\$10,456
	11289	STRAND RANCH FACILITIES AND MONITORING PROGRAM	11.1%	\$6,482	\$6,949
	11131	HYDRAULIC MODELING 14/15 DW	11.1%	\$4,884	\$6,938
	15428	WELL 53 SITE ACQUISITION & WELL DRILLING	11.1%	\$4,484	\$7,437
	11759	OPS BLDGS 54 AND 55 STORAGE FIRE REQTS IMPS	11.1%	\$4,274	\$5,306
	11797	MARSH MITIGATION CREDIT INVENTORY	11.1%	\$3,463	\$4,351
	11665	SJM BUILDING CAMPUS MOLD REMEDIATION	5.6%	\$83	\$83
				\$7,721,114	\$8,169,915
154					
	11747	BAKER WATER TREATMENT PLANT	0.4%	\$155,049	\$159,018
	11405	OPA / REGIONAL GROUNDWATER PROJECT	0.4%	\$14,150	\$14,763
	11687	RMS AT 3 DOMESTIC WATER RESERVOIRS	0.4%	\$7,472	\$8,001
	11765	STOCKDALE STORAGE FOR RECOVERY CAPACITY	0.4%	\$3,557	\$3,810
	11645	STOCKDALE WEST RANCH JOINT BANKING PROJECT	0.4%	\$3,289	\$3,977
	11619	ENTERPRISE ASSET MGMT SOFTWARE IMPLEMENTATION	0.4%	\$3,226	\$4,622
	11627	WELL 115 REPLACEMENT WELL/WELLHEAD & SITE ACQUIS.	0.2%	\$2,591	\$2,733

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
154					
	11455	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	0.4%	\$1,738	\$2,010
	11271	OCWD ANNEXATION FEE 14/15	0.4%	\$1,706	\$1,706
	10392	DATS & WELL 77 LEASE PAYMENT 14/15	0.4%	\$1,645	\$1,645
	11785	EL MODENA NTS POND INFILTRATION	0.4%	\$1,285	\$1,396
	11764	WATER BANKING AGREEMENTS 14/16	0.4%	\$967	\$2,445
	11794	STRAND RANCH WELL SETTING OPTIMIZATION/MONITORING	0.4%	\$905	\$965
	11056	ENG PLANNING STUDY RESERVE 14/15 DW	0.4%	\$792	\$1,384
	11648	GEN SYS MODS-DW 14/15	0.4%	\$761	\$924
	11779	EL MODENA INLET MODIFICATION	0.4%	\$625	\$736
	11792	EMBEDDED ENERGY PLAN	0.4%	\$618	\$744
	11748	WRMP UPDATE 14/15 DW	0.4%	\$528	\$972
	15051	WELLS 51/52/53 TREATMENT ALTERNATIVES STUDY	0.4%	\$491	\$628
	11793	WATER BANKING PLANNING 14/15	0.4%	\$462	\$832
	11788	SJM CAMPUS PAVING	0.2%	\$303	\$329
	11787	COMPRESSED NATURAL GAS MOTOR FUEL	0.4%	\$275	\$290
	11097	GIS SUPPORT APPLICATIONS 14/15	0.4%	\$240	\$377
	11289	STRAND RANCH FACILITIES AND MONITORING PROGRAM	0.4%	\$234	\$250
	11131	HYDRAULIC MODELING 14/15 DW	0.4%	\$176	\$250
	15428	WELL 53 SITE ACQUISITION & WELL DRILLING	0.4%	\$162	\$268
	11759	OPS BLDGS 54 AND 55 STORAGE FIRE REQTS IMPS	0.4%	\$154	\$191
	11797	MARSH MITIGATION CREDIT INVENTORY	0.4%	\$125	\$157
	11665	SJM BUILDING CAMPUS MOLD REMEDIATION	0.2%	\$3	\$3
				\$203,528	\$215,428

185-LF_OSA

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
185-LF_OSA					
	11747	BAKER WATER TREATMENT PLANT	1.6%	\$620,197	\$636,070
	11791	LAKE FOREST Z2-2RA PRV AT COMMERCENTRE	100.0%	\$95,900	\$114,400
	11405	OPA / REGIONAL GROUNDWATER PROJECT	1.6%	\$56,602	\$59,051
	11687	RMS AT 3 DOMESTIC WATER RESERVOIRS	1.6%	\$29,888	\$32,005
	11765	STOCKDALE STORAGE FOR RECOVERY CAPACITY	1.6%	\$14,229	\$15,242
	11645	STOCKDALE WEST RANCH JOINT BANKING PROJECT	1.6%	\$13,157	\$15,907
	11619	ENTERPRISE ASSET MGMT SOFTWARE IMPLEMENTATION	1.6%	\$12,902	\$18,488
	11627	WELL 115 REPLACEMENT WELL/WELLHEAD & SITE ACQUIS.	0.9%	\$10,364	\$10,933
	11455	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	1.6%	\$6,950	\$8,038
	11271	OCWD ANNEXATION FEE 14/15	1.6%	\$6,826	\$6,826
	10392	DATS & WELL 77 LEASE PAYMENT 14/15	1.6%	\$6,581	\$6,581
	11785	EL MODENA NTS POND INFILTRATION	1.6%	\$5,139	\$5,586
	11764	WATER BANKING AGREEMENTS 14/16	1.6%	\$3,869	\$9,781
	11794	STRAND RANCH WELL SETTING OPTIMIZATION/MONITORING	1.6%	\$3,621	\$3,861
	11056	ENG PLANNING STUDY RESERVE 14/15 DW	1.6%	\$3,168	\$5,536
	11648	GEN SYS MODS-DW 14/15	1.6%	\$3,045	\$3,698
	11779	EL MODENA INLET MODIFICATION	1.6%	\$2,499	\$2,946
	11792	EMBEDDED ENERGY PLAN	1.6%	\$2,470	\$2,978
	11748	WRMP UPDATE 14/15 DW	1.6%	\$2,112	\$3,888
	15051	WELLS 51/52/53 TREATMENT ALTERNATIVES STUDY	1.6%	\$1,965	\$2,510
	11793	WATER BANKING PLANNING 14/15	1.6%	\$1,848	\$3,328
	11788	SJM CAMPUS PAVING	0.8%	\$1,211	\$1,315
	11787	COMPRESSED NATURAL GAS MOTOR FUEL	1.6%	\$1,099	\$1,158
	11097	GIS SUPPORT APPLICATIONS 14/15	1.6%	\$960	\$1,507
	11289	STRAND RANCH FACILITIES AND MONITORING PROGRAM	1.6%	\$934	\$1,002

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
185-LF_OSA					
	11131	HYDRAULIC MODELING 14/15 DW	1.6%	\$704	\$1,000
	15428	WELL 53 SITE ACQUISITION & WELL DRILLING	1.6%	\$646	\$1,072
	11759	OPS BLDGS 54 AND 55 STORAGE FIRE REQTS IMPS	1.6%	\$616	\$765
	11797	MARSH MITIGATION CREDIT INVENTORY	1.6%	\$499	\$627
	11665	SJM BUILDING CAMPUS MOLD REMEDIATION	0.8%	\$12	\$12
				\$910,014	\$976,110
188					
	11747	BAKER WATER TREATMENT PLANT	0.5%	\$193,812	\$198,772
	11405	OPA / REGIONAL GROUNDWATER PROJECT	0.5%	\$17,688	\$18,454
	11687	RMS AT 3 DOMESTIC WATER RESERVOIRS	0.5%	\$9,340	\$10,002
	11765	STOCKDALE STORAGE FOR RECOVERY CAPACITY	0.5%	\$4,447	\$4,763
	11645	STOCKDALE WEST RANCH JOINT BANKING PROJECT	0.5%	\$4,112	\$4,971
	11619	ENTERPRISE ASSET MGMT SOFTWARE IMPLEMENTATION	0.5%	\$4,032	\$5,778
	11627	WELL 115 REPLACEMENT WELL/WELLHEAD & SITE ACQUIS.	0.3%	\$3,239	\$3,417
	11455	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	0.5%	\$2,172	\$2,512
	11271	OCWD ANNEXATION FEE 14/15	0.5%	\$2,133	\$2,133
	10392	DATS & WELL 77 LEASE PAYMENT 14/15	0.5%	\$2,057	\$2,057
	11785	EL MODENA NTS POND INFILTRATION	0.5%	\$1,606	\$1,746
	11764	WATER BANKING AGREEMENTS 14/16	0.5%	\$1,209	\$3,057
	11794	STRAND RANCH WELL SETTING OPTIMIZATION/MONITORING	0.5%	\$1,132	\$1,207
	11056	ENG PLANNING STUDY RESERVE 14/15 DW	0.5%	\$990	\$1,730
	11648	GEN SYS MODS-DW 14/15	0.5%	\$952	\$1,156
	11779	EL MODENA INLET MODIFICATION	0.5%	\$781	\$921
	11792	EMBEDDED ENERGY PLAN	0.5%	\$772	\$931

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
188					
	11748	WRMP UPDATE 14/15 DW	0.5%	\$660	\$1,215
	15051	WELLS 51/52/53 TREATMENT ALTERNATIVES STUDY	0.5%	\$614	\$785
	11793	WATER BANKING PLANNING 14/15	0.5%	\$578	\$1,040
	11788	SJM CAMPUS PAVING	0.3%	\$379	\$411
	11787	COMPRESSED NATURAL GAS MOTOR FUEL	0.5%	\$344	\$362
	11097	GIS SUPPORT APPLICATIONS 14/15	0.5%	\$300	\$471
	11289	STRAND RANCH FACILITIES AND MONITORING PROGRAM	0.5%	\$292	\$313
	11131	HYDRAULIC MODELING 14/15 DW	0.5%	\$220	\$313
	15428	WELL 53 SITE ACQUISITION & WELL DRILLING	0.5%	\$202	\$335
	11759	OPS BLDGS 54 AND 55 STORAGE FIRE REQTS IMPS	0.5%	\$193	\$239
	11797	MARSH MITIGATION CREDIT INVENTORY	0.5%	\$156	\$196
	11665	SJM BUILDING CAMPUS MOLD REMEDIATION	0.3%	\$4	\$4
				\$254,411	\$269,284
201-Rep					
	21146	MWRP BIOSOLIDS AND ENERGY RECOVERY FACILITIES	57.1%	\$29,902,870	\$30,774,673
	21615	UTILITY BILLING ORACLE CC AND B IMPLEMENTATION	100.0%	\$2,450,800	\$2,685,300
	21209	LAWRP PONDS BIOSOLIDS REMOVAL & DISPOSAL	100.0%	\$1,779,900	\$1,946,500
	20812	OCSO SOLIDS HANDLING 14/15	57.1%	\$794,261	\$794,261
	31703	MECH & ELEC SYS REPLACEMENT - RW 14/15	100.0%	\$440,000	\$440,000
	21711	ID CONSOLIDATION PROJECT ACCOUNTING IMPLEMENTATION	100.0%	\$412,900	\$551,800
	21703	MECH & ELEC SYS REPLACEMENT - SEWER 14/15	100.0%	\$400,000	\$400,000
	31646	SERVICE LINE, VALVE & MAIN REPLACEMENT-RW 14/15	100.0%	\$342,100	\$360,600
	30402	WELL REHAB PROGRAM RW 13/14 THRU 15/16	100.0%	\$340,200	\$394,600
	20914	MWRP SYS REPLACEMENTS 14/15	100.0%	\$332,200	\$335,900

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
201-Rep					
	21182	PLANO LIFT STATION FORCE MAIN RELOCATION (SMWD)	100.0%	\$293,600	\$299,600
	21166	2014 SEWER REHABILITATION	100.0%	\$293,200	\$355,200
	21781	PORTABLE DIESEL GENERATOR REPLACEMENT - SEWER	100.0%	\$293,100	\$293,100
	31781	PORTABLE DIESEL GENERATOR REPLACEMENT - RW	100.0%	\$293,100	\$293,100
	21761	2014 IRVINE ANNUAL ST REHAB, SEWER	100.0%	\$277,200	\$295,700
	30482	WELL 78 SPARE PUMP AND MOTOR PURCHASE	100.0%	\$276,100	\$276,100
	21646	SEWER LATERAL & MAIN REPLACEMENT 14/15	100.0%	\$218,900	\$237,400
	21142	MWRP SECONDARY REHABILITATION	100.0%	\$169,500	\$280,500
	21010	LAWRP SYSTEM REPLACEMENTS 14/15	100.0%	\$132,000	\$132,000
	30381	SAN JOAQUIN RESERVOIR LINER REPLACEMENT	100.0%	\$124,800	\$186,100
	20947	RAISE MANHOLES TO GRADE 14/15 UNDER RA	100.0%	\$110,000	\$110,000
	30502	WEIR CANYON VALVE VAULT PLC UPGRADE	100.0%	\$102,300	\$116,300
	30463	SJR LINER DEPRESSION REPAIR	100.0%	\$95,200	\$141,500
	31649	CSR METER REPLACEMENT-RW 14/15	100.0%	\$57,200	\$60,900
	21598	HQ LIGHTING RETROFIT & CEILING REPLACE	100.0%	\$56,500	\$83,100
	31653	1" TO 2" METER REPLACEMENT-RW 14/15	100.0%	\$54,500	\$68,400
	30556	CPTS RESTORE AND INSTALL	100.0%	\$49,500	\$77,300
	21119	SOCWA ETM CROSSING PROTECTION	100.0%	\$47,500	\$71,100
	21053	CHIQUITA GENERAL SYSTEM MODIFICATIONS 14/15	100.0%	\$44,000	\$44,000
	31761	2014 IRVINE ANNUAL ST REHAB, RW	100.0%	\$39,600	\$48,900
	31647	RAISE RW SYSTEM VALVES 14/15 UNDER RA	100.0%	\$38,500	\$47,800
	21164	MICHELSON LIFT STATION RELOCATION	100.0%	\$34,500	\$98,300
	21205	MAINTENANCE ACCESS FOR FOUR SEWER REACHES	100.0%	\$31,700	\$46,600
	21169	SMH RING/COVER REPLACEMENT (24 SMH)	100.0%	\$31,700	\$46,600
	21071	LAWRP BIOSOLIDS FACILITY	100.0%	\$29,400	\$34,800

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
201-Rep					
	30453	LAGUNA CANYON RD RW PIPELINE CORROSION REPLACE	100.0%	\$26,600	\$38,800
	30495	RATTLESNAKE BPS PUMP REPLACEMENT	100.0%	\$24,800	\$27,400
	21786	ASPHALT REPAIR - SEWER 14/15	100.0%	\$23,100	\$25,000
	31786	ASPHALT REPAIR - RW 14/15	100.0%	\$23,100	\$25,000
	21642	PLANNING AND BUDGETING SOFTWARE REPLACEMENT	100.0%	\$18,000	\$18,800
	21167	FPS 2 ROOF REPLACEMENT	100.0%	\$15,400	\$21,500
	21168	NEWPORT COAST SLS RECOATING	100.0%	\$12,800	\$19,400
	31598	HQ LIGHTING RETROFIT & CEILING REPLACE	100.0%	\$12,700	\$19,900
	30455	SJR ACTUATOR REPAIR/REPLACEMENT	100.0%	\$7,800	\$20,900
	30481	LAWRP STANDBY GENERATOR NO. 3 REPLACEMENT	100.0%	\$6,500	\$17,400
	30391	LAWRP TERTIARY FACILITY REPAIR AND RECOATING	100.0%	\$3,500	\$9,400
	20190	LAKE FOREST SEWER MUIRLANDS, EL TORO TO LAW RP	100.0%	\$2,900	\$7,400
	21181	MAIN ST DIVERSION STRUCTURE GROUND SETTLING	100.0%	\$2,900	\$7,400
				\$40,568,931	\$42,686,334
210					
	21146	MWRP BIOSOLIDS AND ENERGY RECOVERY FACILITIES	14.2%	\$7,436,388	\$7,653,192
	21163	PETERS CANYON WATER CAPTURE AND REUSE PIPELINE	33.1%	\$849,545	\$903,299
	20115	OCS D CORF 14/15	33.1%	\$530,063	\$530,063
	21619	ENTERPRISE ASSET MGMT SOFTWARE IMPLEMENTATION	33.1%	\$266,918	\$382,471
	20589	OCS D EQUITY 14/15	33.1%	\$244,510	\$244,510
	30435	RATTLESNAKE CHLORINE GAS REMOVAL	14.6%	\$230,184	\$250,098
	20812	OCS D SOLIDS HANDLING 14/15	14.2%	\$197,521	\$197,521
	21748	SCSMP UPDATE AND LONG-TERM FLOW MONITORING	33.1%	\$190,921	\$252,057
	30487	PA 18S HIDDEN CANYON 36" RW PIPELINE	14.6%	\$167,564	\$181,595

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
210					
	20114	OCSD CORF 13/14	33.1%	\$125,085	\$125,085
	21191	OPS DATABASE MANAGEMENT SYSTEM	33.1%	\$114,692	\$123,893
	20959	SEWER GEN SYS MODS 14/15	33.1%	\$109,230	\$109,230
	21455	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	33.1%	\$66,432	\$72,092
	21188	WATER RECYCLING PLANT MASTER PLAN UPDATE 2014-16	33.1%	\$60,242	\$80,499
	21056	ENG PLANNING STUDY RESERVE 14/15 SEWER	33.1%	\$56,800	\$103,338
	30420	PA 5B 36" ZONE A RW	14.6%	\$44,267	\$52,998
	30496	ILP NORTH CONVERSION (RATTLESNAKE TO PETERS CYN)	14.6%	\$38,559	\$53,378
	31056	ENG PLANNING STUDY RESERVE 14/15 RW	14.6%	\$25,696	\$41,902
	30499	EMBEDDED ENERGY PLAN	14.6%	\$22,542	\$27,171
	20214	MWRP EXPANSION PHASE II	33.1%	\$20,820	\$21,283
	21097	GIS SUPPORT APPLICATIONS 14/15	33.1%	\$19,860	\$31,180
	31748	WRMP UPDATE 14/15 RW	14.6%	\$19,272	\$35,478
	30422	PA9 JEFFREY RD PIPELINES, 36" ZNA, 36" SYPHON	14.6%	\$18,119	\$18,119
	30380	SALT MANAGEMENT PLAN DEVELOPMENT	14.6%	\$16,732	\$21,798
	30331	SANTIAGO DAM & OUTLET TWR SEISMIC STABILITY	14.6%	\$16,221	\$20,717
	21131	HYDRAULIC MODELING 14/15 SEWER	33.1%	\$14,564	\$20,688
	31384	HYDRAULIC MODEL UPDATE / CALIBRATION - NONPOTABLE	14.6%	\$12,921	\$16,250
	21759	OPS BLDGS 54 AND 55 STORAGE FIRE REQTS IMPS	33.1%	\$12,744	\$15,822
	31648	GEN SYS MODS-RW 14/15	14.6%	\$12,045	\$15,301
	30366	TECHNOLOGY WAY ZONE "B" TRANSMISSION MAIN	14.6%	\$11,330	\$11,943
	30461	SJR SEISMIC RE-EVALUATION (DSOD REQ'T)	14.6%	\$10,921	\$15,607
	31097	GIS SUPPORT APPLICATIONS 14/15	14.6%	\$8,760	\$13,753
	30415	CATHODIC PROTECTION FOR GAP PIPE SEGMENT	14.6%	\$7,037	\$8,672
	31131	HYDRAULIC MODELING 14/15 RW	14.6%	\$6,424	\$9,125

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
210					
	30214	MWRP EXPANSION PHASE II	14.6%	\$5,971	\$6,117
	31759	OPS BLDGS 54 AND 55 STORAGE FIRE REQTS IMPS	14.6%	\$5,621	\$6,979
	30408	MULTI-ZONE REGIONAL PS - ZONE A TO SYPHON	14.6%	\$3,708	\$5,709
	21170	SJM SLS UPGRADE	33.1%	\$3,343	\$5,726
	30517	LAKE FOREST CONTROL AND TELEMETRY SYS REPLACEMENT	14.6%	\$1,781	\$3,095
	20468	FOOTHILL SEWER DIVERSION TO LAWRP	33.1%	\$1,324	\$3,476
	21147	LAWRP SYSTEM UPGRADES	33.1%	\$828	\$2,218
	30382	SYPHON RESERVOIR EXPANSION	14.6%	\$467	\$803
	30390	PA9B RW AND SYPHON LATERAL PIPELINE, PH3	14.6%	\$380	\$380
	20588	OCSD EQUITY 13/14	33.1%	\$33	\$33
				\$11,008,382	\$11,694,662
212 ET					
	21723	PA51 LY ST FROM LQ ST TO IRVINE BLVD SEWER	100.0%	\$1,450,600	\$1,598,600
	21154	PA51 REACH A SEWER IMPROVMENTS	100.0%	\$1,200,900	\$1,301,500
	21141	PA51 RIDGE VALLEY, MARINE WAY TO TRABUCO - SEWER	100.0%	\$793,200	\$904,200
	31723	PA51 LY ST FROM LQ ST TO IRVINE BLVD RW	100.0%	\$782,600	\$949,100
	21146	MWRP BIOSOLIDS AND ENERGY RECOVERY FACILITIES	1.5%	\$763,859	\$786,129
	30394	PA51 RIDGE VALLEY, MARINE WAY TO TRABUCO - RW	100.0%	\$331,000	\$405,100
	21165	PA51 C ST FROM LV ST TO TRABUCO SEWER	100.0%	\$309,300	\$383,300
	21158	PA51 C ST FROM TRABUCO RD TO LQ ST SEWER	100.0%	\$288,700	\$344,300
	31159	PA51 LV ST FROM RIDGE VALLEY TO LY ST 12" RW	100.0%	\$265,200	\$320,700
	21159	PA51 LV ST FROM RIDGE VALLEY TO LY ST 18" SEWER	100.0%	\$254,200	\$309,700
	31721	PA51 C ST FROM LQ ST TO O ST RW	100.0%	\$232,100	\$269,200
	21671	PA51 RIDGE VALLEY, TRABUCO TO IRVINE BLVD - SS	100.0%	\$225,400	\$260,800

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
212 ET					
	21156	PA51 LQ ST FROM O ST TO LY ST SEWER	100.0%	\$215,600	\$243,400
	30388	PA51 MARINE WAY RW ZNB	100.0%	\$209,500	\$252,600
	21139	PA51 REACH B SEWER, OCTA R/W TO LV ST	100.0%	\$174,400	\$197,300
	30435	RATTLESNAKE CHLORINE GAS REMOVAL	10.7%	\$168,696	\$183,291
	30427	PA51 LY ST FROM TRABUCO RD TO LQ ST RW	100.0%	\$166,100	\$212,400
	30487	PA 18S HIDDEN CANYON 36" RW PIPELINE	10.7%	\$122,804	\$133,087
	31671	PA51 RIDGE VALLEY, TRABUCO TO IRVINE BLVD - RW	100.0%	\$99,000	\$116,700
	21163	PETERS CANYON WATER CAPTURE AND REUSE PIPELINE	3.4%	\$87,264	\$92,786
	31719	PA51 LN ST FROM C ST TO LY ST RW	100.0%	\$85,800	\$108,000
	31156	PA51 LQ ST FROM O ST TO LY ST RW	100.0%	\$63,800	\$76,800
	20115	OCS D CORF 14/15	3.4%	\$54,448	\$54,448
	30393	PA51 REACH B RW, OCTA R/W TO LV ST	100.0%	\$44,100	\$44,100
	30420	PA 5B 36" ZONE A RW	10.7%	\$32,442	\$38,841
	30496	ILP NORTH CONVERSION (RATTLESNAKE TO PETERS CYN)	10.7%	\$28,259	\$39,119
	21619	ENTERPRISE ASSET MGMT SOFTWARE IMPLEMENTATION	3.4%	\$27,418	\$39,287
	20589	OCS D EQUITY 14/15	3.4%	\$25,116	\$25,116
	20812	OCS D SOLIDS HANDLING 14/15	1.5%	\$20,289	\$20,289
	21748	SCSMP UPDATE AND LONG-TERM FLOW MONITORING	3.4%	\$19,611	\$25,891
	31056	ENG PLANNING STUDY RESERVE 14/15 RW	10.7%	\$18,832	\$30,709
	30499	EMBEDDED ENERGY PLAN	10.7%	\$16,521	\$19,913
	30410	MULTI-ZONE REGIONAL PS - ZONE C	50.5%	\$14,847	\$21,766
	31748	WRMP UPDATE 14/15 RW	10.7%	\$14,124	\$26,001
	30422	PA9 JEFFREY RD PIPELINES, 36" ZNA, 36" SYPHON	10.7%	\$13,279	\$13,279
	20114	OCS D CORF 13/14	3.4%	\$12,849	\$12,849
	30409	MULTI-ZONE REGIONAL PS - ZONE B	54.2%	\$12,358	\$19,783

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
212 ET					
	30380	SALT MANAGEMENT PLAN DEVELOPMENT	10.7%	\$12,262	\$15,975
	30331	SANTIAGO DAM & OUTLET TWR SEISMIC STABILITY	10.7%	\$11,888	\$15,183
	21191	OPS DATABASE MANAGEMENT SYSTEM	3.4%	\$11,781	\$12,726
	20959	SEWER GEN SYS MODS 14/15	3.4%	\$11,220	\$11,220
	31384	HYDRAULIC MODEL UPDATE / CALIBRATION - NONPOTABLE	10.7%	\$9,470	\$11,909
	31648	GEN SYS MODS-RW 14/15	10.7%	\$8,828	\$11,214
	30366	TECHNOLOGY WAY ZONE "B" TRANSMISSION MAIN	10.7%	\$8,303	\$8,753
	30461	SJR SEISMIC RE-EVALUATION (DSOD REQ'T)	10.7%	\$8,004	\$11,438
	21455	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	3.4%	\$6,824	\$7,405
	31097	GIS SUPPORT APPLICATIONS 14/15	10.7%	\$6,420	\$10,079
	21188	WATER RECYCLING PLANT MASTER PLAN UPDATE 2014-16	3.4%	\$6,188	\$8,269
	21056	ENG PLANNING STUDY RESERVE 14/15 SEWER	3.4%	\$5,834	\$10,615
	30415	CATHODIC PROTECTION FOR GAP PIPE SEGMENT	10.7%	\$5,157	\$6,356
	31131	HYDRAULIC MODELING 14/15 RW	10.7%	\$4,708	\$6,688
	30214	MWRP EXPANSION PHASE II	10.7%	\$4,376	\$4,483
	31759	OPS BLDGS 54 AND 55 STORAGE FIRE REQTS IMPS	10.7%	\$4,120	\$5,115
	30408	MULTI-ZONE REGIONAL PS - ZONE A TO SYPHON	10.7%	\$2,718	\$4,184
	21379	LEGACY PARK TUSTIN RANCH ROAD	100.0%	\$2,300	\$2,300
	20214	MWRP EXPANSION PHASE II	3.4%	\$2,139	\$2,186
	21097	GIS SUPPORT APPLICATIONS 14/15	3.4%	\$2,040	\$3,203
	21131	HYDRAULIC MODELING 14/15 SEWER	3.4%	\$1,496	\$2,125
	21759	OPS BLDGS 54 AND 55 STORAGE FIRE REQTS IMPS	3.4%	\$1,309	\$1,625
	30517	LAKE FOREST CONTROL AND TELEMETRY SYS REPLACEMENT	10.7%	\$1,305	\$2,268
	21170	SJM SLS UPGRADE	3.4%	\$343	\$588
	30382	SYPHON RESERVOIR EXPANSION	10.7%	\$342	\$589

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
212 ET					
	30390	PA9B RW AND SYPHON LATERAL PIPELINE, PH3	10.7%	\$278	\$278
	20468	FOOTHILL SEWER DIVERSION TO LAW RP	3.4%	\$136	\$357
	21147	LAW RP SYSTEM UPGRADES	3.4%	\$85	\$228
	20588	OCSD EQUITY 13/14	3.4%	\$3	\$3
				\$8,784,392	\$10,057,743
213 TU					
	21146	MWRP BIOSOLIDS AND ENERGY RECOVERY FACILITIES	1.5%	\$763,859	\$786,129
	30447	TUSTIN LEGACY ARMSTRONG ZONE A & WARNER ZONE A RW	100.0%	\$529,100	\$617,800
	31746	TUSTIN LEGACY WARNER FROM ARMSTRONG TO LEGACY RW	100.0%	\$185,800	\$222,800
	21163	PETERS CANYON WATER CAPTURE AND REUSE PIPELINE	3.4%	\$87,264	\$92,786
	30435	RATTLESNAKE CHLORINE GAS REMOVAL	4.1%	\$64,641	\$70,233
	20115	OCSD CORF 14/15	3.4%	\$54,448	\$54,448
	21469	GREAT PARK COORDINATION AND SAMP UPDATE	100.0%	\$47,500	\$74,100
	30487	PA 18S HIDDEN CANYON 36" RW PIPELINE	4.1%	\$47,056	\$50,996
	21619	ENTERPRISE ASSET MGMT SOFTWARE IMPLEMENTATION	3.4%	\$27,418	\$39,287
	20589	OCSD EQUITY 14/15	3.4%	\$25,116	\$25,116
	31716	TUSTIN LEGACY WARNER - LEGACY TO TUSTIN RANCH RW	100.0%	\$20,500	\$23,700
	20812	OCSD SOLIDS HANDLING 14/15	1.5%	\$20,289	\$20,289
	21748	SCSMP UPDATE AND LONG-TERM FLOW MONITORING	3.4%	\$19,611	\$25,891
	20114	OCSD CORF 13/14	3.4%	\$12,849	\$12,849
	30420	PA 5B 36" ZONE A RW	4.1%	\$12,431	\$14,883
	21191	OPS DATABASE MANAGEMENT SYSTEM	3.4%	\$11,781	\$12,726
	20959	SEWER GEN SYS MODS 14/15	3.4%	\$11,220	\$11,220
	30496	ILP NORTH CONVERSION (RATTLESNAKE TO PETERS CYN)	4.1%	\$10,828	\$14,990

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
213 TU					
	31056	ENG PLANNING STUDY RESERVE 14/15 RW	4.1%	\$7,216	\$11,767
	21455	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	3.4%	\$6,824	\$7,405
	30499	EMBEDDED ENERGY PLAN	4.1%	\$6,330	\$7,630
	21188	WATER RECYCLING PLANT MASTER PLAN UPDATE 2014-16	3.4%	\$6,188	\$8,269
	21056	ENG PLANNING STUDY RESERVE 14/15 SEWER	3.4%	\$5,834	\$10,615
	31748	WRMP UPDATE 14/15 RW	4.1%	\$5,412	\$9,963
	30422	PA9 JEFFREY RD PIPELINES, 36" ZNA, 36" SYPHON	4.1%	\$5,088	\$5,088
	30380	SALT MANAGEMENT PLAN DEVELOPMENT	4.1%	\$4,699	\$6,121
	30331	SANTIAGO DAM & OUTLET TWR SEISMIC STABILITY	4.1%	\$4,555	\$5,818
	31384	HYDRAULIC MODEL UPDATE / CALIBRATION - NONPOTABLE	4.1%	\$3,629	\$4,563
	31714	TUSIN LEGACY-TUSTIN RANCH, BARRANCA & ARMSTRONG RW	100.0%	\$3,500	\$3,500
	31648	GEN SYS MODS-RW 14/15	4.1%	\$3,383	\$4,297
	30366	TECHNOLOGY WAY ZONE "B" TRANSMISSION MAIN	4.1%	\$3,182	\$3,354
	30461	SJR SEISMIC RE-EVALUATION (DSOD REQ'T)	4.1%	\$3,067	\$4,383
	31379	LEGACY PARK TUSTIN RANCH ROAD	100.0%	\$2,500	\$2,500
	31097	GIS SUPPORT APPLICATIONS 14/15	4.1%	\$2,460	\$3,862
	21153	TUSTIN LEGACY - LEGACY VILLAS SEWER	100.0%	\$2,300	\$2,300
	20214	MWRP EXPANSION PHASE II	3.4%	\$2,139	\$2,186
	21097	GIS SUPPORT APPLICATIONS 14/15	3.4%	\$2,040	\$3,203
	30415	CATHODIC PROTECTION FOR GAP PIPE SEGMENT	4.1%	\$1,976	\$2,435
	31131	HYDRAULIC MODELING 14/15 RW	4.1%	\$1,804	\$2,563
	30214	MWRP EXPANSION PHASE II	4.1%	\$1,677	\$1,718
	31759	OPS BLDGS 54 AND 55 STORAGE FIRE REQTS IMPS	4.1%	\$1,579	\$1,960
	21131	HYDRAULIC MODELING 14/15 SEWER	3.4%	\$1,496	\$2,125
	21759	OPS BLDGS 54 AND 55 STORAGE FIRE REQTS IMPS	3.4%	\$1,309	\$1,625

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
213 TU					
	30408	MULTI-ZONE REGIONAL PS - ZONE A TO SYPHON	4.1%	\$1,041	\$1,603
	30517	LAKE FOREST CONTROL AND TELEMETRY SYS REPLACEMENT	4.1%	\$500	\$869
	21170	SJM SLS UPGRADE	3.4%	\$343	\$588
	20468	FOOTHILL SEWER DIVERSION TO LAWRP	3.4%	\$136	\$357
	30382	SYPHON RESERVOIR EXPANSION	4.1%	\$131	\$226
	30390	PA9B RW AND SYPHON LATERAL PIPELINE, PH3	4.1%	\$107	\$107
	21147	LAWRP SYSTEM UPGRADES	3.4%	\$85	\$228
	20588	OCSO EQUITY 13/14	3.4%	\$3	\$3
				\$2,044,242	\$2,293,472
225-DevID_Potable					
	21146	MWRP BIOSOLIDS AND ENERGY RECOVERY FACILITIES	20.8%	\$10,896,218	\$11,213,892
	21163	PETERS CANYON WATER CAPTURE AND REUSE PIPELINE	48.5%	\$1,244,801	\$1,323,565
	30435	RATTLESNAKE CHLORINE GAS REMOVAL	51.0%	\$804,066	\$873,630
	20115	OCSO CORF 14/15	48.5%	\$776,679	\$776,679
	30487	PA 18S HIDDEN CANYON 36" RW PIPELINE	51.0%	\$585,327	\$634,338
	21619	ENTERPRISE ASSET MGMT SOFTWARE IMPLEMENTATION	48.5%	\$391,104	\$560,418
	20589	OCSO EQUITY 14/15	48.5%	\$358,270	\$358,270
	20812	OCSO SOLIDS HANDLING 14/15	20.8%	\$289,418	\$289,418
	21748	SCSMP UPDATE AND LONG-TERM FLOW MONITORING	48.5%	\$279,748	\$369,328
	20114	OCSO CORF 13/14	48.5%	\$183,282	\$183,282
	30491	OPA NON-POTABLE PIPELINE	100.0%	\$178,700	\$225,100
	21191	OPS DATABASE MANAGEMENT SYSTEM	48.5%	\$168,053	\$181,536
	20959	SEWER GEN SYS MODS 14/15	48.5%	\$160,050	\$160,050
	30420	PA 5B 36" ZONE A RW	51.0%	\$154,632	\$185,130

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
225-DevID_Potable					
	30496	ILP NORTH CONVERSION (RATTLESNAKE TO PETERS CYN)	51.0%	\$134,691	\$186,456
	21455	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	48.5%	\$97,340	\$105,633
	31056	ENG PLANNING STUDY RESERVE 14/15 RW	51.0%	\$89,760	\$146,370
	21188	WATER RECYCLING PLANT MASTER PLAN UPDATE 2014-16	48.5%	\$88,270	\$117,952
	21056	ENG PLANNING STUDY RESERVE 14/15 SEWER	48.5%	\$83,226	\$151,417
	30499	EMBEDDED ENERGY PLAN	51.0%	\$78,744	\$94,911
	31748	WRMP UPDATE 14/15 RW	51.0%	\$67,320	\$123,930
	30422	PA9 JEFFREY RD PIPELINES, 36" ZNA, 36" SYPHON	51.0%	\$63,291	\$63,291
	30380	SALT MANAGEMENT PLAN DEVELOPMENT	51.0%	\$58,446	\$76,143
	30331	SANTIAGO DAM & OUTLET TWR SEISMIC STABILITY	51.0%	\$56,661	\$72,369
	31384	HYDRAULIC MODEL UPDATE / CALIBRATION - NONPOTABLE	51.0%	\$45,135	\$56,763
	31648	GEN SYS MODS-RW 14/15	51.0%	\$42,075	\$53,448
	30366	TECHNOLOGY WAY ZONE "B" TRANSMISSION MAIN	51.0%	\$39,576	\$41,718
	30461	SJR SEISMIC RE-EVALUATION (DSOD REQ'T)	51.0%	\$38,148	\$54,519
	31097	GIS SUPPORT APPLICATIONS 14/15	51.0%	\$30,600	\$48,042
	20214	MWRP EXPANSION PHASE II	48.5%	\$30,507	\$31,186
	21097	GIS SUPPORT APPLICATIONS 14/15	48.5%	\$29,100	\$45,687
	30415	CATHODIC PROTECTION FOR GAP PIPE SEGMENT	51.0%	\$24,582	\$30,294
	31131	HYDRAULIC MODELING 14/15 RW	51.0%	\$22,440	\$31,875
	21131	HYDRAULIC MODELING 14/15 SEWER	48.5%	\$21,340	\$30,313
	30214	MWRP EXPANSION PHASE II	51.0%	\$20,859	\$21,369
	31759	OPS BLDGS 54 AND 55 STORAGE FIRE REQTS IMPS	51.0%	\$19,635	\$24,378
	21759	OPS BLDGS 54 AND 55 STORAGE FIRE REQTS IMPS	48.5%	\$18,673	\$23,183
	30408	MULTI-ZONE REGIONAL PS - ZONE A TO SYPHON	51.0%	\$12,954	\$19,941
	30410	MULTI-ZONE REGIONAL PS - ZONE C	27.8%	\$8,173	\$11,982

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
225-DevID_Potable					
	30517	LAKE FOREST CONTROL AND TELEMETRY SYS REPLACEMENT	51.0%	\$6,222	\$10,812
	30409	MULTI-ZONE REGIONAL PS - ZONE B	23.1%	\$5,267	\$8,432
	21170	SJM SLS UPGRADE	48.5%	\$4,899	\$8,391
	20468	FOOTHILL SEWER DIVERSION TO LAWRP	48.5%	\$1,940	\$5,093
	30382	SYPHON RESERVOIR EXPANSION	51.0%	\$1,632	\$2,805
	30390	PA9B RW AND SYPHON LATERAL PIPELINE, PH3	51.0%	\$1,326	\$1,326
	21147	LAWRP SYSTEM UPGRADES	48.5%	\$1,213	\$3,250
	20588	OCSO EQUITY 13/14	48.5%	\$49	\$49
				\$17,714,438	\$19,037,958
240					
	30435	RATTLESNAKE CHLORINE GAS REMOVAL	7.7%	\$121,398	\$131,901
	30487	PA 18S HIDDEN CANYON 36" RW PIPELINE	7.7%	\$88,373	\$95,773
	30917	NEWPORT COAST CP JOINT BONDING	100.0%	\$44,400	\$75,700
	30420	PA 5B 36" ZONE A RW	7.7%	\$23,346	\$27,951
	30496	ILP NORTH CONVERSION (RATTLESNAKE TO PETERS CYN)	7.7%	\$20,336	\$28,151
	31056	ENG PLANNING STUDY RESERVE 14/15 RW	7.7%	\$13,552	\$22,099
	30499	EMBEDDED ENERGY PLAN	7.7%	\$11,889	\$14,330
	20410	NEWPORT COAST CP JOINT BONDING	100.0%	\$10,900	\$17,900
	31748	WRMP UPDATE 14/15 RW	7.7%	\$10,164	\$18,711
	30422	PA9 JEFFREY RD PIPELINES, 36" ZNA, 36" SYPHON	7.7%	\$9,556	\$9,556
	30380	SALT MANAGEMENT PLAN DEVELOPMENT	7.7%	\$8,824	\$11,496
	30331	SANTIAGO DAM & OUTLET TWR SEISMIC STABILITY	7.7%	\$8,555	\$10,926
	31384	HYDRAULIC MODEL UPDATE / CALIBRATION - NONPOTABLE	7.7%	\$6,815	\$8,570
	31648	GEN SYS MODS-RW 14/15	7.7%	\$6,353	\$8,070

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
240					
	30366	TECHNOLOGY WAY ZONE "B" TRANSMISSION MAIN	7.7%	\$5,975	\$6,299
	30461	SJR SEISMIC RE-EVALUATION (DSOD REQ'T)	7.7%	\$5,760	\$8,231
	31097	GIS SUPPORT APPLICATIONS 14/15	7.7%	\$4,620	\$7,253
	30415	CATHODIC PROTECTION FOR GAP PIPE SEGMENT	7.7%	\$3,711	\$4,574
	31131	HYDRAULIC MODELING 14/15 RW	7.7%	\$3,388	\$4,813
	30214	MWRP EXPANSION PHASE II	7.7%	\$3,149	\$3,226
	31759	OPS BLDGS 54 AND 55 STORAGE FIRE REQTS IMPS	7.7%	\$2,965	\$3,681
	30408	MULTI-ZONE REGIONAL PS - ZONE A TO SYPHON	7.7%	\$1,956	\$3,011
	30517	LAKE FOREST CONTROL AND TELEMETRY SYS REPLACEMENT	7.7%	\$939	\$1,632
	30382	SYPHON RESERVOIR EXPANSION	7.7%	\$246	\$424
	30390	PA9B RW AND SYPHON LATERAL PIPELINE, PH3	7.7%	\$200	\$200
				\$417,369	\$524,477
253-FutDevID_Sewer					
	21146	MWRP BIOSOLIDS AND ENERGY RECOVERY FACILITIES	4.1%	\$2,156,777	\$2,219,657
	30446	PA18 ZN B-C BPS	100.0%	\$1,091,200	\$1,121,200
	30429	PA5B PHASE 1B 36" ZNA RW	100.0%	\$441,100	\$533,700
	30426	PA 6 PHASE 1 NEIGHBORHOOD 3 ZONE C RW	100.0%	\$307,800	\$374,400
	21163	PETERS CANYON WATER CAPTURE AND REUSE PIPELINE	9.6%	\$246,394	\$261,984
	31739	PA 18S HIDDEN CANYON 6" & 8" RW	100.0%	\$181,300	\$212,200
	30435	RATTLESNAKE CHLORINE GAS REMOVAL	10.3%	\$162,390	\$176,439
	20115	OCSO CORF 14/15	9.6%	\$153,734	\$153,734
	30487	PA 18S HIDDEN CANYON 36" RW PIPELINE	10.3%	\$118,213	\$128,111
	30428	PA1 ORCHARD HILLS NH 2 - 6" ZNB & 6" ZNC RW	100.0%	\$105,000	\$142,100
	31717	PA 5B 6" & 8" ZONE B RW & 6" ZONE C RW	100.0%	\$87,700	\$109,000

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
253-FutDevID_Sewer					
	21619	ENTERPRISE ASSET MGMT SOFTWARE IMPLEMENTATION	9.6%	\$77,414	\$110,928
	20589	OCSO EQUITY 14/15	9.6%	\$70,915	\$70,915
	30449	PA1 ORCHARD HILLS 6" ZNC RW	100.0%	\$67,300	\$85,900
	20812	OCSO SOLIDS HANDLING 14/15	4.1%	\$57,287	\$57,287
	21748	SCSMP UPDATE AND LONG-TERM FLOW MONITORING	9.6%	\$55,373	\$73,104
	30797	PA6 RW PIPELINES	100.0%	\$54,200	\$58,000
	30389	PA9 JEFFREY RD PIPELINES, ZNB AND ZNC	100.0%	\$47,300	\$47,300
	30430	PA5B PHASE 2 6" ZNC RW	100.0%	\$39,600	\$58,200
	20114	OCSO CORF 13/14	9.6%	\$36,278	\$36,278
	21191	OPS DATABASE MANAGEMENT SYSTEM	9.6%	\$33,264	\$35,933
	20959	SEWER GEN SYS MODS 14/15	9.6%	\$31,680	\$31,680
	30420	PA 5B 36" ZONE A RW	10.3%	\$31,230	\$37,389
	30496	ILP NORTH CONVERSION (RATTLESNAKE TO PETERS CYN)	10.3%	\$27,202	\$37,657
	21455	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	9.6%	\$19,267	\$20,909
	30421	PA 5B 8" ZONE B RW	100.0%	\$19,100	\$27,700
	31056	ENG PLANNING STUDY RESERVE 14/15 RW	10.3%	\$18,128	\$29,561
	21188	WATER RECYCLING PLANT MASTER PLAN UPDATE 2014-16	9.6%	\$17,472	\$23,347
	21056	ENG PLANNING STUDY RESERVE 14/15 SEWER	9.6%	\$16,474	\$29,971
	30499	EMBEDDED ENERGY PLAN	10.3%	\$15,903	\$19,168
	31748	WRMP UPDATE 14/15 RW	10.3%	\$13,596	\$25,029
	30422	PA9 JEFFREY RD PIPELINES, 36" ZNA, 36" SYPHON	10.3%	\$12,782	\$12,782
	30380	SALT MANAGEMENT PLAN DEVELOPMENT	10.3%	\$11,804	\$15,378
	30331	SANTIAGO DAM & OUTLET TWR SEISMIC STABILITY	10.3%	\$11,443	\$14,616
	31384	HYDRAULIC MODEL UPDATE / CALIBRATION - NONPOTABLE	10.3%	\$9,116	\$11,464
	31648	GEN SYS MODS-RW 14/15	10.3%	\$8,498	\$10,794

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
253-FutDevID_Sewer					
	30366	TECHNOLOGY WAY ZONE "B" TRANSMISSION MAIN	10.3%	\$7,993	\$8,425
	30461	SJR SEISMIC RE-EVALUATION (DSOD REQ'T)	10.3%	\$7,704	\$11,011
	30280	PA9B PHASE 5 GATEWAY PARK RW PIPES	100.0%	\$7,600	\$11,400
	30410	MULTI-ZONE REGIONAL PS - ZONE C	21.7%	\$6,380	\$9,353
	31097	GIS SUPPORT APPLICATIONS 14/15	10.3%	\$6,180	\$9,703
	20214	MWRP EXPANSION PHASE II	9.6%	\$6,038	\$6,173
	30433	PORTOLA SPRINGS RECYCLED WATER PIPELINE	100.0%	\$6,000	\$6,500
	21097	GIS SUPPORT APPLICATIONS 14/15	9.6%	\$5,760	\$9,043
	30409	MULTI-ZONE REGIONAL PS - ZONE B	22.7%	\$5,176	\$8,286
	30415	CATHODIC PROTECTION FOR GAP PIPE SEGMENT	10.3%	\$4,965	\$6,118
	31131	HYDRAULIC MODELING 14/15 RW	10.3%	\$4,532	\$6,438
	21131	HYDRAULIC MODELING 14/15 SEWER	9.6%	\$4,224	\$6,000
	30214	MWRP EXPANSION PHASE II	10.3%	\$4,213	\$4,316
	31759	OPS BLDGS 54 AND 55 STORAGE FIRE REQTS IMPS	10.3%	\$3,966	\$4,923
	21759	OPS BLDGS 54 AND 55 STORAGE FIRE REQTS IMPS	9.6%	\$3,696	\$4,589
	30408	MULTI-ZONE REGIONAL PS - ZONE A TO SYPHON	10.3%	\$2,616	\$4,027
	31640	PA39 PH2 RW FACILITIES	100.0%	\$2,000	\$3,000
	30517	LAKE FOREST CONTROL AND TELEMETRY SYS REPLACEMENT	10.3%	\$1,257	\$2,184
	21170	SJM SLS UPGRADE	9.6%	\$970	\$1,661
	30416	PA40 PH3B RW CAPITAL FACILITIES	100.0%	\$700	\$700
	31605	PA40 PH2 RW FACILITIES	100.0%	\$400	\$400
	20468	FOOTHILL SEWER DIVERSION TO LAWRP	9.6%	\$384	\$1,008
	30382	SYPHON RESERVOIR EXPANSION	10.3%	\$330	\$567
	30424	PA40 NEIGHBORHOOD 2G BACKBONE RW FACILITIES	100.0%	\$300	\$300
	30390	PA9B RW AND SYPHON LATERAL PIPELINE, PH3	10.3%	\$268	\$268

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
253-FutDevID_Sewer					
	21147	LAWRP SYSTEM UPGRADES	9.6%	\$240	\$643
	20588	OCSO EQUITY 13/14	9.6%	\$10	\$10
				\$5,948,133	\$6,540,860
256					
	21146	MWRP BIOSOLIDS AND ENERGY RECOVERY FACILITIES	0.1%	\$67,399	\$69,364
	21163	PETERS CANYON WATER CAPTURE AND REUSE PIPELINE	0.3%	\$7,700	\$8,187
	20115	OCSO CORF 14/15	0.3%	\$4,804	\$4,804
	21619	ENTERPRISE ASSET MGMT SOFTWARE IMPLEMENTATION	0.3%	\$2,419	\$3,467
	20589	OCSO EQUITY 14/15	0.3%	\$2,216	\$2,216
	20812	OCSO SOLIDS HANDLING 14/15	0.1%	\$1,790	\$1,790
	21748	SCSMP UPDATE AND LONG-TERM FLOW MONITORING	0.3%	\$1,730	\$2,285
	20114	OCSO CORF 13/14	0.3%	\$1,134	\$1,134
	21191	OPS DATABASE MANAGEMENT SYSTEM	0.3%	\$1,040	\$1,123
	20959	SEWER GEN SYS MODS 14/15	0.3%	\$990	\$990
	21455	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	0.3%	\$602	\$653
	21188	WATER RECYCLING PLANT MASTER PLAN UPDATE 2014-16	0.3%	\$546	\$730
	21056	ENG PLANNING STUDY RESERVE 14/15 SEWER	0.3%	\$515	\$937
	20214	MWRP EXPANSION PHASE II	0.3%	\$189	\$193
	21097	GIS SUPPORT APPLICATIONS 14/15	0.3%	\$180	\$283
	21131	HYDRAULIC MODELING 14/15 SEWER	0.3%	\$132	\$188
	21759	OPS BLDGS 54 AND 55 STORAGE FIRE REQTS IMPS	0.3%	\$116	\$143
	21170	SJM SLS UPGRADE	0.3%	\$30	\$52
	20468	FOOTHILL SEWER DIVERSION TO LAW RP	0.3%	\$12	\$32
	21147	LAWRP SYSTEM UPGRADES	0.3%	\$8	\$20

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
256					
	20588	OCSD EQUITY 13/14	0.3%	\$0	\$0
				\$93,552	\$98,589
285-LF_OSA_Ssewer					
	21146	MWRP BIOSOLIDS AND ENERGY RECOVERY FACILITIES	0.6%	\$292,064	\$300,579
	21163	PETERS CANYON WATER CAPTURE AND REUSE PIPELINE	1.3%	\$33,366	\$35,477
	30435	RATTLESNAKE CHLORINE GAS REMOVAL	1.5%	\$23,649	\$25,695
	20115	OCSD CORF 14/15	1.3%	\$20,818	\$20,818
	30487	PA 18S HIDDEN CANYON 36" RW PIPELINE	1.5%	\$17,216	\$18,657
	21619	ENTERPRISE ASSET MGMT SOFTWARE IMPLEMENTATION	1.3%	\$10,483	\$15,022
	20589	OCSD EQUITY 14/15	1.3%	\$9,603	\$9,603
	20812	OCSD SOLIDS HANDLING 14/15	0.6%	\$7,758	\$7,758
	21748	SCSMP UPDATE AND LONG-TERM FLOW MONITORING	1.3%	\$7,498	\$9,900
	20114	OCSD CORF 13/14	1.3%	\$4,913	\$4,913
	30420	PA 5B 36" ZONE A RW	1.5%	\$4,548	\$5,445
	21191	OPS DATABASE MANAGEMENT SYSTEM	1.3%	\$4,505	\$4,866
	20959	SEWER GEN SYS MODS 14/15	1.3%	\$4,290	\$4,290
	30496	ILP NORTH CONVERSION (RATTLESNAKE TO PETERS CYN)	1.5%	\$3,962	\$5,484
	31056	ENG PLANNING STUDY RESERVE 14/15 RW	1.5%	\$2,640	\$4,305
	21455	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	1.3%	\$2,609	\$2,831
	21188	WATER RECYCLING PLANT MASTER PLAN UPDATE 2014-16	1.3%	\$2,366	\$3,162
	30499	EMBEDDED ENERGY PLAN	1.5%	\$2,316	\$2,792
	21056	ENG PLANNING STUDY RESERVE 14/15 SEWER	1.3%	\$2,231	\$4,059
	31748	WRMP UPDATE 14/15 RW	1.5%	\$1,980	\$3,645
	30422	PA9 JEFFREY RD PIPELINES, 36" ZNA, 36" SYPHON	1.5%	\$1,862	\$1,862

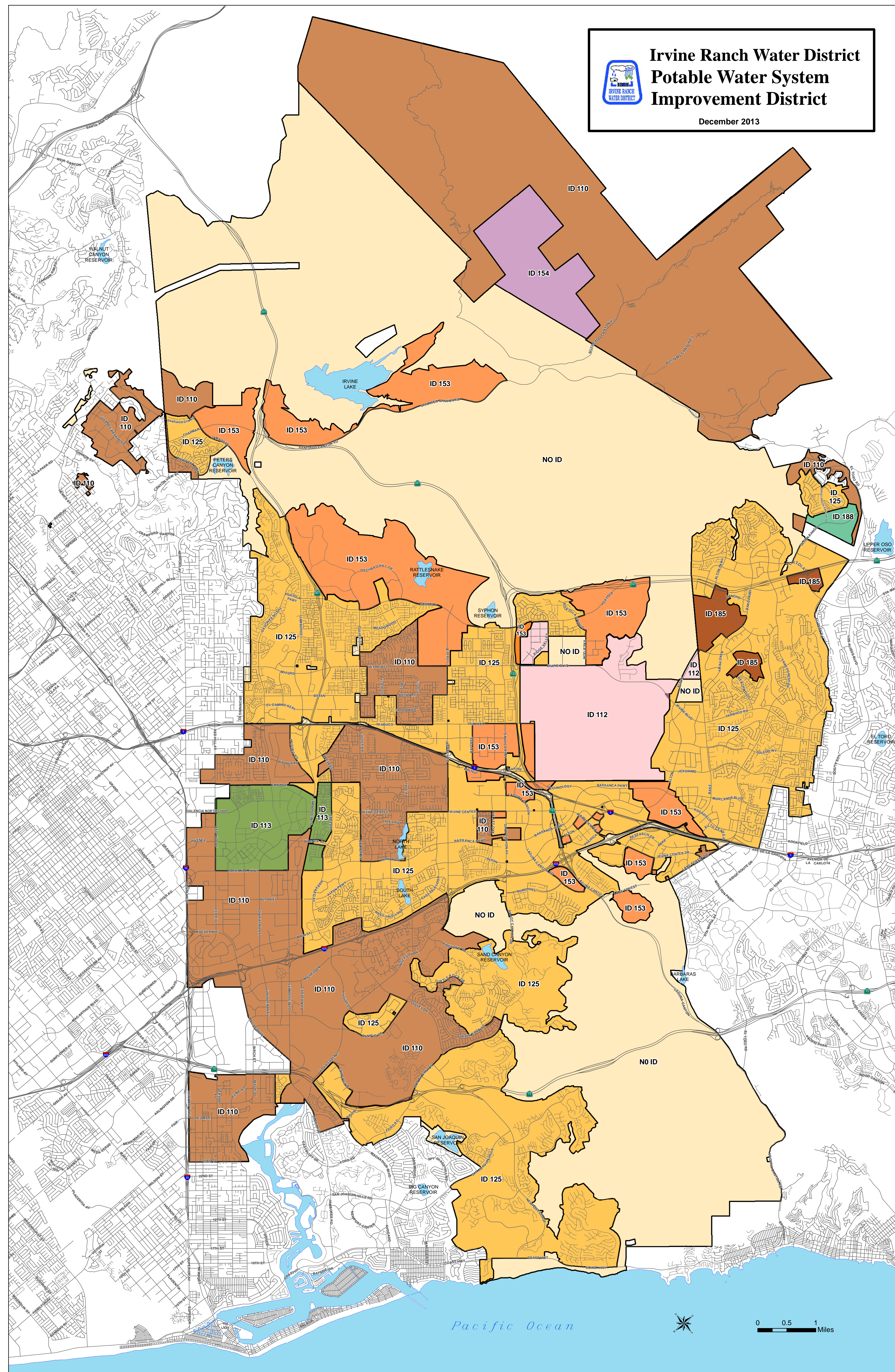
ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
285-LF_OSA_Ssewer					
	30380	SALT MANAGEMENT PLAN DEVELOPMENT	1.5%	\$1,719	\$2,240
	30331	SANTIAGO DAM & OUTLET TWR SEISMIC STABILITY	1.5%	\$1,667	\$2,129
	31384	HYDRAULIC MODEL UPDATE / CALIBRATION - NONPOTABLE	1.5%	\$1,328	\$1,670
	31648	GEN SYS MODS-RW 14/15	1.5%	\$1,238	\$1,572
	30366	TECHNOLOGY WAY ZONE "B" TRANSMISSION MAIN	1.5%	\$1,164	\$1,227
	30461	SJR SEISMIC RE-EVALUATION (DSOD REQ'T)	1.5%	\$1,122	\$1,604
	31097	GIS SUPPORT APPLICATIONS 14/15	1.5%	\$900	\$1,413
	20214	MWRP EXPANSION PHASE II	1.3%	\$818	\$836
	21097	GIS SUPPORT APPLICATIONS 14/15	1.3%	\$780	\$1,225
	30415	CATHODIC PROTECTION FOR GAP PIPE SEGMENT	1.5%	\$723	\$891
	31131	HYDRAULIC MODELING 14/15 RW	1.5%	\$660	\$938
	30214	MWRP EXPANSION PHASE II	1.5%	\$614	\$629
	31759	OPS BLDGS 54 AND 55 STORAGE FIRE REQTS IMPS	1.5%	\$578	\$717
	21131	HYDRAULIC MODELING 14/15 SEWER	1.3%	\$572	\$813
	21759	OPS BLDGS 54 AND 55 STORAGE FIRE REQTS IMPS	1.3%	\$501	\$621
	30408	MULTI-ZONE REGIONAL PS - ZONE A TO SYPHON	1.5%	\$381	\$587
	21560	LAKE FOREST WW OFFSITE IMPROVEMENTS	100.0%	\$300	\$300
	30517	LAKE FOREST CONTROL AND TELEMTRY SYS REPLACEMENT	1.5%	\$183	\$318
	21170	SJM SLS UPGRADE	1.3%	\$131	\$225
	20468	FOOTHILL SEWER DIVERSION TO LAWRP	1.3%	\$52	\$137
	30382	SYPHON RESERVOIR EXPANSION	1.5%	\$48	\$83
	30390	PA9B RW AND SYPHON LATERAL PIPELINE, PH3	1.5%	\$39	\$39
	21147	LAWRP SYSTEM UPGRADES	1.3%	\$33	\$87
	20588	OCSO EQUITY 13/14	1.3%	\$1	\$1
				\$476,223	\$511,457

ID	EPMS No.	Project Title	Alloc	FY Direct	FY Direct+GA
288					
	21146	MWRP BIOSOLIDS AND ENERGY RECOVERY FACILITIES	0.1%	\$67,399	\$69,364
	21163	PETERS CANYON WATER CAPTURE AND REUSE PIPELINE	0.3%	\$7,700	\$8,187
	20115	OCSO CORF 14/15	0.3%	\$4,804	\$4,804
	21619	ENTERPRISE ASSET MGMT SOFTWARE IMPLEMENTATION	0.3%	\$2,419	\$3,467
	20589	OCSO EQUITY 14/15	0.3%	\$2,216	\$2,216
	20812	OCSO SOLIDS HANDLING 14/15	0.1%	\$1,790	\$1,790
	21748	SCSMP UPDATE AND LONG-TERM FLOW MONITORING	0.3%	\$1,730	\$2,285
	20114	OCSO CORF 13/14	0.3%	\$1,134	\$1,134
	21191	OPS DATABASE MANAGEMENT SYSTEM	0.3%	\$1,040	\$1,123
	20959	SEWER GEN SYS MODS 14/15	0.3%	\$990	\$990
	21455	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	0.3%	\$602	\$653
	21188	WATER RECYCLING PLANT MASTER PLAN UPDATE 2014-16	0.3%	\$546	\$730
	21056	ENG PLANNING STUDY RESERVE 14/15 SEWER	0.3%	\$515	\$937
	20214	MWRP EXPANSION PHASE II	0.3%	\$189	\$193
	21097	GIS SUPPORT APPLICATIONS 14/15	0.3%	\$180	\$283
	21131	HYDRAULIC MODELING 14/15 SEWER	0.3%	\$132	\$188
	21759	OPS BLDGS 54 AND 55 STORAGE FIRE REQTS IMPS	0.3%	\$116	\$143
	21170	SJM SLS UPGRADE	0.3%	\$30	\$52
	20468	FOOTHILL SEWER DIVERSION TO LAWRP	0.3%	\$12	\$32
	21147	LAWRP SYSTEM UPGRADES	0.3%	\$8	\$20
	20588	OCSO EQUITY 13/14	0.3%	\$0	\$0
				\$93,552	\$98,589
				\$153,670,614	\$164,401,941



Irvine Ranch Water District Potable Water System Improvement District

December 2013





Irvine Ranch Water District Sewer System Improvement District

December 2013

