

# CAPITAL BUDGET

**FISCAL YEAR 2013/14**

**Approved  
June 10, 2013**



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



# FISCAL YEAR 2013/14 CAPITAL BUDGET

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**IRVINE RANCH WATER DISTRICT**  
**2013 / 14 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	33,800	33,800	445,000	445,000	No	Pending
10423	1519	PA9 JEFFREY RD 12" ZONE 3 - IRVINE BLVD TO PORTOLA	997,100	1,031,200	1,755,600	1,854,200	No	Design
10446	1648	PA18 ZN 3-4 BPS	801,300	819,300	2,679,700	2,764,700	No	Planning
10489	1680	SCADA WATER SYSTEM REPLACEMENT	376,200	433,500	2,940,400	3,892,400	No	Construction
10508	1779	SCADA DRWF COMMUNICATIONS REPLACEMENT	12,300	18,900	157,300	170,900	No	Design
10517	1798	LAKE FOREST CONTROL AND TELEMETRY SYSTEMS UPGRAD	66,100	83,100	319,000	421,000	No	Construction
10556	1839	CPTS RESTORE AND INSTALL	11,000	15,800	221,700	357,700	No	Planning
10917	1664	NEWPORT COAST CATHODIC PROTECTION	225,100	242,300	1,852,400	2,006,300	No	Design
11055	1780	ENG PLANNING STUDY RESERVE 13/14	198,000	334,000	198,000	334,000	No	Pending
11096	1190	GIS SUPPORT APPLICATIONS 13/14	60,000	91,500	60,000	91,500	No	Pending
11116	1264	ASSET OPTIMIZATION - LAKE FOREST DEVELOPMENT	1,346,300	1,346,300	6,500,000	6,670,000	No	Planning
11129	1323	HYDRAULIC MODELING 13/14	44,000	61,000	44,000	61,000	No	Pending
11153	1371	HARDING TRUCK TRAIL RESERVOIR DEMOLITION	5,000	6,600	34,700	43,200	No	Construction
11163	1391	CROSS VALLEY CANAL CAPACITY PURCHASE (KERN COUNTY	86,700	90,100	656,300	681,800	No	Planning
11218	1417	BAKER WTP	16,468,200	16,816,900	80,010,000	82,050,000	No	Design
11289	2812	STRAND RANCH FACILITIES AND MONITORING PROGRAM	289,900	316,600	17,739,700	18,351,700	No	Planning
11325	1518	IDP WELLS,PIPELINES,TREATMENT PLNT IMPR DESIGN	144,400	195,400	1,580,400	1,758,900	No	Design
11339	1640	AUTOMATION SYSTEM IMPROVEMENTS DW	72,900	106,900	242,000	344,000	No	Design
11358	1800	DOMESTIC VAULT LID REHABILITATION	92,300	103,200	297,600	374,100	No	Construction
11368	1006	WATER BANKING EXPANSION	1,805,000	1,847,500	10,074,800	10,414,800	No	Planning
11379	1047	LEGACY PARK TUSTIN RANCH ROAD	64,400	68,000	990,900	1,075,600	No	Construction
11384	1095	HYDRAULIC MODEL UPDATE / CALIBRATION - DOMESTIC	253,900	313,800	467,500	578,000	No	Pending
11405	1250	OPA / REGIONAL GROUNDWATER PROJECT	4,338,900	4,553,100	7,407,800	7,953,300	No	Construction
11408	1279	OPA / REGIONAL TRANSMISSION MAIN	181,700	181,700	11,720,400	12,264,400	No	Construction
11416	1337	OPA RESERVOIR DEMOLITION	113,400	119,400	387,200	407,600	No	Design
11434	1414	SAND CANYON 16" DW PIPELINE ANODE REPLACEMENT	6,300	8,700	237,600	288,600	No	Design
11436	1427	DOMESTIC WATER PIPELINE REHABILITATION	138,300	180,800	183,700	251,700	No	Design
11455	1459	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	499,200	571,100	1,853,400	2,150,900	No	Construction
11469	1520	GREAT PARK COORDINATION AND SAMP UPDATE	47,500	72,000	99,000	150,000	No	Planning
11473	1540	WELL 106 REPLACEMENT DRILLING & SITE ACQUISITION	26,300	68,800	2,115,900	2,209,400	Yes	Design
11560	1181	LAKE FOREST DW OFFSITE IMPROVEMENTS	21,100	31,100	1,069,200	1,189,900	No	Planning
11562	1189	LAKE FOREST DW OPPORTUNITY AREAS	82,600	121,600	3,686,600	4,230,600	No	Planning
11577	1271	EAST IRVINE ZN 4 TO 6 BPS CHECK VALVE EVALUATION	72,700	95,600	106,700	140,700	No	Construction
11579	1282	RESIDENTIAL METER REPLACEMENT 13/14	294,100	316,200	294,100	316,200	No	Pending
11580	1277	1" TO 2" METER REPLACEMENT 13/14	91,700	114,500	91,700	114,500	No	Pending

\*\* "Pending" phase refers to projects not yet initiated.

**IRVINE RANCH WATER DISTRICT  
2013 / 14 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>
11581	1292	RAISE SYSTEM VALVES 13/14	170,500	179,000	170,500	179,000	No	Pending
11582	1285	GEN SYS MODS 13/14	135,300	172,700	135,300	172,700	No	Pending
11583	1300	CSR METER REPLACEMENT 13/14	203,500	212,000	203,500	212,000	No	Pending
11584	1295	SERVICE LINE, VALVE & MAIN REPLACEMENT 13/14	650,100	667,100	650,100	667,100	No	Pending
11596	1338	WATER BANKING AGREEMENTS	57,100	132,700	228,800	531,400	No	Planning
11598	1336	HQ LIGHTING RETROFIT & CEILING REPLACE	75,200	107,800	225,000	322,800	No	Planning
11603	1347	ASPHALT REPAIR PROGRAM - DW	20,100	22,800	60,000	68,200	No	Planning
11605	1346	PA 40 PHASE 2 DW FACILITIES	54,700	65,400	238,700	281,200	No	Construction
11615	3236	UTILITY BILLING ORACLE CC AND B IMPLEMENTATION	3,269,400	3,511,600	5,782,700	6,469,500	No	Design
11619	3566	ENTERPRISE ASSET MANAGEMENT SOFTWARE ASSESS/EVAL	382,200	382,200	2,426,600	3,574,100	No	Planning
11626	3716	WELL 51 REPLACEMENT	2,700	6,900	2,178,000	2,365,000	Yes	Planning
11627	3717	WELL 115 REPLACEMENT WELL/WELLHEAD & SITE ACQUIS.	2,943,200	3,091,600	4,178,200	4,509,700	Yes	Design
11631	3633	GROUNDWATER DISPOSAL SYSTEM CONCEPT STUDY	298,100	375,900	334,300	427,800	No	Planning
11637	3667	JACKSON RANCH SOLAR PROJECT	86,000	140,400	214,100	350,100	No	Planning
11641	3722	PA 18 SOUTH DW FACILITIES	201,300	320,300	1,685,300	1,889,300	No	Planning
11642	3723	PLANNING AND BUDGETING SOFTWARE REPLACEMENT	11,800	12,500	414,300	439,800	No	Planning
11645	3766	STOCKDALE WEST RANCH JOINT BANKING PROJECT	843,500	922,700	2,682,900	2,954,900	No	Planning
11655	3772	SKYLIGHT PROTECTION	35,100	41,500	138,600	164,100	No	Design
11656	3773	ENERGY EFFICIENCY PUMP REPLACEMENT - DW 13/14	110,000	118,500	110,000	118,500	No	Design
11657	3774	WELL MAINTENANCE AND REHABILITATION FY 13/14	165,000	165,000	165,000	165,000	No	Design
11660	3977	PA 51 TRABUCO RD, SR133 TO LY ST DW	81,900	99,000	156,200	207,200	No	Construction
11661	4000	BAKER RANCH PHASE 1 DW ZONE 3R & ZONE 2	317,700	368,700	612,700	757,200	No	Construction
11662	4004	BAKER RANCH PHASE 2 DW ZONE 3R & 2	321,300	372,300	630,300	791,800	No	Construction
11664	4094	PA 51 IRVINE BLVD DW FACILITIES	41,500	49,300	453,200	563,700	No	Construction
11665	4130	SJM BUILDING CAMPUS MOLD REMEDIATION	42,400	45,200	369,600	393,400	Yes	Construction
11667	4146	PORTOLA ZN 9 BPS PERMANENT GENERATOR	171,000	203,000	293,700	387,200	No	Design
11668	4153	PA 51 MARINE WAY DW ZONE 3	518,300	611,800	612,700	782,700	No	Planning
11669	4285	IDF CHLORINE INJECTION LINE REPLACEMENT	781,300	813,300	1,117,300	1,195,500	No	Design
11671	4261	PA 51 O ST, TRABUCO TO LN ST - DW	156,900	193,700	288,200	356,200	No	Design
11672	4327	WELL REHAB PROGRAM DW 13/14 THRU 15/16	471,900	520,800	2,097,900	2,315,500	No	Design
11673	4268	PA 51 O ST, MARINE WAY TO TRABUCO - DW	93,700	104,200	132,000	155,800	No	Design
11674	4270	2013 IRVINE ANNUAL STREET REHAB, DW ADJUSTMENTS	329,100	359,700	365,200	399,200	No	Construction
11675	4277	MANNING BPS PERMANENT GENERATOR	222,900	230,200	311,300	321,500	No	Construction
11677	4421	MECH & ELEC SYS MODS - DW 13/14	400,000	400,000	400,000	400,000	No	Pending
11682	4446	AUTOMATION SYSTEM REPLACEMENT DW 13/14	30,000	30,000	30,000	30,000	No	Construction

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11686	4287	EOCWD - IRWD JOINT WELL PLANNING REPORT	48,700	55,500	79,700	90,800	No	Planning
11687	4409	RMS AT 5 DOMESTIC WATER RESERVOIRS	6,000	15,500	2,501,200	2,679,700	No	Planning
11693	4326	DRWF #2 & #5 REHABILITATION	706,000	835,200	706,000	835,200	No	Design
11711	4394	PROJECT ACCOUNTING & MANAGEMENT IMPLEMENTATION	142,600	165,200	214,500	248,500	No	Design
11714	4366	TUSIN LEGACY-TUSTIN RANCH-BARRANCA & ARMSTRONG D	125,700	162,300	162,800	210,400	No	Design
15051	1402	WELLS 51/52/53 TREATMENT ALTERNATIVES STUDY	133,100	167,100	133,100	167,100	Yes	Planning
19420	1469	OCWD ANNEXATION	139,500	157,400	992,300	1,119,800	No	Planning
20113	1541	OCS D CORF 12/13	336,800	336,800	1,673,000	1,673,000	No	Construction
20114	1543	OCS D CORF 13/14	1,499,200	1,499,200	1,877,000	1,877,000	No	Construction
20190	1590	LAKE FOREST SEWER MUIRLANDS, EL TORO TO LAWRP	3,000	7,500	2,913,900	3,066,900	No	Pending
20214	1599	MWRP EXPANSION PHASE II	44,900	49,500	68,980,600	71,570,900	No	Construction
20224	1600	PORTOLA HILLS SLS ABANDONMENT AND GRAVITY SEWER	323,000	340,600	1,874,400	2,103,900	No	Construction
20410	1665	NEWPORT COAST CATHODIC PROTECTION	75,700	80,800	617,200	661,500	No	Design
20468	1060	FOOTHILL SEWER DIVERSION TO LAWRP	7,800	10,800	854,700	990,700	No	Planning
20540	1136	LONG TERM SEWER SYSTEM FLOW MONITORING	12,500	15,700	330,000	415,000	No	Planning
20587	1495	OCS D EQUITY 12/13	100	100	100	100	No	Construction
20588	1504	OCS D EQUITY 13/14	100	100	100	100	No	Construction
20811	1400	OCS D SOLIDS HANDLING 13/14	1,264,000	1,264,000	1,264,000	1,264,000	No	Construction
20848	1629	DISTRICT WIDE SEWER REHAB BY LINING PHASE 2	24,600	37,200	749,100	868,100	No	Design
20913	4437	MWRP GEN SYS MODS 13/14	264,000	264,000	264,000	264,000	No	Construction
20918	4434	MWRP ANOXIC MIXER REPLACEMENT 13/14	19,500	19,500	19,500	19,500	No	Pending
20946	4572	RAISE MANHOLES TO GRADE 13/14	165,000	165,000	165,000	165,000	No	Pending
20958	4574	SEWER GEN SYS MODS 13/14	275,000	275,000	275,000	275,000	No	Pending
20974	4416	LAWRP AERATOR REPLACEMENT 13/14	60,000	60,000	60,000	60,000	No	Pending
21009	4419	LAWRP GENERAL SYSTEM MODIFICATIONS 13/14	210,000	210,000	210,000	210,000	No	Construction
21052	4573	CHIQUITA GENERAL SYSTEM MODIFICATIONS 13/14	44,000	44,000	44,000	44,000	No	Construction
21055	1350	ENG PLANNING STUDY RESERVE 13/14	171,600	300,800	171,600	300,800	No	Pending
21071	1477	LAWRP BIOSOLIDS FACILITY	363,500	432,200	3,974,400	4,246,400	No	Planning
21072	1490	MWRP BACKWASH SUPPLY PUMP REPLACEMENT	131,900	131,900	396,000	396,000	No	Pending
21075	1534	MWRP MPS-3 PUMP REPLACEMENT	84,900	84,900	255,000	255,000	No	Pending
21096	1691	GIS SUPPORT APPLICATIONS 13/14	60,000	91,500	60,000	91,500	No	Pending
21119	3750	SOCWA CROSSING PROTECTION	50,000	50,000	100,000	100,000	No	Planning
21125	3844	PA 9B SEWER IMPROVEMENTS	1,000	1,000	238,700	281,200	No	Construction
21129	1734	HYDRAULIC MODELING 13/14	44,000	61,000	44,000	61,000	No	Pending
21133	4157	UNIVERSITY LS ODOR CONTROL SYSTEM	254,600	277,400	431,200	490,700	No	Design

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21134	4256	MANHOLE CONST MAIN AND SKY PARK SOUTH	48,600	60,600	238,700	298,200	No	Design
21139	4266	PA 51 REACH B SEWER, OCTA R/W TO LV ST	2,049,100	2,296,700	2,588,300	2,953,800	No	Design
21141	4267	PA 51 O ST, MARINE WAY TO TRABUCO - SEWER	120,100	142,500	162,800	210,400	No	Design
21142	4467	MWRP SECONDARY REPAIR AND REHABILITATION	761,500	888,700	1,522,600	1,701,100	No	Design
21144	4431	MECH & ELEC SYS MODS - SEWER 13/14	350,000	350,000	350,000	350,000	No	Planning
21145	4455	LAWRP SCADA SERVER REPLACEMENT	14,900	18,500	104,500	130,000	No	Pending
21146	4286	MWRP BIOSOLIDS AND ENERGY RECOVERY FACILITIES	40,804,000	42,207,000	196,465,500	201,735,500	No	Construction
21147	4397	LAWRP SYSTEM UPGRADES	112,900	168,100	651,000	736,000	No	
21339	1016	AUTOMATION SYSTEM IMPROVEMENTS SEWER	40,000	51,300	143,000	177,000	No	Design
21358	1030	SEWER VAULT LID REHABILITATION	121,200	146,700	160,100	211,100	No	Design
21379	1066	LEGACY PARK TUSTIN RANCH ROAD	71,300	74,900	1,090,400	1,173,200	No	Construction
21436	1129	SEWER PIPELINE REHABILITATION	233,200	275,700	293,700	385,000	No	Design
21455	1152	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	196,000	213,900	852,500	963,000	No	Construction
21469	1167	GREAT PARK COORDINATION AND SAMP UPDATE	47,500	72,000	99,000	150,000	No	Planning
21560	1436	LAKE FOREST WW OFFSITE IMPROVEMENTS	89,500	130,900	4,051,000	4,625,600	No	Planning
21562	1445	LAKE FOREST WW OPPORTUNITY AREAS	36,700	53,800	1,647,800	1,882,400	No	Planning
21584	1491	SERVICE LINE & MAIN REPLACEMENT 13/14	200,200	217,200	200,200	217,200	No	Pending
21598	1549	HQ LIGHTING RETROFIT & CEILING REPLACE	75,200	107,800	225,000	322,800	No	Planning
21615	3237	UTILITY BILLING ORACLE CC AND B IMPLEMENTATION	3,269,400	3,511,600	5,782,700	6,469,500	No	Design
21619	3567	ENTERPRISE ASSET MANAGEMENT SOFTWARE ASSESS/EVAL	382,200	382,200	2,426,600	3,574,100	No	Planning
21642	3727	PLANNING AND BUDGETING SOFTWARE REPLACEMENT	18,200	18,900	638,000	663,500	No	Planning
21655	3777	SKYLIGHT PROTECTION	35,100	41,500	138,600	164,100	No	Design
21660	3980	PA 51 TRABUCO RD, SR133 TO LY ST SEWER	89,400	106,500	161,700	212,700	No	Construction
21664	4095	PA 51 IRVINE BLVD SS FACILITIES	14,800	17,700	171,600	220,900	No	Construction
21671	4263	PA 51 O ST, TRABUCO TO LN ST - SS	175,100	205,000	233,200	292,700	No	Design
21674	4271	2013 IRVINE ANNUAL STREET REHAB, SEWER ADJUSTMENTS	179,500	194,800	199,100	216,100	No	Construction
21682	4452	AUTOMATION SYSTEM REPLACEMENT SEWER 13/14	10,000	10,000	10,000	10,000	No	Construction
21711	4395	PROJECT ACCOUNTING & MANAGEMENT IMPLEMENTATION	142,600	165,200	214,500	248,500	No	Design
21714	4367	TUSIN LEGACY-TUSTIN RANCH-BARRANCA & ARMSTRONG S	125,700	162,300	162,800	210,400	No	Design
30144	1683	PA 5B RW PIPELINES	105,500	165,000	755,200	874,200	No	Design
30214	1706	MWRP EXPANSION PHASE II	33,600	38,400	45,652,700	46,833,700	No	Construction
30331	1813	IRVINE LAKE SEISMIC STABILITY STUDY	27,400	38,200	150,700	210,200	No	Planning
30342	1776	LAWRP SYSTEM UPGRADES	120,800	180,300	893,700	978,700	No	Design
30364	1011	1" TO 2" METER REPLACEMENT 13/14	120,500	133,300	120,500	133,300	No	Pending
30374	3729	SYPHON RESERVOIR INTERIM IMPROVEMENTS	187,800	196,300	2,417,200	2,587,200	No	Design

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30380	3779	SALT MANAGEMENT PLAN DEVELOPMENT	110,100	131,400	220,000	262,500	No	Planning
30381	3780	SAN JOAQUIN RESERVOIR LINER REPLACEMENT	75,100	117,600	2,500,000	2,585,000	No	Design
30382	3808	SYPHON RESERVOIR EXPANSION	2,400	4,100	59,948,800	60,713,800	No	Planning
30386	4097	PA 51 RIDGE VALLEY RW FACILITIES	39,200	47,000	431,200	541,700	No	Construction
30388	4147	PA 51 MARINE WAY RW ZONE B	314,800	374,300	376,200	486,700	No	Planning
30389	4176	PA9 JEFFREY RD PIPELINES, 16" ZONE B AND 6" ZONE C	424,100	452,500	777,700	854,200	No	Construction
30390	4228	PA 9B RW AND SYPHON LATERAL PIPELINE, PHASE 3	131,300	141,500	854,700	948,200	No	Construction
30391	4408	LAWRP TERTIARY FACILITY REPAIR AND RECOATING	162,800	196,500	201,300	252,300	No	Design
30392	4398	PEREZ RESERVOIR DEMOLITION	192,500	218,000	192,500	218,000	No	Design
30393	4265	PA 51 REACH B RW, OCTA R/W TO LV ST	715,500	792,100	887,700	1,032,200	No	Design
30394	4278	PA 51 O ST, MARINE WAY TO TRABUCO - RW	88,700	114,500	162,800	210,400	No	Design
30395	4424	MECH & ELEC SYS MODS - RW 13/14	350,000	350,000	350,000	350,000	No	Pending
30396	4466	RW SITE INSPECTION & TESTING COMPUTER PROGRAM	49,500	66,500	49,500	66,500	No	Design
30398	4465	RW CONVERSION GRANTS FOR ON-SITE 13/14	250,000	301,000	250,000	301,000	No	Planning
30399	4464	RW CONVERSION FOR OFF-SITE 13/14	145,800	188,300	145,800	188,300	No	Construction
30400	4463	HEALTH DEPT FEES FOR 13/14	84,700	103,400	84,700	103,400	No	Construction
30402	4328	WELL REHAB PROGRAM RW 13/14 THRU 15/16	231,700	265,600	1,029,000	1,180,300	No	Planning
30408	4388	MULTI-ZONE REGIONAL PS - ZONE A TO SYPHON	25,400	38,000	2,989,500	3,261,500	No	Design
30409	4457	MULTI-ZONE REGIONAL PS - ZONE B	22,800	35,400	2,532,700	2,770,700	No	Design
30410	4400	MULTI-ZONE REGIONAL PS - ZONE C	29,500	42,100	3,624,700	3,896,700	No	Design
30412	4456	SYPHON RESERVOIR EXPANSION - ENV. DOCUMENTATION	7,500	8,100	198,000	215,000	No	Planning
30415	4396	CATHODIC PROTECTION FOR GAP PIPE SEGMENT	121,000	138,000	121,000	138,000	No	Design
30416	4318	PA 40 PHASE 3B RW CAPITAL FACILITIES	125,500	143,000	165,000	197,300	No	Construction
30422	1024	PA9 JEFFREY RD PIPELINES, 36" ZNA, 36" SYPHON	1,563,200	1,625,700	2,729,100	2,912,700	No	Design
30423	4530	TUSTIN ZONE C STRAINER REPLACEMENT	390,500	450,000	390,500	450,000	No	Design
30446	1063	PA18 ZN B-C BPS	526,600	544,600	1,813,500	1,898,500	No	Design
30489	1090	SCADA WATER SYSTEM REPLACEMENT	216,800	235,900	1,479,900	1,801,200	No	Construction
30517	1096	LAKE FOREST CONTROL AND TELEMETRY SYSTEMS UPGRAD	35,900	62,100	168,300	287,300	No	Construction
30556	1132	CPTS RESTORE AND INSTALL	7,100	10,700	177,700	279,700	No	Planning
30797	1308	PA6 RW PIPELINES	189,500	201,700	857,000	927,600	No	Design
30917	1474	NEWPORT COAST CATHODIC PROTECTION	300,500	324,100	2,461,400	2,666,400	No	Design
31055	1575	ENG PLANNING STUDY RESERVE 13/14	176,000	278,000	176,000	278,000	No	Pending
31096	1795	GIS SUPPORT APPLICATIONS 13/14	60,000	91,500	60,000	91,500	No	Pending
31129	1736	HYDRAULIC MODELING 13/14	44,000	61,000	44,000	61,000	No	Pending
31339	1054	AUTOMATION SYSTEM IMPROVEMENTS RW	72,900	106,900	242,000	344,000	No	Design

\*\* "Pending" phase refers to projects not yet initiated.

**IRVINE RANCH WATER DISTRICT**  
**2013 / 14 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>
31358	1065	RECYCLED VAULT LID REHABILITATION	111,100	122,000	297,600	348,600	No	Design
31379	3435	LEGACY PARK TUSTIN RANCH ROAD	78,600	83,400	1,210,700	1,321,200	No	Construction
31384	1106	HYDRAULIC MODEL UPDATE / CALIBRATION - NONPOTABLE	350,500	433,300	467,500	578,000	No	Pending
31436	1161	RECYCLED WATER PIPELINE REHABILITATION	138,300	180,800	183,700	251,700	No	Design
31562	1517	LAKE FOREST RW OPPORTUNITY AREAS	69,900	102,800	3,135,500	3,584,300	No	Planning
31581	1415	RAISE SYSTEM VALVES 13/14	170,500	179,000	170,500	179,000	No	Pending
31582	1406	GEN SYS MODS 13/14	58,300	78,700	58,300	78,700	No	Pending
31583	1357	CSR METER REPLACEMENT 13/14	51,700	55,100	51,700	55,100	No	Pending
31584	1333	SERVICE LINE, VALVE & MAIN REPLACEMENT 13/14	206,800	223,800	206,800	223,800	No	Pending
31598	1257	HQ LIGHTING RETROFIT & CEILING REPLACE	16,900	25,700	50,000	76,400	No	Planning
31603	1248	ASPHALT REPAIR PROGRAM - RW	20,200	24,400	60,000	72,600	No	Planning
31605	1229	PA 40 PHASE 2 RW FACILITIES	155,000	168,600	841,500	909,500	No	Construction
31641	3736	PA 18 SOUTH RW FACILITIES	170,100	272,100	1,444,800	1,648,800	No	Planning
31655	3783	SKYLIGHT PROTECTION	35,100	41,500	138,600	164,100	No	Design
31656	3784	ENERGY EFFICIENCY PUMP REPLACEMENT - RW 13/14	55,000	63,500	55,000	63,500	No	Design
31660	3983	PA 51 TRABUCO RD, SR133 TO LY ST RW	280,800	326,300	480,700	591,200	No	Construction
31661	4001	BAKER RANCH PHASE 1 RW ZONE B & C	156,000	181,500	304,700	381,200	No	Construction
31662	4005	BAKER RANCH PHASE 2 RW ZONE B & C	129,700	155,200	260,700	337,200	No	Construction
31664	4096	PA 51 IRVINE BLVD RW FACILITIES	25,400	29,200	276,100	333,900	No	Construction
31671	4264	PA 51 O ST, TRABUCO TO LN ST - RW	52,500	64,500	73,700	97,500	No	Design
31674	4272	2013 IRVINE ANNUAL STREET REHAB, RW ADJUSTMENTS	12,900	15,900	14,300	17,700	No	Construction
31682	4449	AUTOMATION SYSTEM REPLACEMENT RW 13/14	15,000	15,000	15,000	15,000	No	Construction
31714	4368	TUSIN LEGACY-TUSTIN RANCH-BARRANCA & ARMSTRONG R	123,900	160,500	160,600	208,200	No	Planning
<b>Grand Total:</b>			<b>\$110,331,300</b>	<b>\$117,836,200</b>	<b>\$650,869,700</b>	<b>\$684,861,400</b>		

\*\* "Pending" phase refers to projects not yet initiated.

**IRVINE RANCH WATER DISTRICT**

**2013 / 14 Capital Budget**

**Flagged Projects**

<u>Project</u>	<u>Project Title</u>
1540	WELL 106 REPLACEMENT DRILLING & SITE ACQUISITION
3716	WELL 51 REPLACEMENT
3717	WELL 115 REPLACEMENT WELL/WELLHEAD & SITE ACQUIS.
4130	SJM BUILDING CAMPUS MOLD REMEDIATION
1402	WELLS 51/52/53 TREATMENT ALTERNATIVES STUDY



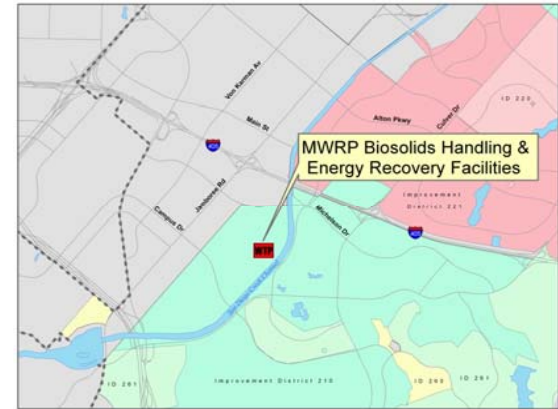
**IRVINE RANCH WATER DISTRICT  
FY 2013/14 Capital Budget  
Top Ten Project Groups**

<b>Order</b>	<b>Name of Group</b>	<b>FY 13/14 Amount (\$ Millions)</b>	<b>Expended to Date (\$ Millions)</b>	<b>Projected Future Expenditure (\$ Millions)</b>	<b>Project Total (\$ Millions)</b>
1	MWRP Biosolids & Energy Recovery Facility	40.8	13.7	157.4	211.9
2	Baker Water Treatment Plant	16.5	6.0	57.5	80.0
3	Replacement - Business Software	7.3	2.4	7.7	17.5
4	Planning Area 30/51 (Great Park Neighborhoods)	5.0	0.02	2.9	7.8
5	OPA/Regional Groundwater Project	4.5	13.8	0.8	19.1
6	Water Banking	3.1	21.8	6.5	31.4
7	Well 115 Replacement Project	2.9	0.2	1.0	4.2
8	Syphon Reservoir	1.8	7.3	63.3	72.3
9	Planning Area 18 (Laguna Altura)	1.7	0.3	5.6	7.6
10	Planning Area 9B (Stonegate)	1.6	0.2	1.8	3.6
	<b>Subtotal</b>	<b>\$85.1</b>	<b>\$65.9</b>	<b>\$304.5</b>	<b>\$455.5</b>
	<b>Total All Projects</b>	<b>\$110.3</b>			

**Irvine Ranch Water District  
Capital Improvement Project  
Fiscal Year 2013/14**

**Project Group Name: MWRP Biosolids and Energy Recovery Facilities**

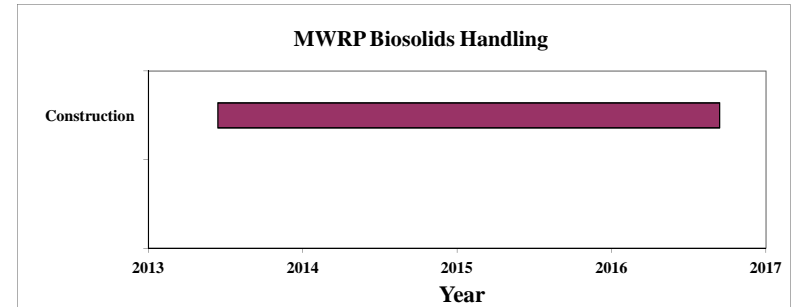
The project includes the construction of facilities for sludgethickening, acid-phase anaerobic digestion, dewatering, drying and pelletization, energy generation using micro-turbines, and use of pellets as a fertilizer or e-fuel. It will also include a solids receiving station to allow processing of 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 2013/14 Key Milestones:**

Continue MWRP Biosolids and Energy Recovery Facilities Construction

**Date**  
Aug-16



**Project Group Budget, Source of Funds, and Offset Summary**

	New Capital	Replacement	Enhancement	Total	Comments
<b>Total Budget</b>	\$ 92,013,300	\$ 89,391,803	\$ 30,519,598	\$ 211,924,700	
Existing Offsets	\$ -	\$ -	\$ -	\$ -	
Potential Future Offsets	\$ -	\$ -	\$ -	\$ -	
<b>Net Amounts</b>	\$ 92,013,300	\$ 89,391,803	\$ 30,519,598	\$ 211,924,700	

**Irvine Ranch Water District  
Capital Improvement Project  
Fiscal Year 2013/14**

Oracle No.	Project	Proj Total Dir	FY13-14 Dir	Projected Future Expenditure	Expended to Date	Stage
1617	MWRP BIOSOLIDS & ENERGY RECOVERY FACILITY	\$ 15,459,200	\$ -	\$ -	\$ 13,726,646	Design
4286	MWRP BIOSOLIDS AND ENERGY RECOVERY FACILITIES	\$ 196,465,500	\$ 40,804,000	\$ 155,661,500	\$ -	Construction
<b>TOTAL</b>		<b>\$ 211,924,700</b>	<b>\$ 40,804,000</b>	<b>\$ 155,661,500</b>	<b>\$ 13,726,646</b>	

**Project Status**

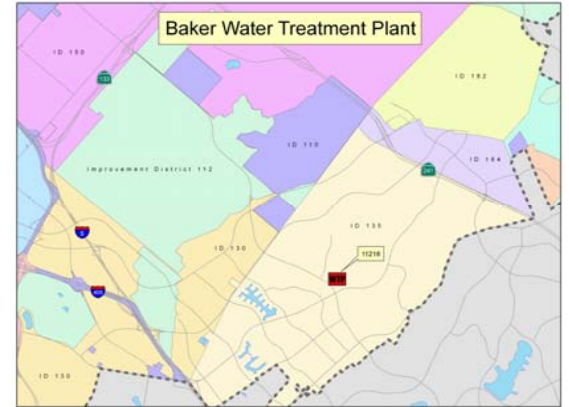
In March, 2013, the Board of Directors awarded the construction contract to Filance Balfour Beatty Joint Venture. Construction is scheduled to begin in May, 2013 with the MWRP Biosolids Facilities in operation by August 2016.

**Irvine Ranch Water District  
Capital Improvement Project  
Fiscal Year 2013/14**

**Project Group Name: Baker Water Treatment Plant**

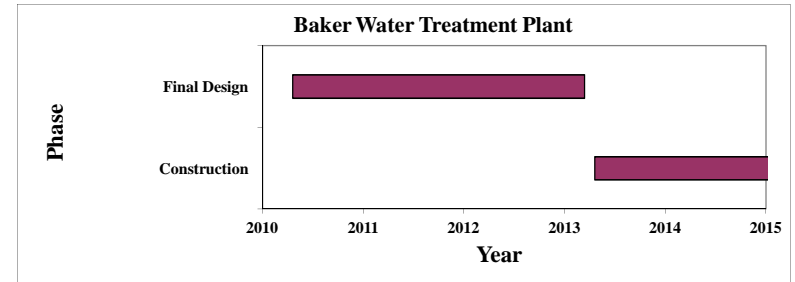
**Project Description**

The Baker Water Treatment Plant 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 2013/14 Key Milestones:**

	<b>Date</b>
Design complete	May 30, 2013
Advertise for bidding (WTP)	June 10, 2013
Advertise for bidding (Raw Water Pump Station)	July 2, 2013
Bid opening (WTP and Raw Water Pump Station)	July 31, 2013
Construction Award (WTP and Raw Water Pump Station)	October 29, 2013
Construction complete (WTP)	January 27, 2016
Construction complete (Raw Water Pump Station)	December 28, 2014



**Project Group Budget, Source of Funds, and Offset Summary**

	New Capital	Replacement	Enhancement	Total	Comments
<b>Total Budget</b>	\$ 80,010,000	\$ -	\$ -	\$ 80,010,000	
<b>Existing Offsets</b>	\$ (64,019,800)	\$ -	\$ -	\$ (64,019,800)	
<b>Potential Future Offsets</b>	\$ -	\$ -	\$ -	\$ -	
<b>Net Amounts</b>	\$ 15,990,200	\$ -	\$ -	\$ 15,990,200	



**Irvine Ranch Water District  
Capital Improvement Project  
Fiscal Year 2013/14**

Oracle No.	Project	Proj Total Dir	FY13-14 Dir	Projected Future Expenditure	Expended to Date	Stage
1417	BAKER WTP	\$ 80,010,000	\$ 16,468,200	\$ 57,520,903	\$ 6,020,897	Design
<b>TOTAL</b>		<b>\$ 80,010,000</b>	<b>\$ 16,468,200</b>	<b>\$ 57,520,903</b>	<b>\$ 6,020,897</b>	

**Project Status**

The final design of the project is substantially complete, including on-site residuals handling facilities added to the project in 2012. Staff is working with the design consultants to finalize the contract documents for advertisement of the water treatment plant facilities in June 2013 and the raw water conveyance facilities in July 2013. Recommendation for award of both contracts is anticipated to occur in October 2013.

**Irvine Ranch Water District  
Capital Improvement Project  
Fiscal Year 2013/14**

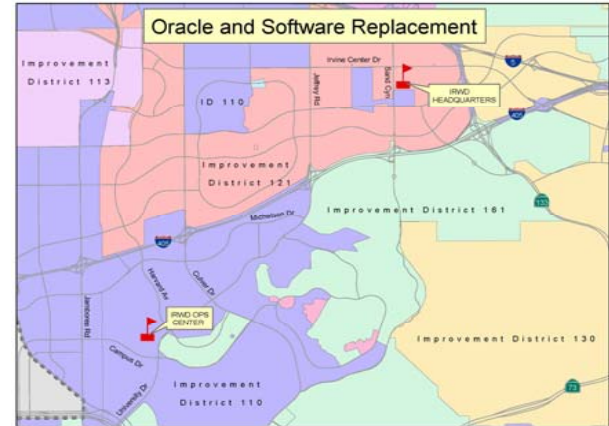
**Project Group Name: Business Software Replacement**

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's outdated architecture limit's the District's ability to support and maintain the legacy system into the future.
- Implementaion 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 system 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 implmenetaion is completed.

The Budgeting and Planning software replacement will focus on the requirements phase and is

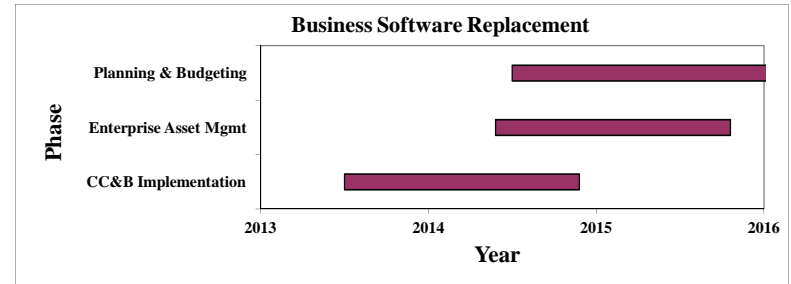


**FY 2013/14 Key Milestones**

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 Planning & Budgeting Implementation  
 Planning & Budgeting Completion

**Date**

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



**Project Group Budget, Source of Funds, and Offset Summary**

	New Capital	Replacement	Enhancement	Total	Comments
<b>Total Budget</b>	\$ -	\$ 17,470,900	\$ -	\$ 17,470,900	
Existing Offsets	\$ -	\$ -	\$ -	\$ -	
Potential Future Offsets	\$ -	\$ -	\$ -	\$ -	
<b>Net Amounts</b>	\$ -	\$ 17,470,900	\$ -	\$ 17,470,900	

**Irvine Ranch Water District  
Capital Improvement Project  
Fiscal Year 2013/14**

Oracle No.	Project	Proj Total Dir	FY13-14 Dir	Projected Future Expenditure	Expended to Date	Stage
3236	UTILITY BILLING ORACLE CC AND B IMPLEMENTATION	\$ 5,782,700	\$ 3,269,400	\$ 1,287,906	\$ 1,225,394	Design
3237	UTILITY BILLING ORACLE CC AND B IMPLEMENTATION	\$ 5,782,700	\$ 3,269,400	\$ 1,472,907	\$ 1,040,393	Design
3566	ENTERPRISE ASSET MANAGEMENT SOFTWARE ASSESS/EVAL	\$ 2,426,600	\$ 382,200	\$ 1,934,956	\$ 109,444	Design
3567	ENTERPRISE ASSET MANAGEMENT SOFTWARE ASSESS/EVAL	\$ 2,426,600	\$ 382,200	\$ 2,002,408	\$ 41,992	Design
3727	PLANNING AND BUDGETING SOFTWARE REPLACEMENT	\$ 638,000	\$ 18,200	\$ 619,800	\$ -	Design
3723	PLANNING AND BUDGETING SOFTWARE REPLACEMENT	\$ 414,300	\$ 11,800	\$ 402,500	\$ -	Design
<b>TOTAL</b>		<b>\$ 17,470,900</b>	<b>\$ 7,333,200</b>	<b>\$ 7,720,477</b>	<b>\$ 2,417,223</b>	

**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-implmentation phase with an anticipated completion date of approximately December 2015.

The Budgeting and Planning software replacement implementation is currently scheduled to start in late June 2014 with an anticipated completion date of approximately December 2015.

**Irvine Ranch Water District  
Capital Improvement Project  
Fiscal Year 2013/14**

**Project Group Name: Planning Areas 30 and 51 Development**

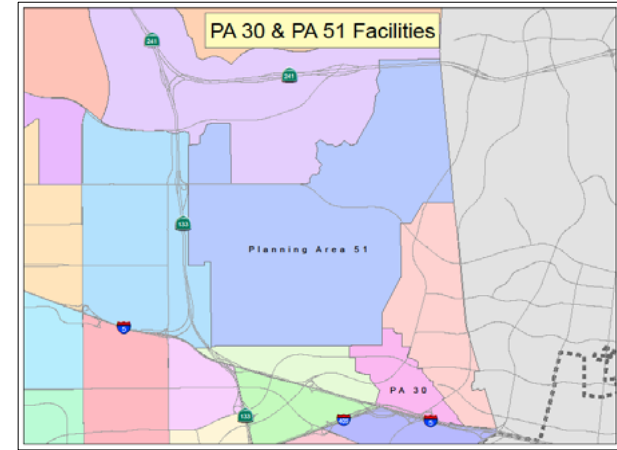
**Project Description**

The Fiscal Year 2013/14 development activities for the Planning Areas 30 and 51 include the infrastructure required to support the Great Park Neighborhoods "District 8" area. The primary capital facilities planned for this year include:

Reach B Sewer and Zone C Recycled Water: 5,600 lineal feet of 12-inch to 18-inch sewer and 5,100 lineal feet of 12-inch recycled water pipeline from the OCTA R/W to "LV" Street.

Trabuco Road: 800 lineal feet of 12-inch domestic water pipeline, 800 lineal feet of 12-inch and 18-inch sewer, and 4,000 lineal feet of 6-inch to 12-inch recycled water pipeline from the State Route 133 to "LY" Street.

O Street: 12-inch domestic water pipeline, 12-inch sewer, and 6-inch to 12-inch recycled water pipeline from "LN" Street to Marine Way.

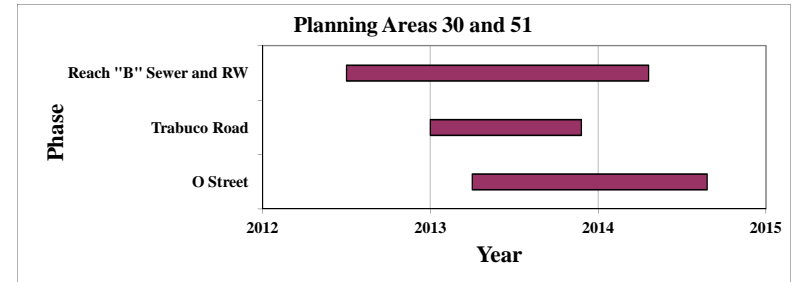


**FY 2013/14 Key Milestones**

Reach "B" Sewer and Recycled Water  
Trabuco Road  
O Street

**Date**

Mar-14  
Oct-13  
Aug-14



**Project Group Budget, Source of Funds, and Offset Summary**

	New Capital	Replacement	Enhancement	Total	Comments
<b>Total Budget</b>	\$ 7,846,300	\$ -	\$ -	\$ 7,846,300	
Existing Offsets	\$ -	\$ -	\$ -	\$ -	
Potential Future Offsets	\$ -	\$ -	\$ -	\$ -	
<b>Net Amounts</b>	\$ 7,846,300	\$ -	\$ -	\$ 7,846,300	

**Irvine Ranch Water District  
Capital Improvement Project  
Fiscal Year 2013/14**

Oracle No.	Project	Proj Total Dir	FY13-14 Dir	Projected Future Expenditure	Expended to Date	Stage
4266	PA 51 REACH B SEWER, OCTA R/W TO LV ST	\$ 2,588,300	\$ 2,049,100	\$ 539,200	\$ -	Design
4153	PA 51 MARINE WAY DW ZONE 3	\$ 612,700	\$ 518,300	\$ 94,400	\$ -	Design
4265	PA 51 RW ZN C, OCTA R/W TO LV ST	\$ 887,700	\$ 715,500	\$ 172,200	\$ -	Design
4147	PA 51 MARINE WAY RW ZONE B	\$ 376,200	\$ 314,800	\$ 61,400	\$ -	Design
3983	PA 51 TRABUCO RD, SR133 TO LY ST RW	\$ 480,700	\$ 280,800	\$ 199,900	\$ -	Design
4263	PA 51 O ST, TRABUCO TO LN ST - SS	\$ 233,200	\$ 175,100	\$ 58,100	\$ -	Design
4261	PA 51 O ST, TRABUCO TO LN ST - DW	\$ 288,200	\$ 156,900	\$ 131,300	\$ -	Design
4267	PA 51 O ST, MARINE WAY TO TRABUCO - SEWER	\$ 162,800	\$ 120,100	\$ 42,700	\$ -	Design
4268	PA 51 O ST, MARINE WAY TO TRABUCO - DW	\$ 132,000	\$ 93,700	\$ 38,300	\$ -	Design
3980	TRABUCO RD, SR133 TO LY ST SEWER	\$ 161,700	\$ 89,400	\$ 72,300	\$ -	Design
4278	PA 51 O ST, MARINE WAY TO TRABUCO - RW	\$ 162,800	\$ 88,700	\$ 74,100	\$ -	Design
3977	PA 51 TRABUCO RD, SR133 TO LY ST DW	\$ 156,200	\$ 81,900	\$ 74,300	\$ -	Design
4264	PA 51 O ST, TRABUCO TO LN ST - RW	\$ 73,700	\$ 52,500	\$ 21,200	\$ -	Design
1167	GREAT PARK COORDINATION AND SAMP UPDATE	\$ 99,000	\$ 47,500	\$ 51,500	\$ -	Design
1520	GREAT PARK COORDINATION AND SAMP UPDATE	\$ 99,000	\$ 47,500	\$ 51,500	\$ -	Design
4094	PA 51 IRVINE BLVD DW FACILITIES	\$ 453,200	\$ 41,500	\$ 398,789	\$ 12,911	Design
4097	PA 51 RIDGE VALLEY RW FACILITIES	\$ 431,200	\$ 39,200	\$ 385,790	\$ 6,210	Design
4096	PA 51 IRVINE BLVD RW FACILITIES	\$ 276,100	\$ 25,400	\$ 249,185	\$ 1,515	Design
4095	PA 51 IRVINE BLVD SS FACILITIES	\$ 171,600	\$ 14,800	\$ 155,161	\$ 1,639	Design
<b>TOTAL</b>		<b>\$ 7,846,300</b>	<b>\$ 4,952,700</b>	<b>\$ 2,871,325</b>	<b>\$ 22,275</b>	

**Project Status**

Construction of Ridge Valley and Irvine Boulevard Facilities is scheduled to be completed in Summer 2013. Construction of the Reach B Sewer and Recycled Water Facilities is scheduled to be completed in March 2014. Construction of Trabuco Road facilities is scheduled to be completed in October 2013. Construction of O Street improvements is scheduled to be completed in August 2014.

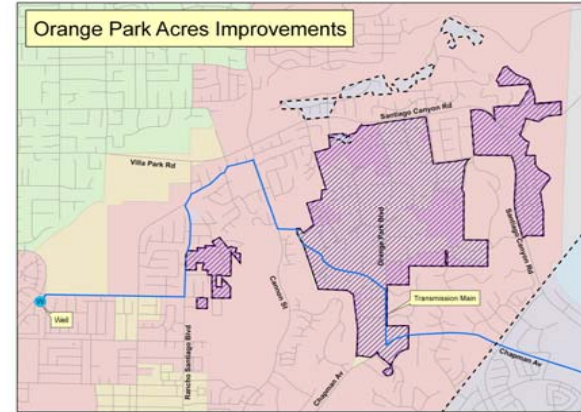
**Irvine Ranch Water District  
Capital Improvement Project  
Fiscal Year 2013/14**

**Project Group Name: OPA / Regional Water Projects**

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

Approximately 21,000 feet of 20-inch, 16-inch, 8-inch, and 6-inch water pipeline was completed during the FY 12/13 from the existing OPA Well at Bond and Gravier Street to the ultimate connection at the existing IRWD Zone 5 system at Chapman and Jamboree.

After OPA Well No. 3 was destroyed in 2012, a new well, OPA Well No. 1, was drilled on the same site. During the 2013/14 fiscal year, the wellhead equipping and disinfection facility design will be completed and construction will commence. 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.

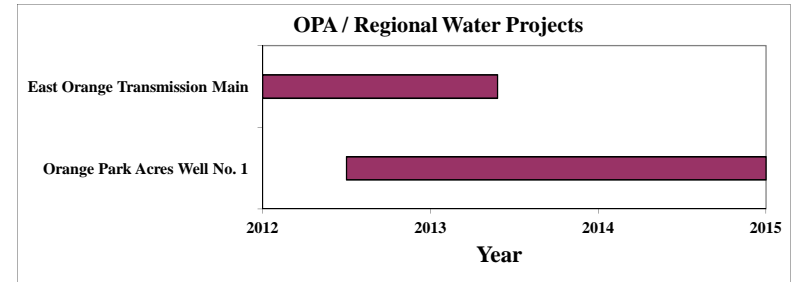


**FY 2013/14 Key Milestones**

- 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
<b>Total Budget</b>	\$ 19,128,200	\$ -	\$ -	\$ 19,128,200	
Existing Offsets	\$ -	\$ -	\$ -	\$ -	
Potential Future Offsets	\$ -	\$ -	\$ -	\$ -	
<b>Net Amounts</b>	\$ 19,128,200	\$ -	\$ -	\$ 19,128,200	

**Irvine Ranch Water District  
Capital Improvement Project  
Fiscal Year 2013/14**

Oracle No.	Project	Proj Total Dir	FY13-14 Dir	Projected Future Expenditure	Expended to Date	Stage
1250	OPA / REGIONAL GROUNDWATER PROJECT	\$ 7,407,800	\$ 4,338,900	\$ 881,117	\$ 2,187,783	Design
1279	OPA / REGIONAL TRANSMISSION MAIN	\$ 11,720,400	\$ 77,760	\$ -	\$ 11,642,640	Design
<b>TOTAL</b>		<b>\$ 19,128,200</b>	<b>\$ 4,416,660</b>	<b>\$ 881,117</b>	<b>\$ 13,830,423</b>	

**Project Status**

The Orange Park Acres Project consists of multiple construction contracts. The transmission main portion of the project is complete. The Orange Park Acres Well No. 1 drilling contract is also complete. The wellhead equipping and disinfection facility design is anticipated to be completed in July 2013 and constructed by January 2015.

**Irvine Ranch Water District  
Capital Improvement Project  
Fiscal Year 2013/14**

**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:

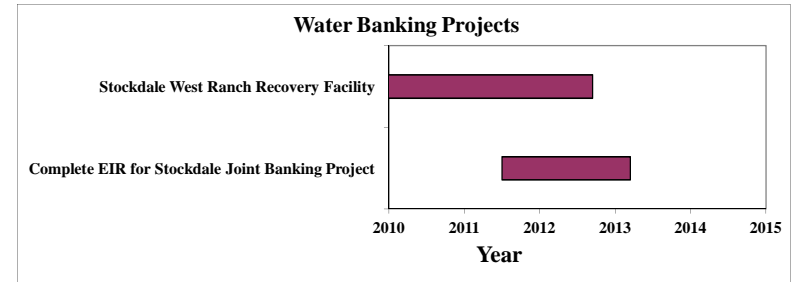
- Interim Strand Ranch Recharge Project** - 125 acres of recharge facilities
- Strand Ranch Integrated Banking Project** - 502 acres of recharge facilities, 50,000 af of storage, and 36 cfs of recovery capacity
- Strand Ranch - Cross Valley Canal Turnout Construction** - Two 100 cfs turnouts
- Cross 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 and



**FY 2013/14 Key Milestones**

- Design
- Construction

- Date**
- Feb-13
- May-13
- Dec-14



**Project Group Budget, Source of Funds, and Offset Summary**

	<b>New Capital</b>	<b>Replacement</b>	<b>Enhancement</b>	<b>Total</b>	<b>Comments</b>
<b>Total Budget</b>	\$ 31,382,500	\$ -	\$ -	\$ 31,382,500	
<b>Existing Offsets</b>	\$ -	\$ -	\$ -	\$ -	
<b>Potential Future Offsets</b>	\$ -	\$ -	\$ -	\$ -	
<b>Net Amounts</b>	\$ 31,382,500	\$ -	\$ -	\$ 31,382,500	



**Irvine Ranch Water District  
Capital Improvement Project  
Fiscal Year 2013/14**

Oracle No.	Project	Proj Total Dir	FY13-14 Dir	Projected Future Expenditure	Expended to Date	Stage
1006	WATER BANKING EXPANSION	\$ 10,074,800	\$ 1,805,000	\$ 1,316,562	\$ 6,953,238	Design
2812	STRAND RANCH FACILITIES AND MONITORING PROGRAM	\$ 17,739,700	\$ 289,900	\$ 3,273,758	\$ 14,176,042	Design
3766	STOCKDALE WEST RANCH JOINT BANKING PROJECT	\$ 2,682,900	\$ 843,500	\$ 1,715,403	\$ 123,997	Design
1391	CROSS VALLEY CANAL CAPACITY PURCHASE (KERN COUNTY)	\$ 656,300	\$ 86,700	\$ 98,854	\$ 470,746	Design
1338	WATER BANKING AGREEMENTS	\$ 228,800	\$ 57,100	\$ 88,098	\$ 83,602	Design
<b>TOTAL</b>		<b>\$ 31,382,500</b>	<b>\$ 3,082,200</b>	<b>\$ 6,492,675</b>	<b>\$ 21,807,625</b>	

**Project Status**

Complete Wheeling Agreement among MWD, MWDOC and IRWD and wheel 1,000 AF to IRWD service area (Water Banking Agreements)  
 Certify EIR for Stockdale Integrated Banking Project i(Stockdale Joint Banking Project)  
 Design three wells, pipelines and turn-ins and begin construction of two wells on Stockdale West property (Stockdale 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 (Water Banking Expansion)  
 Construction management for remediating SREX-4 and other project close out activities (Strand Ranch Facilities)

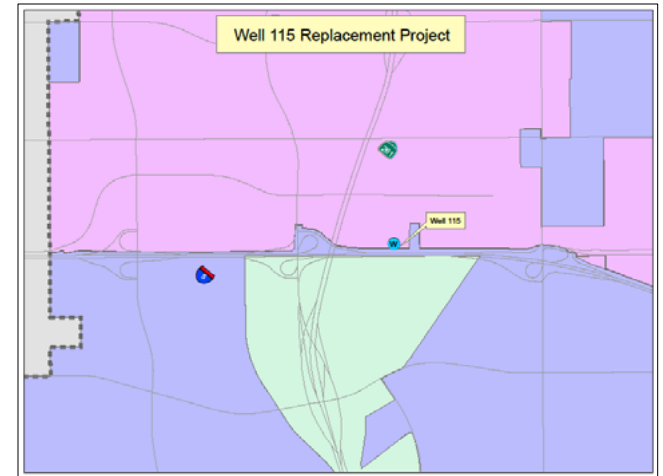
**Irvine Ranch Water District  
Capital Improvement Project  
Fiscal Year 2013/14**

**Project Group Name: Well 115 Replacement Project**

**Project Description**

Well 115 delivers raw water to the Irvine Desalter Project Potable Treatment Plant (IDP-PTP) for treatment. In April 2011, staff conducted a downhole video survey of the well that showed severely plugged louvers and holes in the casing at various depths. To resolve these issues, the well needs to be replaced.

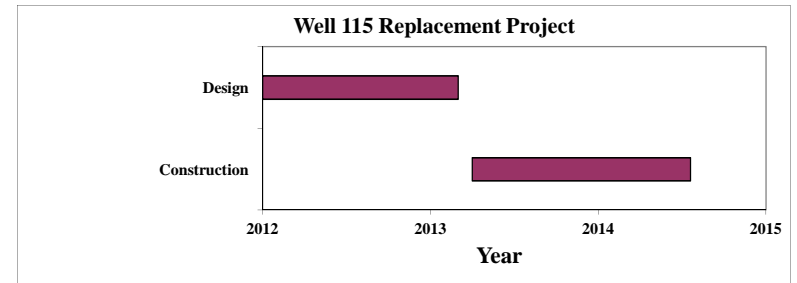
The new Well 115 will be located on an undeveloped parcel next to a The Irvine Company (TIC) owned building at 250 Commerce. In December 2012, TIC and IRWD executed a conveyance agreement that outlines the terms and process for quitclaiming the existing well site and purchasing the new well site and associated utility easements. The new well is anticipated to produce between 500 to 1,000 gallons per minute of untreated water to IDP-PTP. The new well is being drilled and equipped under one contract.



**FY 2013/14 Key Milestones**

- Design Complete
- Construction Award
- Construction Complete

- Date
- Feb-13
- Apr-13
- Sep-14



**Project Group Budget, Source of Funds, and Offset Summary**

	New Capital	Replacement	Enhancement	Total	Comments
<b>Total Budget</b>	\$ 2,465,138	\$ 1,713,062	\$ -	\$ 4,178,200	
<b>Existing Offsets</b>	\$ (1,232,569)	\$ (856,531)	\$ -	\$ (2,089,100)	
<b>Potential Future Offsets</b>	\$ -	\$ -	\$ -	\$ -	
<b>Net Amounts</b>	\$ 1,232,569	\$ 856,531	\$ -	\$ 2,089,100	

**Irvine Ranch Water District  
Capital Improvement Project  
Fiscal Year 2013/14**

Oracle No.	Project	Proj Total Dir	FY13-14 Dir	Projected Future Expenditure	Expended to Date	Stage
3717	WELL 115 REPLACEMENT WELL/WELLHEAD & SITE ACQUIS.	\$ 4,178,200	\$ 2,943,200	\$ 1,023,065	\$ 211,935	Design
<b>TOTAL</b>		<b>\$ 4,178,200</b>	<b>\$ 2,943,200</b>	<b>\$ 1,023,065</b>	<b>\$ 211,935</b>	

**Project Status**

In November 2012, the California Department of Public Health determined that the Well 115 Replacement project was eligible to receive up to 50 percent funding from Proposition 50 funds. The well drilling and equipping design was completed in February 2013 and the construction is underway. The construction is anticipated to be completed by August 2014.

**Irvine Ranch Water District  
Capital Improvement Project  
Fiscal Year 2013/14**

**Project Group Name: Syphon Reservoir Improvements**

The Syphon Reservoir Improvements for Fiscal Year 13/14 are focused on the integration of the existing reservoir into the Zone "A" recycled water system. These improvements include pipeline construction, filtration, and disinfection and will add approximately 450 acre-feet of seasonal storage capacity to IRWD's recycled water system.

Part of the interim improvements include the construction of a 36-inch pipeline that will support both the interim improvements and the proposed future expansion of Syphon Reservoir.

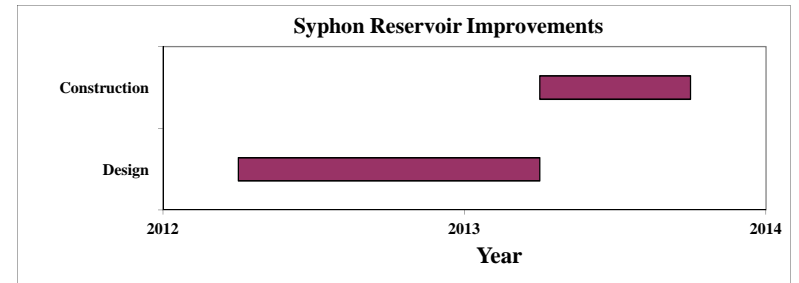


**FY 2013/14 Key Milestones**

Complete Construction of Interim Facilities

**Date**

Jun-13



**Project Group Budget, Source of Funds, and Offset Summary**

	New Capital	Replacement	Enhancement	Total	Comments
<b>Total Budget</b>	\$ 27,054,908	\$ -	\$ 45,090,192	\$ 72,145,100	
Existing Offsets	\$ -	\$ -	\$ -	\$ -	
Potential Future Offsets	\$ -	\$ -	\$ -	\$ -	
<b>Net Amounts</b>	\$ 27,054,908	\$ -	\$ 45,090,192	\$ 72,145,100	

**Irvine Ranch Water District  
Capital Improvement Project  
Fiscal Year 2013/14**

Oracle No.	Project	Proj Total Dir	FY13-14 Dir	Projected Future Expenditure	Expended to Date	Stage
1786	SYPHON RESERVOIR PROPERTY AQUISITION	\$ 5,550,000	\$ -	\$ -	\$ 5,550,000	Completed
1218	SYPHON RESERVOIR - INTEGRATION INTO RW SYS	\$ 1,500,000	\$ -	\$ 10,178	\$ 1,489,822	Completed
1024	PA9 JEFFREY RD PIPELINES, 36" ZNA, 36" SYPHON	\$ 2,729,100	\$ 1,563,200	\$ 1,158,942	\$ 6,958	Design
3729	SYPHON RESERVOIR INTERIM IMPROVEMENTS	\$ 2,417,200	\$ 187,800	\$ 1,951,953	\$ 277,447	Design
3808	SYPHON RESERVOIR EXPANSION	\$ 59,948,800	\$ 2,400	\$ 59,946,400	\$ -	Design
<b>TOTAL</b>		<b>\$ 72,145,100</b>	<b>\$ 1,753,400</b>	<b>\$ 63,067,473</b>	<b>\$ 7,324,227</b>	

**Project Status**

The design of the interim facilities was completed in November 2012 with construction anticipated to be completed in Summer 2013.

**Irvine Ranch Water District  
Capital Improvement Project  
Fiscal Year 2013/14**

**Project Group Name: Planning Area 18 Facilities**

**Project Description**

Planning Area (PA) 18, 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.

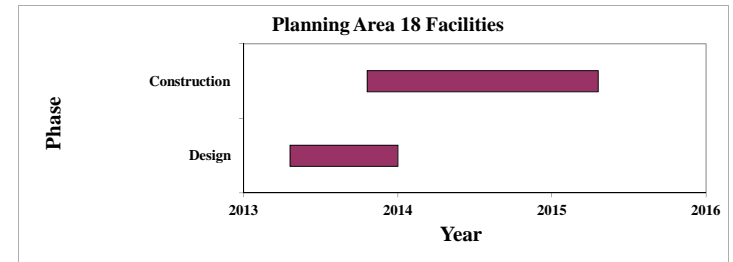
Two closed loop Zone 3 to 4 domestic water pump stations and one closed loop Zone B to C recycled water pump station are proposed to serve PA 18S. The primary Zone 3 to 4 domestic water and Zone B to C recycled water pump stations will be combined into a single facility to provide for the area's domestic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



**FY 2013/14 Key Milestones**

- Pump Station Final Design Kick-Off
- Pump Station Final Design Complete
- Pump Station Construction Award
- Pump Station Construction complete
- Pipeline Final Design Complete
- Pipeline Construction Complete

- Date**
- Apr-13
  - Oct-13
  - Nov-13
  - May-15
  - Dec-13
  - Dec-14



**Project Group Budget, Source of Funds, and Offset Summary**

	New Capital	Replacement	Enhancement	Total	Comments
<b>Total Budget</b>	\$ 7,623,300	\$ -	\$ -	\$ 7,623,300	
Existing Offsets	\$ -	\$ -	\$ -	\$ -	
Potential Future Offsets	\$ -	\$ -	\$ -	\$ -	
<b>Net Amounts</b>	\$ 7,623,300	\$ -	\$ -	\$ 7,623,300	

**Irvine Ranch Water District  
Capital Improvement Project  
Fiscal Year 2013/14**

Oracle No.	Project	Proj Total Dir	FY13-14 Dir	Projected Future Expenditure	Expended to Date	Stage
1648	PA18 ZN 3-4 BPS	\$ 2,679,700	\$ 801,300	\$ 1,710,515	\$ 167,885	Design
1063	PA18 ZN B-C BPS	\$ 1,813,500	\$ 526,600	\$ 1,150,871	\$ 136,029	Design
3722	PA 18 SOUTH DW FACILITIES	\$ 1,685,300	\$ 201,300	\$ 1,484,000	\$ -	Design
3736	PA 18 SOUTH RW FACILITIES	\$ 1,444,800	\$ 170,100	\$ 1,274,700	\$ -	Design
<b>TOTAL</b>		<b>\$ 7,623,300</b>	<b>\$ 1,699,300</b>	<b>\$ 5,620,086</b>	<b>\$ 303,914</b>	

**Project Status**

The final design of the domestic and recycled water pump stations was kicked off in April 2013. The final design is anticipated to be complete October 2013, and construction is anticipated to be complete May 2015.

**Irvine Ranch Water District  
Capital Improvement Project  
Fiscal Year 2013/14**

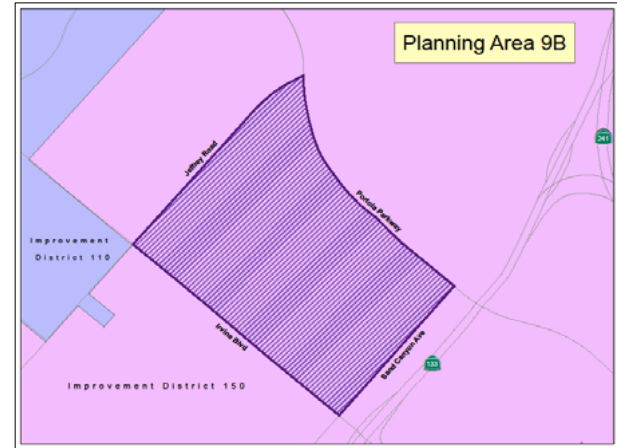
**Project Group Name: Planning Area 9B Development**

**Project Description**

Planning Area 9B is being developed by Irvine Company Community Development and is bordered by Portola Parkway to the north, Sand Canyon Avenue to the east, Irvine Boulevard to the south, and Jeffrey Road to the west. The primary capital facilities planned for this year to support this development include:

Jeffrey Road Pipelines: 5,000 lineal feet of 12-inch Zone 3 domestic water pipeline, 4,800 lineal feet of 16-inch Zone B recycled water pipeline, and 1,400 lineal feet of 6-inch, 12-inch, and 20-inch Zone C recycled water pipelines in Jeffrey Road between Irvine Boulevard and Portola Parkway.

Recycled Water and Syphon Lateral Phase 3: 1,200 lineal feet of 36-inch syphon lateral pipeline and 1,200 lineal feet of 6-inch recycled water pipeline located within the Planning Area 9B neighborhood in Encore.

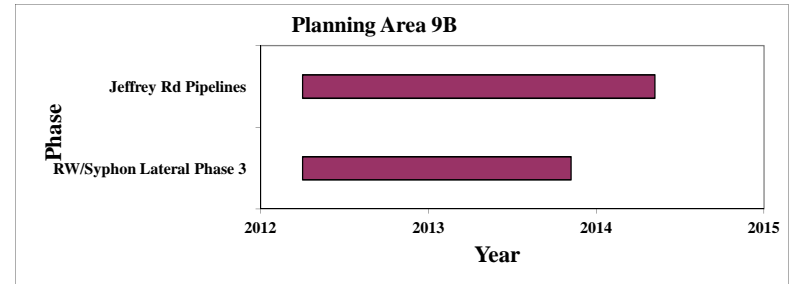


**FY 2013/14 Key Milestones**

- Jeffrey Road Pipelines
- Recycled Water and Syphon Lateral Pipeline, Phase 3

**Date**

- Apr-14
- Nov-13



**Project Group Budget, Source of Funds, and Offset Summary**

	New Capital	Replacement	Enhancement	Total	Comments
<b>Total Budget</b>	\$ 3,626,700	\$ -	\$ -	\$ 3,626,700	
Existing Offsets	\$ -	\$ -	\$ -	\$ -	
Potential Future Offsets	\$ -	\$ -	\$ -	\$ -	
<b>Net Amounts</b>	\$ 3,626,700	\$ -	\$ -	\$ 3,626,700	



**Irvine Ranch Water District  
Capital Improvement Project  
Fiscal Year 2013/14**

Oracle No.	Project	Proj Total Dir	FY13-14 Dir	Projected Future Expenditure	Expended to Date	Stage
1519	PA9 JEFFREY RD 12" ZONE 3 - IRVINE BLVD TO PORTOLA	\$ 1,755,600	\$ 997,100	\$ 511,676	\$ 246,824	Design
4176	PA9 JEFFREY RD PIPELINES, 16" ZONE B AND 6" ZONE C	\$ 777,700	\$ 424,100	\$ 353,184	\$ 416	Design
4228	PA 9B RW AND SYPHON LATERAL PIPELINE, PHASE 3	\$ 854,700	\$ 131,300	\$ 723,400	\$ -	Design
3844	PA 9B SEWER IMPROVEMENTS	\$ 238,700	\$ 1,000	\$ 237,700	\$ -	Design
<b>TOTAL</b>		<b>\$ 3,626,700</b>	<b>\$ 1,553,500</b>	<b>\$ 1,825,960</b>	<b>\$ 247,240</b>	

**Project Status**

The Jeffrey Road Pipelines are currently in construction and are anticipated to be completed in April 2014. The Recycled Water and Syphon Lateral Pipeline Phase 3 is also in construction and is anticipated to be completed in November 2013.



**IRVINE RANCH WATER DISTRICT**  
**2013/14 Capital Budget**  
**WATER IMPROVEMENT DISTRICT (ID) ALLOCATIONS**

Oracle	Project Title	FY Direct	Total Direct	Split Description	Improvement District (ID) Allocation - % of Total Budget																		
					101	112	113	115	121	130	135	140	150	153	154	155	156	161	182	184	186	188	199
3717	WELL 115 REPLACEMENT WELL/WELLHEAD & SITE	\$2,943,200	\$4,178,200	Non-Regional	41.0	2.5	3.1	4.3	9.0	7.0		2.5	18.4	2.0	0.9		4.7	1.8	1.6	0.6	0.6		
4130	SJM BUILDING CAMPUS MOLD REMEDIATION	\$42,400	\$369,600	Non-Regional	50.0	1.8	2.2	3.1	6.4	5.0	8.1	1.7	13.1	1.4	0.6		3.4	1.2	1.2	0.4	0.4		
1277	1" TO 2" METER REPLACEMENT 13/14	\$91,700	\$91,700	Non-Regional	100.0																		
4270	2013 IRVINE ANNUAL STREET REHAB, DW ADJUSTM	\$329,100	\$365,200	Non-Regional	100.0																		
1347	ASPHALT REPAIR PROGRAM - DW	\$20,100	\$60,000	Non-Regional	100.0																		
1264	ASSET OPTIMIZATION - LAKE FOREST DEVELOPME	\$1,346,300	\$6,500,000	Non-Regional	100.0																		
4446	AUTOMATION SYSTEM REPLACEMENT DW 13/14	\$30,000	\$30,000	Non-Regional	100.0																		
1839	CPTS RESTORE AND INSTALL	\$11,000	\$221,700	Non-Regional	100.0																		
1300	CSR METER REPLACEMENT 13/14	\$203,500	\$203,500	Non-Regional	100.0																		
1800	DOMESTIC VAULT LID REHABILITATION	\$92,300	\$297,600	Non-Regional	100.0																		
1427	DOMESTIC WATER PIPELINE REHABILITATION	\$138,300	\$183,700	Non-Regional	100.0																		
4326	DRWF #2 & #5 REHABILITATION	\$706,000	\$706,000	Non-Regional	100.0																		
1271	EAST IRVINE ZN 4 TO 6 BPS CHECK VALVE EVALUAP	\$72,700	\$106,700	Non-Regional	100.0																		
3773	ENERGY EFFICIENCY PUMP REPLACEMENT - DW 13	\$110,000	\$110,000	Non-Regional	100.0																		
3566	ENTERPRISE ASSET MANAGEMENT SOFTWARE ASS	\$382,200	\$2,426,600	Non-Regional	100.0																		
1336	HQ LIGHTING RETROFIT & CEILING REPLACE	\$75,200	\$225,000	Non-Regional	100.0																		
4285	IDF CHLORINE INJECTION LINE REPLACEMENT	\$781,300	\$1,117,300	Non-Regional	100.0																		
4421	MECH & ELEC SYS MODS - DW 13/14	\$400,000	\$400,000	Non-Regional	100.0																		
1337	OPA RESERVOIR DEMOLITION	\$113,400	\$387,200	Non-Regional	100.0																		
3723	PLANNING AND BUDGETING SOFTWARE REPLACE!	\$11,800	\$414,300	Non-Regional	100.0																		
4394	PROJECT ACCOUNTING & MANAGEMENT IMPLEME	\$142,600	\$214,500	Non-Regional	100.0																		
1292	RAISE SYSTEM VALVES 13/14	\$170,500	\$170,500	Non-Regional	100.0																		
1282	RESIDENTIAL METER REPLACEMENT 13/14	\$294,100	\$294,100	Non-Regional	100.0																		
1414	SAND CANYON 16" DW PIPELINE ANODE REPLACEM	\$6,300	\$237,600	Non-Regional	100.0																		
1779	SCADA DRWF COMMUNICATIONS REPLACEMENT	\$12,300	\$157,300	Non-Regional	100.0																		
1680	SCADA WATER SYSTEM REPLACEMENT	\$376,200	\$2,940,400	Non-Regional	100.0																		
1295	SERVICE LINE, VALVE & MAIN REPLACEMENT 13/14	\$650,100	\$650,100	Non-Regional	100.0																		
3236	UTILITY BILLING ORACLE CC AND B IMPLEMENTA'	\$3,269,400	\$5,782,700	Non-Regional	100.0																		
3716	WELL 51 REPLACEMENT	\$2,700	\$2,178,000	Non-Regional	100.0																		
3774	WELL MAINTENANCE AND REHABILITATION FY 13	\$165,000	\$165,000	Non-Regional	100.0																		
4327	WELL REHAB PROGRAM DW 13/14 THRU 15/16	\$471,900	\$2,097,900	Non-Regional	100.0																		
4000	BAKER RANCH PHASE 1 DW ZONE 3R & ZONE 2	\$317,700	\$612,700	Non-Regional									100.0										
4004	BAKER RANCH PHASE 2 DW ZONE 3R & 2	\$321,300	\$630,300	Non-Regional									100.0										
1520	GREAT PARK COORDINATION AND SAMP UPDATE	\$47,500	\$99,000	Non-Regional		100.0																	
1371	HARDING TRUCK TRAIL RESERVOIR DEMOLITION	\$5,000	\$34,700	Non-Regional													100.0						
1798	LAKE FOREST CONTROL AND TELEMTRY SYSTEM	\$66,100	\$319,000	Non-Regional									100.0										
1181	LAKE FOREST DW OFFSITE IMPROVEMENTS	\$21,100	\$1,069,200	Non-Regional									100.0										
1189	LAKE FOREST DW OPPORTUNITY AREAS	\$82,600	\$3,686,600	Non-Regional									100.0										
1047	LEGACY PARK TUSTIN RANCH ROAD	\$64,400	\$990,900	Non-Regional				100.0															
4277	MANNING BPS PERMANENT GENERATOR	\$222,900	\$311,300	Non-Regional												100.0							
1664	NEWPORT COAST CATHODIC PROTECTION	\$225,100	\$1,852,400	Non-Regional									100.0										
1279	OPA / REGIONAL TRANSMISSION MAIN	\$181,700	\$11,720,400	Non-Regional		3.2	3.9	5.5	11.4	8.9		3.2	23.2	2.6	1.1		25.0	6.0	2.3	2.1	0.8	0.8	
3722	PA 18 SOUTH DW FACILITIES	\$201,300	\$1,685,300	Non-Regional						100.0													
1346	PA 40 PHASE 2 DW FACILITIES	\$54,700	\$238,700	Non-Regional									100.0										
4094	PA 51 IRVINE BLVD DW FACILITIES	\$41,500	\$453,200	Non-Regional		100.0																	
4153	PA 51 MARINE WAY DW ZONE 3	\$518,300	\$612,700	Non-Regional		100.0																	













# IRVINE RANCH WATER DISTRICT

## 2013 / 14 Capital Budget

### Allocation of FY Project Expenditures by Improvement District and Source of Funds

<u>ID No.</u>	<u>Project</u>	<u>Title</u>	<u>% Allocated</u>	<u>FY Direct</u>	<u>FY Direct + GA</u>	<u>Source of Funds</u>
101	3236	UTILITY BILLING ORACLE CC AND B IMPLEMENTATION	100.0	3,269,400	3,511,600	REPLACEMENT FUND**
	1264	ASSET OPTIMIZATION - LAKE FOREST DEVELOPMENT	100.0	1,346,300	1,346,300	REPLACEMENT FUND
	3717	WELL 115 REPLACEMENT WELL/WELLHEAD & SITE ACQUIS.	41.0	1,206,712	1,267,556	REPLACEMENT FUND**
	4326	DRWF #2 & #5 REHABILITATION	100.0	706,000	835,200	REPLACEMENT FUND**
	4285	IDF CHLORINE INJECTION LINE REPLACEMENT	100.0	781,300	813,300	REPLACEMENT FUND**
	1295	SERVICE LINE, VALVE & MAIN REPLACEMENT 13/14	100.0	650,100	667,100	REPLACEMENT FUND**
	4327	WELL REHAB PROGRAM DW 13/14 THRU 15/16	100.0	471,900	520,800	REPLACEMENT FUND**
	1680	SCADA WATER SYSTEM REPLACEMENT	100.0	376,200	433,500	REPLACEMENT FUND**
	4421	MECH & ELEC SYS MODS - DW 13/14	100.0	400,000	400,000	REPLACEMENT FUND**
	3566	ENTERPRISE ASSET MANAGEMENT SOFTWARE ASSESS/EVAL	100.0	382,200	382,200	REPLACEMENT FUND**
	4270	2013 IRVINE ANNUAL STREET REHAB, DW ADJUSTMENTS	100.0	329,100	359,700	REPLACEMENT FUND**
	1282	RESIDENTIAL METER REPLACEMENT 13/14	100.0	294,100	316,200	REPLACEMENT FUND**
	1300	CSR METER REPLACEMENT 13/14	100.0	203,500	212,000	REPLACEMENT FUND**
	1427	DOMESTIC WATER PIPELINE REHABILITATION	100.0	138,300	180,800	REPLACEMENT FUND**
	1292	RAISE SYSTEM VALVES 13/14	100.0	170,500	179,000	REPLACEMENT FUND**
	4394	PROJECT ACCOUNTING & MANAGEMENT IMPLEMENTATION	100.0	142,600	165,200	REPLACEMENT FUND**
	3774	WELL MAINTENANCE AND REHABILITATION FY 13/14	100.0	165,000	165,000	REPLACEMENT FUND**
	1337	OPA RESERVOIR DEMOLITION	100.0	113,400	119,400	REPLACEMENT FUND**
	3773	ENERGY EFFICIENCY PUMP REPLACEMENT - DW 13/14	100.0	110,000	118,500	REPLACEMENT FUND**
	1277	1" TO 2" METER REPLACEMENT 13/14	100.0	91,700	114,500	REPLACEMENT FUND**
	1336	HQ LIGHTING RETROFIT & CEILING REPLACE	100.0	75,200	107,800	REPLACEMENT FUND
	1800	DOMESTIC VAULT LID REHABILITATION	100.0	92,300	103,200	REPLACEMENT FUND**
	1271	EAST IRVINE ZN 4 TO 6 BPS CHECK VALVE EVALUATION	100.0	72,700	95,600	REPLACEMENT FUND**
	4446	AUTOMATION SYSTEM REPLACEMENT DW 13/14	100.0	30,000	30,000	REPLACEMENT FUND**
	1347	ASPHALT REPAIR PROGRAM - DW	100.0	20,100	22,800	REPLACEMENT FUND**
	4130	SJM BUILDING CAMPUS MOLD REMEDIATION	50.0	21,200	22,600	REPLACEMENT FUND**
	1779	SCADA DRWF COMMUNICATIONS REPLACEMENT	100.0	12,300	18,900	REPLACEMENT FUND**
	1839	CPTS RESTORE AND INSTALL	100.0	11,000	15,800	REPLACEMENT FUND**
	3723	PLANNING AND BUDGETING SOFTWARE REPLACEMENT	100.0	11,800	12,500	REPLACEMENT FUND**
	1414	SAND CANYON 16" DW PIPELINE ANODE REPLACEMENT	100.0	6,300	8,700	REPLACEMENT FUND**
	3716	WELL 51 REPLACEMENT	100.0	2,700	6,900	REPLACEMENT FUND**
	3727	PLANNING AND BUDGETING SOFTWARE REPLACEMENT	0.0	0	0	REPLACEMENT FUND**
				<b>\$11,703,912</b>	<b>\$12,552,656</b>	
112	4153	PA 51 MARINE WAY DW ZONE 3	100.0	518,300	611,800	BONDS YET TO BE SOLD**
	1417	BAKER WTP	3.6	592,855	605,408	BONDS YET TO BE SOLD**

# IRVINE RANCH WATER DISTRICT

## 2013 / 14 Capital Budget

### Allocation of FY Project Expenditures by Improvement District and Source of Funds

<u>ID No.</u>	<u>Project</u>	<u>Title</u>	<u>% Allocated</u>	<u>FY Direct</u>	<u>FY Direct + GA</u>	<u>Source of Funds</u>
112	1250	OPA / REGIONAL GROUNDWATER PROJECT	4.3	186,573	195,783	BONDS YET TO BE SOLD**
	4261	PA 51 O ST, TRABUCO TO LN ST - DW	100.0	156,900	193,700	BONDS YET TO BE SOLD**
	4366	TUSIN LEGACY-TUSTIN RANCH-BARRANCA & ARMSTRONG DW	90.0	113,130	146,070	BONDS YET TO BE SOLD**
	4268	PA 51 O ST, MARINE WAY TO TRABUCO - DW	100.0	93,700	104,200	BONDS YET TO BE SOLD**
	3977	PA 51 TRABUCO RD, SR133 TO LY ST DW	100.0	81,900	99,000	BONDS YET TO BE SOLD**
	3717	WELL 115 REPLACEMENT WELL/WELLHEAD & SITE ACQUIS.	2.5	73,580	77,290	BONDS YET TO BE SOLD**
	1520	GREAT PARK COORDINATION AND SAMP UPDATE	100.0	47,500	72,000	BONDS YET TO BE SOLD**
	1006	WATER BANKING EXPANSION	3.6	64,980	66,510	BONDS YET TO BE SOLD**
	4094	PA 51 IRVINE BLVD DW FACILITIES	100.0	41,500	49,300	BONDS YET TO BE SOLD**
	3766	STOCKDALE WEST RANCH JOINT BANKING PROJECT	3.6	30,366	33,217	BONDS YET TO BE SOLD**
	1459	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	3.6	17,971	20,560	BONDS YET TO BE SOLD**
	3633	GROUNDWATER DISPOSAL SYSTEM CONCEPT STUDY	3.6	10,732	13,532	BONDS YET TO BE SOLD**
	2812	STRAND RANCH FACILITIES AND MONITORING PROGRAM	3.6	10,436	11,398	BONDS YET TO BE SOLD**
	1095	HYDRAULIC MODEL UPDATE / CALIBRATION - DOMESTIC	3.6	9,140	11,297	BONDS YET TO BE SOLD**
	1518	IDP WELLS,PIPELINES,TREATMENT PLNT IMPR DESIGN	4.3	6,209	8,402	BONDS YET TO BE SOLD**
	1402	WELLS 51/52/53 TREATMENT ALTERNATIVES STUDY	4.3	5,723	7,185	BONDS YET TO BE SOLD**
	1279	OPA / REGIONAL TRANSMISSION MAIN	3.2	5,814	5,814	BONDS YET TO BE SOLD**
	3667	JACKSON RANCH SOLAR PROJECT	3.6	3,096	5,054	BONDS YET TO BE SOLD**
	1338	WATER BANKING AGREEMENTS	3.6	2,056	4,777	BONDS YET TO BE SOLD**
	1780	ENG PLANNING STUDY RESERVE 13/14	1.0	1,980	3,340	BONDS YET TO BE SOLD**
	1391	CROSS VALLEY CANAL CAPACITY PURCHASE (KERN COUNTY)	3.6	3,121	3,244	BONDS YET TO BE SOLD**
	1540	WELL 106 REPLACEMENT DRILLING & SITE ACQUISITION	4.3	1,131	2,958	BONDS YET TO BE SOLD**
	4287	EOCWD - IRWD JOINT WELL PLANNING REPORT	3.6	1,753	1,998	BONDS YET TO BE SOLD**
	1285	GEN SYS MODS 13/14	1.0	1,353	1,727	BONDS YET TO BE SOLD**
	1469	OCWD ANNEXATION	1.0	1,395	1,574	BONDS YET TO BE SOLD**
	1409	DATS & WELL 77 LEASE PAYMENT 14/15	4.3	1,453	1,453	BONDS YET TO BE SOLD**
	1640	AUTOMATION SYSTEM IMPROVEMENTS DW	1.0	729	1,069	BONDS YET TO BE SOLD**
	1190	GIS SUPPORT APPLICATIONS 13/14	1.0	600	915	BONDS YET TO BE SOLD**
	4130	SJM BUILDING CAMPUS MOLD REMEDIATION	1.8	763	814	BONDS YET TO BE SOLD**
	1323	HYDRAULIC MODELING 13/14	1.0	440	610	BONDS YET TO BE SOLD**
	3772	SKYLIGHT PROTECTION	1.0	351	415	BONDS YET TO BE SOLD**
	4409	RMS AT 5 DOMESTIC WATER RESERVOIRS	1.0	60	155	BONDS YET TO BE SOLD**
				<b>\$2,087,590</b>	<b>\$2,362,569</b>	
113	1417	BAKER WTP	4.4	724,601	739,944	BONDS YET TO BE SOLD**
	1250	OPA / REGIONAL GROUNDWATER PROJECT	5.2	225,623	236,761	BONDS YET TO BE SOLD**

# IRVINE RANCH WATER DISTRICT

## 2013 / 14 Capital Budget

### Allocation of FY Project Expenditures by Improvement District and Source of Funds

<u>ID No.</u>	<u>Project</u>	<u>Title</u>	<u>% Allocated</u>	<u>FY Direct</u>	<u>FY Direct + GA</u>	<u>Source of Funds</u>
113	3717	WELL 115 REPLACEMENT WELL/WELLHEAD & SITE ACQUIS.	3.1	91,239	95,840	BONDS YET TO BE SOLD**
	1006	WATER BANKING EXPANSION	4.4	79,420	81,290	BONDS YET TO BE SOLD**
	1047	LEGACY PARK TUSTIN RANCH ROAD	100.0	64,400	68,000	BONDS YET TO BE SOLD**
	3766	STOCKDALE WEST RANCH JOINT BANKING PROJECT	4.4	37,114	40,599	BONDS YET TO BE SOLD**
	1459	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	4.4	21,965	25,128	BONDS YET TO BE SOLD**
	3633	GROUNDWATER DISPOSAL SYSTEM CONCEPT STUDY	4.4	13,116	16,540	BONDS YET TO BE SOLD**
	2812	STRAND RANCH FACILITIES AND MONITORING PROGRAM	4.4	12,756	13,930	BONDS YET TO BE SOLD**
	1095	HYDRAULIC MODEL UPDATE / CALIBRATION - DOMESTIC	4.4	11,172	13,807	BONDS YET TO BE SOLD**
	1518	IDP WELLS,PIPELINES,TREATMENT PLNT IMPR DESIGN	5.2	7,509	10,161	BONDS YET TO BE SOLD**
	1402	WELLS 51/52/53 TREATMENT ALTERNATIVES STUDY	5.2	6,921	8,689	BONDS YET TO BE SOLD**
	1279	OPA / REGIONAL TRANSMISSION MAIN	3.9	7,086	7,086	BONDS YET TO BE SOLD**
	3667	JACKSON RANCH SOLAR PROJECT	4.4	3,784	6,178	BONDS YET TO BE SOLD**
	1338	WATER BANKING AGREEMENTS	4.4	2,512	5,839	BONDS YET TO BE SOLD**
	1780	ENG PLANNING STUDY RESERVE 13/14	1.2	2,376	4,008	BONDS YET TO BE SOLD**
	1391	CROSS VALLEY CANAL CAPACITY PURCHASE (KERN COUNTY)	4.4	3,815	3,964	BONDS YET TO BE SOLD**
	1540	WELL 106 REPLACEMENT DRILLING & SITE ACQUISITION	5.2	1,368	3,578	BONDS YET TO BE SOLD**
	4287	EOCWD - IRWD JOINT WELL PLANNING REPORT	4.4	2,143	2,442	BONDS YET TO BE SOLD**
	1285	GEN SYS MODS 13/14	1.2	1,624	2,072	BONDS YET TO BE SOLD**
	1469	OCWD ANNEXATION	1.2	1,674	1,889	BONDS YET TO BE SOLD**
	1409	DATS & WELL 77 LEASE PAYMENT 14/15	5.2	1,758	1,758	BONDS YET TO BE SOLD**
	1640	AUTOMATION SYSTEM IMPROVEMENTS DW	1.2	875	1,283	BONDS YET TO BE SOLD**
	1190	GIS SUPPORT APPLICATIONS 13/14	1.2	720	1,098	BONDS YET TO BE SOLD**
	4130	SJM BUILDING CAMPUS MOLD REMEDIATION	2.2	933	994	BONDS YET TO BE SOLD**
	1323	HYDRAULIC MODELING 13/14	1.2	528	732	BONDS YET TO BE SOLD**
	3772	SKYLIGHT PROTECTION	1.2	421	498	BONDS YET TO BE SOLD**
	4409	RMS AT 5 DOMESTIC WATER RESERVOIRS	1.2	72	186	BONDS YET TO BE SOLD**
				<b>\$1,327,525</b>	<b>\$1,394,294</b>	
115	1417	BAKER WTP	6.2	1,021,028	1,042,648	CAPITAL FUND
	1250	OPA / REGIONAL GROUNDWATER PROJECT	7.3	316,740	332,376	CAPITAL FUND
	3717	WELL 115 REPLACEMENT WELL/WELLHEAD & SITE ACQUIS.	4.3	126,558	132,939	CAPITAL FUND
	1006	WATER BANKING EXPANSION	6.2	111,910	114,545	CAPITAL FUND
	3766	STOCKDALE WEST RANCH JOINT BANKING PROJECT	6.2	52,297	57,207	CAPITAL FUND
	1459	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	6.2	30,950	35,408	CAPITAL FUND
	3633	GROUNDWATER DISPOSAL SYSTEM CONCEPT STUDY	6.2	18,482	23,306	CAPITAL FUND
	2812	STRAND RANCH FACILITIES AND MONITORING PROGRAM	6.2	17,974	19,629	CAPITAL FUND

# IRVINE RANCH WATER DISTRICT

## 2013 / 14 Capital Budget

### Allocation of FY Project Expenditures by Improvement District and Source of Funds

<u>ID No.</u>	<u>Project</u>	<u>Title</u>	<u>% Allocated</u>	<u>FY Direct</u>	<u>FY Direct + GA</u>	<u>Source of Funds</u>
115	1095	HYDRAULIC MODEL UPDATE / CALIBRATION - DOMESTIC	6.2	15,742	19,456	CAPITAL FUND
	1518	IDP WELLS,PIPELINES,TREATMENT PLNT IMPR DESIGN	7.3	10,541	14,264	CAPITAL FUND
	1402	WELLS 51/52/53 TREATMENT ALTERNATIVES STUDY	7.3	9,716	12,198	CAPITAL FUND
	1279	OPA / REGIONAL TRANSMISSION MAIN	5.5	9,994	9,994	CAPITAL FUND
	3667	JACKSON RANCH SOLAR PROJECT	6.2	5,332	8,705	CAPITAL FUND
	1338	WATER BANKING AGREEMENTS	6.2	3,540	8,227	CAPITAL FUND
	1780	ENG PLANNING STUDY RESERVE 13/14	1.7	3,366	5,678	CAPITAL FUND
	1391	CROSS VALLEY CANAL CAPACITY PURCHASE (KERN COUNTY)	6.2	5,375	5,586	CAPITAL FUND
	1540	WELL 106 REPLACEMENT DRILLING & SITE ACQUISITION	7.3	1,920	5,022	CAPITAL FUND
	4287	EOCWD - IRWD JOINT WELL PLANNING REPORT	6.2	3,019	3,441	CAPITAL FUND
	1285	GEN SYS MODS 13/14	1.7	2,300	2,936	CAPITAL FUND
	1469	OCWD ANNEXATION	1.7	2,372	2,676	CAPITAL FUND
	1409	DATS & WELL 77 LEASE PAYMENT 14/15	7.3	2,467	2,467	CAPITAL FUND
	1640	AUTOMATION SYSTEM IMPROVEMENTS DW	1.7	1,239	1,817	CAPITAL FUND
	1190	GIS SUPPORT APPLICATIONS 13/14	1.7	1,020	1,556	CAPITAL FUND
	4130	SJM BUILDING CAMPUS MOLD REMEDIATION	3.1	1,314	1,401	CAPITAL FUND
	1323	HYDRAULIC MODELING 13/14	1.7	748	1,037	CAPITAL FUND
	3772	SKYLIGHT PROTECTION	1.7	597	706	CAPITAL FUND
	4409	RMS AT 5 DOMESTIC WATER RESERVOIRS	1.7	102	264	CAPITAL FUND
				<b>\$1,776,643</b>	<b>\$1,865,489</b>	
121	1417	BAKER WTP	12.8	2,107,930	2,152,563	BONDS YET TO BE SOLD**
	1250	OPA / REGIONAL GROUNDWATER PROJECT	15.3	663,852	696,624	BONDS YET TO BE SOLD**
	3717	WELL 115 REPLACEMENT WELL/WELLHEAD & SITE ACQUIS.	9.0	264,888	278,244	BONDS YET TO BE SOLD**
	1006	WATER BANKING EXPANSION	12.8	231,040	236,480	BONDS YET TO BE SOLD**
	3766	STOCKDALE WEST RANCH JOINT BANKING PROJECT	12.8	107,968	118,106	BONDS YET TO BE SOLD**
	1459	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	12.8	63,898	73,101	BONDS YET TO BE SOLD**
	3633	GROUNDWATER DISPOSAL SYSTEM CONCEPT STUDY	12.8	38,157	48,115	BONDS YET TO BE SOLD**
	2812	STRAND RANCH FACILITIES AND MONITORING PROGRAM	12.8	37,107	40,525	BONDS YET TO BE SOLD**
	1095	HYDRAULIC MODEL UPDATE / CALIBRATION - DOMESTIC	12.8	32,499	40,166	BONDS YET TO BE SOLD**
	1518	IDP WELLS,PIPELINES,TREATMENT PLNT IMPR DESIGN	15.3	22,093	29,896	BONDS YET TO BE SOLD**
	1402	WELLS 51/52/53 TREATMENT ALTERNATIVES STUDY	15.3	20,364	25,566	BONDS YET TO BE SOLD**
	1279	OPA / REGIONAL TRANSMISSION MAIN	11.4	20,714	20,714	BONDS YET TO BE SOLD**
	3667	JACKSON RANCH SOLAR PROJECT	12.8	11,008	17,971	BONDS YET TO BE SOLD**
	1338	WATER BANKING AGREEMENTS	12.8	7,309	16,986	BONDS YET TO BE SOLD**
	1780	ENG PLANNING STUDY RESERVE 13/14	3.5	6,930	11,690	BONDS YET TO BE SOLD**

# IRVINE RANCH WATER DISTRICT

## 2013 / 14 Capital Budget

### Allocation of FY Project Expenditures by Improvement District and Source of Funds

<u>ID No.</u>	<u>Project</u>	<u>Title</u>	<u>% Allocated</u>	<u>FY Direct</u>	<u>FY Direct + GA</u>	<u>Source of Funds</u>
121	1391	CROSS VALLEY CANAL CAPACITY PURCHASE (KERN COUNTY)	12.8	11,098	11,533	BONDS YET TO BE SOLD**
	1540	WELL 106 REPLACEMENT DRILLING & SITE ACQUISITION	15.3	4,024	10,526	BONDS YET TO BE SOLD**
	4287	EOCWD - IRWD JOINT WELL PLANNING REPORT	12.8	6,234	7,104	BONDS YET TO BE SOLD**
	1285	GEN SYS MODS 13/14	3.5	4,736	6,045	BONDS YET TO BE SOLD**
	1469	OCWD ANNEXATION	3.5	4,883	5,509	BONDS YET TO BE SOLD**
	1409	DATS & WELL 77 LEASE PAYMENT 14/15	15.3	5,171	5,171	BONDS YET TO BE SOLD**
	1640	AUTOMATION SYSTEM IMPROVEMENTS DW	3.5	2,552	3,742	BONDS YET TO BE SOLD**
	1190	GIS SUPPORT APPLICATIONS 13/14	3.5	2,100	3,203	BONDS YET TO BE SOLD**
	4130	SJM BUILDING CAMPUS MOLD REMEDIATION	6.4	2,714	2,893	BONDS YET TO BE SOLD**
	1323	HYDRAULIC MODELING 13/14	3.5	1,540	2,135	BONDS YET TO BE SOLD**
	3772	SKYLIGHT PROTECTION	3.5	1,229	1,453	BONDS YET TO BE SOLD**
	4409	RMS AT 5 DOMESTIC WATER RESERVOIRS	3.5	210	543	BONDS YET TO BE SOLD**
				<b>\$3,682,248</b>	<b>\$3,866,604</b>	
130	1417	BAKER WTP	10.0	1,646,820	1,681,690	BONDS YET TO BE SOLD**
	1648	PA18 ZN 3-4 BPS	100.0	801,300	819,300	BONDS YET TO BE SOLD**
	1250	OPA / REGIONAL GROUNDWATER PROJECT	11.8	511,990	537,266	BONDS YET TO BE SOLD**
	3722	PA 18 SOUTH DW FACILITIES	100.0	201,300	320,300	BONDS YET TO BE SOLD**
	3717	WELL 115 REPLACEMENT WELL/WELLHEAD & SITE ACQUIS.	7.0	206,024	216,412	BONDS YET TO BE SOLD**
	1006	WATER BANKING EXPANSION	10.0	180,500	184,750	BONDS YET TO BE SOLD**
	3766	STOCKDALE WEST RANCH JOINT BANKING PROJECT	10.0	84,350	92,270	BONDS YET TO BE SOLD**
	1459	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	10.0	49,920	57,110	BONDS YET TO BE SOLD**
	3633	GROUNDWATER DISPOSAL SYSTEM CONCEPT STUDY	10.0	29,810	37,590	BONDS YET TO BE SOLD**
	2812	STRAND RANCH FACILITIES AND MONITORING PROGRAM	10.0	28,990	31,660	BONDS YET TO BE SOLD**
	1095	HYDRAULIC MODEL UPDATE / CALIBRATION - DOMESTIC	10.0	25,390	31,380	BONDS YET TO BE SOLD**
	1518	IDP WELLS,PIPELINES,TREATMENT PLNT IMPR DESIGN	11.8	17,039	23,057	BONDS YET TO BE SOLD**
	1402	WELLS 51/52/53 TREATMENT ALTERNATIVES STUDY	11.8	15,706	19,718	BONDS YET TO BE SOLD**
	1279	OPA / REGIONAL TRANSMISSION MAIN	8.9	16,171	16,171	BONDS YET TO BE SOLD**
	3667	JACKSON RANCH SOLAR PROJECT	10.0	8,600	14,040	BONDS YET TO BE SOLD**
	1338	WATER BANKING AGREEMENTS	10.0	5,710	13,270	BONDS YET TO BE SOLD**
	1780	ENG PLANNING STUDY RESERVE 13/14	2.7	5,346	9,018	BONDS YET TO BE SOLD**
	1391	CROSS VALLEY CANAL CAPACITY PURCHASE (KERN COUNTY)	10.0	8,670	9,010	BONDS YET TO BE SOLD**
	1540	WELL 106 REPLACEMENT DRILLING & SITE ACQUISITION	11.8	3,103	8,118	BONDS YET TO BE SOLD**
	4287	EOCWD - IRWD JOINT WELL PLANNING REPORT	10.0	4,870	5,550	BONDS YET TO BE SOLD**
	1285	GEN SYS MODS 13/14	2.7	3,653	4,663	BONDS YET TO BE SOLD**
	1469	OCWD ANNEXATION	2.7	3,767	4,250	BONDS YET TO BE SOLD**

# IRVINE RANCH WATER DISTRICT

## 2013 / 14 Capital Budget

### Allocation of FY Project Expenditures by Improvement District and Source of Funds

<u>ID No.</u>	<u>Project</u>	<u>Title</u>	<u>% Allocated</u>	<u>FY Direct</u>	<u>FY Direct + GA</u>	<u>Source of Funds</u>
130	1409	DATS & WELL 77 LEASE PAYMENT 14/15	11.8	3,988	3,988	BONDS YET TO BE SOLD**
	1640	AUTOMATION SYSTEM IMPROVEMENTS DW	2.7	1,968	2,886	BONDS YET TO BE SOLD**
	1190	GIS SUPPORT APPLICATIONS 13/14	2.7	1,620	2,471	BONDS YET TO BE SOLD**
	4130	SJM BUILDING CAMPUS MOLD REMEDIATION	5.0	2,120	2,260	BONDS YET TO BE SOLD**
	1323	HYDRAULIC MODELING 13/14	2.7	1,188	1,647	BONDS YET TO BE SOLD**
	3772	SKYLIGHT PROTECTION	2.7	948	1,121	BONDS YET TO BE SOLD**
	4409	RMS AT 5 DOMESTIC WATER RESERVOIRS	2.7	162	419	BONDS YET TO BE SOLD**
				<b>\$3,871,023</b>	<b>\$4,151,385</b>	
135	1417	BAKER WTP	16.2	2,667,848	2,724,338	PREVIOUSLY SOLD BONDS
	4004	BAKER RANCH PHASE 2 DW ZONE 3R & 2	100.0	321,300	372,300	CAPITAL FUND
	4000	BAKER RANCH PHASE 1 DW ZONE 3R & ZONE 2	100.0	317,700	368,700	CAPITAL FUND
	1006	WATER BANKING EXPANSION	16.2	292,410	299,295	PREVIOUSLY SOLD BONDS
	3766	STOCKDALE WEST RANCH JOINT BANKING PROJECT	16.2	136,647	149,477	PREVIOUSLY SOLD BONDS
	1189	LAKE FOREST DW OPPORTUNITY AREAS	100.0	82,600	121,600	CAPITAL FUND
	1459	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	16.2	80,870	92,518	PREVIOUSLY SOLD BONDS
	1798	LAKE FOREST CONTROL AND TELEMETRY SYSTEMS UPGRADES	100.0	66,100	83,100	CAPITAL FUND
	3633	GROUNDWATER DISPOSAL SYSTEM CONCEPT STUDY	16.2	48,292	60,896	PREVIOUSLY SOLD BONDS
	2812	STRAND RANCH FACILITIES AND MONITORING PROGRAM	16.2	46,964	51,289	PREVIOUSLY SOLD BONDS
	1095	HYDRAULIC MODEL UPDATE / CALIBRATION - DOMESTIC	16.2	41,132	50,836	PREVIOUSLY SOLD BONDS
	1181	LAKE FOREST DW OFFSITE IMPROVEMENTS	100.0	21,100	31,100	CAPITAL FUND
	3667	JACKSON RANCH SOLAR PROJECT	16.2	13,932	22,745	PREVIOUSLY SOLD BONDS
	1338	WATER BANKING AGREEMENTS	16.2	9,250	21,497	PREVIOUSLY SOLD BONDS
	1780	ENG PLANNING STUDY RESERVE 13/14	4.4	8,712	14,696	PREVIOUSLY SOLD BONDS
	1391	CROSS VALLEY CANAL CAPACITY PURCHASE (KERN COUNTY)	16.2	14,045	14,596	PREVIOUSLY SOLD BONDS
	4287	EOCWD - IRWD JOINT WELL PLANNING REPORT	16.2	7,889	8,991	PREVIOUSLY SOLD BONDS
	1285	GEN SYS MODS 13/14	4.4	5,953	7,599	PREVIOUSLY SOLD BONDS
	1469	OCWD ANNEXATION	4.4	6,138	6,926	PREVIOUSLY SOLD BONDS
	1640	AUTOMATION SYSTEM IMPROVEMENTS DW	4.4	3,208	4,704	PREVIOUSLY SOLD BONDS
	1190	GIS SUPPORT APPLICATIONS 13/14	4.4	2,640	4,026	PREVIOUSLY SOLD BONDS
	4130	SJM BUILDING CAMPUS MOLD REMEDIATION	8.1	3,434	3,661	CAPITAL FUND
	1323	HYDRAULIC MODELING 13/14	4.4	1,936	2,684	PREVIOUSLY SOLD BONDS
	3772	SKYLIGHT PROTECTION	4.4	1,544	1,826	PREVIOUSLY SOLD BONDS
	4409	RMS AT 5 DOMESTIC WATER RESERVOIRS	4.4	264	682	PREVIOUSLY SOLD BONDS

# IRVINE RANCH WATER DISTRICT

## 2013 / 14 Capital Budget

### Allocation of FY Project Expenditures by Improvement District and Source of Funds

					\$4,201,908	\$4,520,082		
<u>ID No.</u>	<u>Project</u>	<u>Title</u>	<u>% Allocated</u>	<u>FY Direct</u>	<u>FY Direct + GA</u>	<u>Source of Funds</u>		
140	1417	BAKER WTP	3.5	576,387	588,592	BONDS YET TO BE SOLD**		
	1664	NEWPORT COAST CATHODIC PROTECTION	100.0	225,100	242,300	BONDS YET TO BE SOLD**		
	1250	OPA / REGIONAL GROUNDWATER PROJECT	4.2	182,234	191,230	BONDS YET TO BE SOLD**		
	3717	WELL 115 REPLACEMENT WELL/WELLHEAD & SITE ACQUIS.	2.5	73,580	77,290	BONDS YET TO BE SOLD**		
	1006	WATER BANKING EXPANSION	3.5	63,175	64,663	BONDS YET TO BE SOLD**		
	3766	STOCKDALE WEST RANCH JOINT BANKING PROJECT	3.5	29,523	32,295	BONDS YET TO BE SOLD**		
	1459	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	3.5	17,472	19,989	BONDS YET TO BE SOLD**		
	3633	GROUNDWATER DISPOSAL SYSTEM CONCEPT STUDY	3.5	10,434	13,157	BONDS YET TO BE SOLD**		
	2812	STRAND RANCH FACILITIES AND MONITORING PROGRAM	3.5	10,147	11,081	BONDS YET TO BE SOLD**		
	1095	HYDRAULIC MODEL UPDATE / CALIBRATION - DOMESTIC	3.5	8,887	10,983	BONDS YET TO BE SOLD**		
	1518	IDP WELLS,PIPELINES,TREATMENT PLNT IMPR DESIGN	4.2	6,065	8,207	BONDS YET TO BE SOLD**		
	1402	WELLS 51/52/53 TREATMENT ALTERNATIVES STUDY	4.2	5,590	7,018	BONDS YET TO BE SOLD**		
	1279	OPA / REGIONAL TRANSMISSION MAIN	3.2	5,814	5,814	BONDS YET TO BE SOLD**		
	3667	JACKSON RANCH SOLAR PROJECT	3.5	3,010	4,914	BONDS YET TO BE SOLD**		
	1338	WATER BANKING AGREEMENTS	3.5	1,999	4,645	BONDS YET TO BE SOLD**		
	1391	CROSS VALLEY CANAL CAPACITY PURCHASE (KERN COUNTY)	3.5	3,035	3,154	BONDS YET TO BE SOLD**		
	1780	ENG PLANNING STUDY RESERVE 13/14	0.9	1,782	3,006	BONDS YET TO BE SOLD**		
	1540	WELL 106 REPLACEMENT DRILLING & SITE ACQUISITION	4.2	1,105	2,890	BONDS YET TO BE SOLD**		
	4287	EOCWD - IRWD JOINT WELL PLANNING REPORT	3.5	1,705	1,943	BONDS YET TO BE SOLD**		
	1285	GEN SYS MODS 13/14	0.9	1,218	1,554	BONDS YET TO BE SOLD**		
	1409	DATS & WELL 77 LEASE PAYMENT 14/15	4.2	1,420	1,420	BONDS YET TO BE SOLD**		
	1469	OCWD ANNEXATION	0.9	1,256	1,417	BONDS YET TO BE SOLD**		
	1640	AUTOMATION SYSTEM IMPROVEMENTS DW	0.9	656	962	BONDS YET TO BE SOLD**		
	1190	GIS SUPPORT APPLICATIONS 13/14	0.9	540	824	BONDS YET TO BE SOLD**		
	4130	SJM BUILDING CAMPUS MOLD REMEDIATION	1.7	721	768	BONDS YET TO BE SOLD**		
	1323	HYDRAULIC MODELING 13/14	0.9	396	549	BONDS YET TO BE SOLD**		
	3772	SKYLIGHT PROTECTION	0.9	316	374	BONDS YET TO BE SOLD**		
	4409	RMS AT 5 DOMESTIC WATER RESERVOIRS	0.9	54	140	BONDS YET TO BE SOLD**		
					<b>\$1,233,621</b>	<b>\$1,301,179</b>		
150	1417	BAKER WTP	26.1	4,298,200	4,389,211	BONDS YET TO BE SOLD**		
	1250	OPA / REGIONAL GROUNDWATER PROJECT	31.2	1,353,737	1,420,567	BONDS YET TO BE SOLD**		
	1519	PA9 JEFFREY RD 12" ZONE 3 - IRVINE BLVD TO PORTOLA	100.0	997,100	1,031,200	BONDS YET TO BE SOLD**		

# IRVINE RANCH WATER DISTRICT

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### Allocation of FY Project Expenditures by Improvement District and Source of Funds

<u>ID No.</u>	<u>Project</u>	<u>Title</u>	<u>% Allocated</u>	<u>FY Direct</u>	<u>FY Direct + GA</u>	<u>Source of Funds</u>
150	3717	WELL 115 REPLACEMENT WELL/WELLHEAD & SITE ACQUIS.	18.4	541,549	568,854	BONDS YET TO BE SOLD**
	1006	WATER BANKING EXPANSION	26.1	471,105	482,198	BONDS YET TO BE SOLD**
	3766	STOCKDALE WEST RANCH JOINT BANKING PROJECT	26.1	220,154	240,825	BONDS YET TO BE SOLD**
	1459	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	26.1	130,291	149,057	BONDS YET TO BE SOLD**
	3633	GROUNDWATER DISPOSAL SYSTEM CONCEPT STUDY	26.1	77,804	98,110	BONDS YET TO BE SOLD**
	2812	STRAND RANCH FACILITIES AND MONITORING PROGRAM	26.1	75,664	82,633	BONDS YET TO BE SOLD**
	1095	HYDRAULIC MODEL UPDATE / CALIBRATION - DOMESTIC	26.1	66,268	81,902	BONDS YET TO BE SOLD**
	1346	PA 40 PHASE 2 DW FACILITIES	100.0	54,700	65,400	BONDS YET TO BE SOLD**
	1518	IDP WELLS,PIPELINES,TREATMENT PLNT IMPR DESIGN	31.2	45,053	60,965	BONDS YET TO BE SOLD**
	1402	WELLS 51/52/53 TREATMENT ALTERNATIVES STUDY	31.2	41,527	52,135	BONDS YET TO BE SOLD**
	1279	OPA / REGIONAL TRANSMISSION MAIN	23.2	42,154	42,154	BONDS YET TO BE SOLD**
	3667	JACKSON RANCH SOLAR PROJECT	26.1	22,446	36,644	BONDS YET TO BE SOLD**
	1338	WATER BANKING AGREEMENTS	26.1	14,903	34,635	BONDS YET TO BE SOLD**
	1780	ENG PLANNING STUDY RESERVE 13/14	7.1	14,058	23,714	BONDS YET TO BE SOLD**
	1391	CROSS VALLEY CANAL CAPACITY PURCHASE (KERN COUNTY)	26.1	22,629	23,516	BONDS YET TO BE SOLD**
	1540	WELL 106 REPLACEMENT DRILLING & SITE ACQUISITION	31.2	8,206	21,466	BONDS YET TO BE SOLD**
	4366	TUSIN LEGACY-TUSTIN RANCH-BARRANCA & ARMSTRONG DW	10.0	12,570	16,230	BONDS YET TO BE SOLD**
	4287	EOCWD - IRWD JOINT WELL PLANNING REPORT	26.1	12,711	14,486	BONDS YET TO BE SOLD**
	1285	GEN SYS MODS 13/14	7.1	9,606	12,262	BONDS YET TO BE SOLD**
	1469	OCWD ANNEXATION	7.1	9,905	11,175	BONDS YET TO BE SOLD**
	1409	DATS & WELL 77 LEASE PAYMENT 14/15	31.2	10,546	10,546	BONDS YET TO BE SOLD**
	1640	AUTOMATION SYSTEM IMPROVEMENTS DW	7.1	5,176	7,590	BONDS YET TO BE SOLD**
	1190	GIS SUPPORT APPLICATIONS 13/14	7.1	4,260	6,497	BONDS YET TO BE SOLD**
	4130	SJM BUILDING CAMPUS MOLD REMEDIATION	13.1	5,554	5,921	BONDS YET TO BE SOLD**
	1323	HYDRAULIC MODELING 13/14	7.1	3,124	4,331	BONDS YET TO BE SOLD**
	3772	SKYLIGHT PROTECTION	7.1	2,492	2,947	BONDS YET TO BE SOLD**
	4409	RMS AT 5 DOMESTIC WATER RESERVOIRS	7.1	426	1,101	BONDS YET TO BE SOLD**
				<b>\$8,573,918</b>	<b>\$8,998,272</b>	
153	1417	BAKER WTP	2.9	477,578	487,690	BONDS YET TO BE SOLD**
	4277	MANNING BPS PERMANENT GENERATOR	100.0	222,900	230,200	BONDS YET TO BE SOLD**
	1250	OPA / REGIONAL GROUNDWATER PROJECT	3.4	147,523	154,805	BONDS YET TO BE SOLD**
	4146	PORTOLA ZN 9 BPS PERMANENT GENERATOR	57.9	99,009	117,537	BONDS YET TO BE SOLD**
	3717	WELL 115 REPLACEMENT WELL/WELLHEAD & SITE ACQUIS.	2.0	58,864	61,832	BONDS YET TO BE SOLD**
	1006	WATER BANKING EXPANSION	2.9	52,345	53,578	BONDS YET TO BE SOLD**
	3766	STOCKDALE WEST RANCH JOINT BANKING PROJECT	2.9	24,462	26,758	BONDS YET TO BE SOLD**



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<u>ID No.</u>	<u>Project</u>	<u>Title</u>	<u>% Allocated</u>	<u>FY Direct</u>	<u>FY Direct + GA</u>	<u>Source of Funds</u>
153	1459	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	2.9	14,477	16,562	BONDS YET TO BE SOLD**
	3633	GROUNDWATER DISPOSAL SYSTEM CONCEPT STUDY	2.9	8,645	10,901	BONDS YET TO BE SOLD**
	2812	STRAND RANCH FACILITIES AND MONITORING PROGRAM	2.9	8,407	9,181	BONDS YET TO BE SOLD**
	1095	HYDRAULIC MODEL UPDATE / CALIBRATION - DOMESTIC	2.9	7,363	9,100	BONDS YET TO BE SOLD**
	1518	IDP WELLS,PIPELINES,TREATMENT PLNT IMPR DESIGN	3.4	4,910	6,644	BONDS YET TO BE SOLD**
	1402	WELLS 51/52/53 TREATMENT ALTERNATIVES STUDY	3.4	4,525	5,681	BONDS YET TO BE SOLD**
	1279	OPA / REGIONAL TRANSMISSION MAIN	2.6	4,724	4,724	BONDS YET TO BE SOLD**
	3667	JACKSON RANCH SOLAR PROJECT	2.9	2,494	4,072	BONDS YET TO BE SOLD**
	1338	WATER BANKING AGREEMENTS	2.9	1,656	3,848	BONDS YET TO BE SOLD**
	1780	ENG PLANNING STUDY RESERVE 13/14	0.8	1,584	2,672	BONDS YET TO BE SOLD**
	1391	CROSS VALLEY CANAL CAPACITY PURCHASE (KERN COUNTY)	2.9	2,514	2,613	BONDS YET TO BE SOLD**
	1540	WELL 106 REPLACEMENT DRILLING & SITE ACQUISITION	3.4	894	2,339	BONDS YET TO BE SOLD**
	4287	EOCWD - IRWD JOINT WELL PLANNING REPORT	2.9	1,412	1,610	BONDS YET TO BE SOLD**
	1285	GEN SYS MODS 13/14	0.8	1,082	1,382	BONDS YET TO BE SOLD**
	1469	OCWD ANNEXATION	0.8	1,116	1,259	BONDS YET TO BE SOLD**
	1409	DATS & WELL 77 LEASE PAYMENT 14/15	3.4	1,149	1,149	BONDS YET TO BE SOLD**
	1640	AUTOMATION SYSTEM IMPROVEMENTS DW	0.8	583	855	BONDS YET TO BE SOLD**
	1190	GIS SUPPORT APPLICATIONS 13/14	0.8	480	732	BONDS YET TO BE SOLD**
	4130	SJM BUILDING CAMPUS MOLD REMEDIATION	1.4	594	633	BONDS YET TO BE SOLD**
	1323	HYDRAULIC MODELING 13/14	0.8	352	488	BONDS YET TO BE SOLD**
	3772	SKYLIGHT PROTECTION	0.8	281	332	BONDS YET TO BE SOLD**
	4409	RMS AT 5 DOMESTIC WATER RESERVOIRS	0.8	48	124	BONDS YET TO BE SOLD**
				<b>\$1,151,971</b>	<b>\$1,219,301</b>	
154	1417	BAKER WTP	1.2	197,618	201,803	BONDS YET TO BE SOLD**
	1250	OPA / REGIONAL GROUNDWATER PROJECT	1.5	65,084	68,297	BONDS YET TO BE SOLD**
	3717	WELL 115 REPLACEMENT WELL/WELLHEAD & SITE ACQUIS.	0.9	26,489	27,824	BONDS YET TO BE SOLD**
	1006	WATER BANKING EXPANSION	1.2	21,660	22,170	BONDS YET TO BE SOLD**
	3766	STOCKDALE WEST RANCH JOINT BANKING PROJECT	1.2	10,122	11,072	BONDS YET TO BE SOLD**
	1459	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	1.2	5,990	6,853	BONDS YET TO BE SOLD**
	3633	GROUNDWATER DISPOSAL SYSTEM CONCEPT STUDY	1.2	3,577	4,511	BONDS YET TO BE SOLD**
	2812	STRAND RANCH FACILITIES AND MONITORING PROGRAM	1.2	3,479	3,799	BONDS YET TO BE SOLD**
	1095	HYDRAULIC MODEL UPDATE / CALIBRATION - DOMESTIC	1.2	3,047	3,766	BONDS YET TO BE SOLD**
	1518	IDP WELLS,PIPELINES,TREATMENT PLNT IMPR DESIGN	1.5	2,166	2,931	BONDS YET TO BE SOLD**
	1402	WELLS 51/52/53 TREATMENT ALTERNATIVES STUDY	1.5	1,997	2,507	BONDS YET TO BE SOLD**
	1279	OPA / REGIONAL TRANSMISSION MAIN	1.1	1,999	1,999	BONDS YET TO BE SOLD**

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154	3667	JACKSON RANCH SOLAR PROJECT	1.2	1,032	1,685	BONDS YET TO BE SOLD**
	1338	WATER BANKING AGREEMENTS	1.2	685	1,592	BONDS YET TO BE SOLD**
	1391	CROSS VALLEY CANAL CAPACITY PURCHASE (KERN COUNTY)	1.2	1,040	1,081	BONDS YET TO BE SOLD**
	1540	WELL 106 REPLACEMENT DRILLING & SITE ACQUISITION	1.5	395	1,032	BONDS YET TO BE SOLD**
	1780	ENG PLANNING STUDY RESERVE 13/14	0.3	594	1,002	BONDS YET TO BE SOLD**
	4287	EOCWD - IRWD JOINT WELL PLANNING REPORT	1.2	584	666	BONDS YET TO BE SOLD**
	1285	GEN SYS MODS 13/14	0.3	406	518	BONDS YET TO BE SOLD**
	1409	DATS & WELL 77 LEASE PAYMENT 14/15	1.5	507	507	BONDS YET TO BE SOLD**
	1469	OCWD ANNEXATION	0.3	419	472	BONDS YET TO BE SOLD**
	1640	AUTOMATION SYSTEM IMPROVEMENTS DW	0.3	219	321	BONDS YET TO BE SOLD**
	1190	GIS SUPPORT APPLICATIONS 13/14	0.3	180	275	BONDS YET TO BE SOLD**
	4130	SJM BUILDING CAMPUS MOLD REMEDIATION	0.6	254	271	BONDS YET TO BE SOLD**
	1323	HYDRAULIC MODELING 13/14	0.3	132	183	BONDS YET TO BE SOLD**
	3772	SKYLIGHT PROTECTION	0.3	105	125	BONDS YET TO BE SOLD**
	4409	RMS AT 5 DOMESTIC WATER RESERVOIRS	0.3	18	47	BONDS YET TO BE SOLD**
				<b>\$349,798</b>	<b>\$367,309</b>	
155	1371	HARDING TRUCK TRAIL RESERVOIR DEMOLITION	100.0	5,000	6,600	CAPITAL FUND
				<b>\$5,000</b>	<b>\$6,600</b>	
156	1279	OPA / REGIONAL TRANSMISSION MAIN	25.0	45,425	45,425	CAPITAL FUND
				<b>\$45,425</b>	<b>\$45,425</b>	
161	1417	BAKER WTP	6.7	1,103,369	1,126,732	BONDS YET TO BE SOLD**
	1250	OPA / REGIONAL GROUNDWATER PROJECT	8.0	347,112	364,248	BONDS YET TO BE SOLD**
	3717	WELL 115 REPLACEMENT WELL/WELLHEAD & SITE ACQUIS.	4.7	138,330	145,305	BONDS YET TO BE SOLD**
	1006	WATER BANKING EXPANSION	6.7	120,935	123,783	BONDS YET TO BE SOLD**
	3766	STOCKDALE WEST RANCH JOINT BANKING PROJECT	6.7	56,515	61,821	BONDS YET TO BE SOLD**
	1459	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	6.7	33,446	38,264	BONDS YET TO BE SOLD**
	3633	GROUNDWATER DISPOSAL SYSTEM CONCEPT STUDY	6.7	19,973	25,185	BONDS YET TO BE SOLD**
	2812	STRAND RANCH FACILITIES AND MONITORING PROGRAM	6.7	19,423	21,212	BONDS YET TO BE SOLD**
	1095	HYDRAULIC MODEL UPDATE / CALIBRATION - DOMESTIC	6.7	17,011	21,025	BONDS YET TO BE SOLD**
	1518	IDP WELLS,PIPELINES,TREATMENT PLNT IMPR DESIGN	8.0	11,552	15,632	BONDS YET TO BE SOLD**
	1402	WELLS 51/52/53 TREATMENT ALTERNATIVES STUDY	8.0	10,648	13,368	BONDS YET TO BE SOLD**

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161	1279	OPA / REGIONAL TRANSMISSION MAIN	6.0	10,902	10,902	BONDS YET TO BE SOLD**
	3667	JACKSON RANCH SOLAR PROJECT	6.7	5,762	9,407	BONDS YET TO BE SOLD**
	1338	WATER BANKING AGREEMENTS	6.7	3,826	8,891	BONDS YET TO BE SOLD**
	1391	CROSS VALLEY CANAL CAPACITY PURCHASE (KERN COUNTY)	6.7	5,809	6,037	BONDS YET TO BE SOLD**
	1780	ENG PLANNING STUDY RESERVE 13/14	1.8	3,564	6,012	BONDS YET TO BE SOLD**
	1540	WELL 106 REPLACEMENT DRILLING & SITE ACQUISITION	8.0	2,104	5,504	BONDS YET TO BE SOLD**
	4287	EOCWD - IRWD JOINT WELL PLANNING REPORT	6.7	3,263	3,719	BONDS YET TO BE SOLD**
	1285	GEN SYS MODS 13/14	1.8	2,435	3,109	BONDS YET TO BE SOLD**
	1469	OCWD ANNEXATION	1.8	2,511	2,833	BONDS YET TO BE SOLD**
	1409	DATS & WELL 77 LEASE PAYMENT 14/15	8.0	2,704	2,704	BONDS YET TO BE SOLD**
	1640	AUTOMATION SYSTEM IMPROVEMENTS DW	1.8	1,312	1,924	BONDS YET TO BE SOLD**
	1190	GIS SUPPORT APPLICATIONS 13/14	1.8	1,080	1,647	BONDS YET TO BE SOLD**
	4130	SJM BUILDING CAMPUS MOLD REMEDIATION	3.4	1,442	1,537	BONDS YET TO BE SOLD**
	1323	HYDRAULIC MODELING 13/14	1.8	792	1,098	BONDS YET TO BE SOLD**
	3772	SKYLIGHT PROTECTION	1.8	632	747	BONDS YET TO BE SOLD**
	4409	RMS AT 5 DOMESTIC WATER RESERVOIRS	1.8	108	279	BONDS YET TO BE SOLD**
				<b>\$1,926,560</b>	<b>\$2,022,925</b>	
182	1417	BAKER WTP	2.5	411,705	420,423	BONDS YET TO BE SOLD**
	1250	OPA / REGIONAL GROUNDWATER PROJECT	3.0	130,167	136,593	BONDS YET TO BE SOLD**
	3717	WELL 115 REPLACEMENT WELL/WELLHEAD & SITE ACQUIS.	1.8	52,978	55,649	BONDS YET TO BE SOLD**
	1006	WATER BANKING EXPANSION	2.5	45,125	46,188	BONDS YET TO BE SOLD**
	3766	STOCKDALE WEST RANCH JOINT BANKING PROJECT	2.5	21,088	23,068	BONDS YET TO BE SOLD**
	1459	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	2.5	12,480	14,278	BONDS YET TO BE SOLD**
	3633	GROUNDWATER DISPOSAL SYSTEM CONCEPT STUDY	2.5	7,453	9,398	BONDS YET TO BE SOLD**
	2812	STRAND RANCH FACILITIES AND MONITORING PROGRAM	2.5	7,248	7,915	BONDS YET TO BE SOLD**
	1095	HYDRAULIC MODEL UPDATE / CALIBRATION - DOMESTIC	2.5	6,348	7,845	BONDS YET TO BE SOLD**
	1518	IDP WELLS,PIPELINES,TREATMENT PLNT IMPR DESIGN	3.0	4,332	5,862	BONDS YET TO BE SOLD**
	1402	WELLS 51/52/53 TREATMENT ALTERNATIVES STUDY	3.0	3,993	5,013	BONDS YET TO BE SOLD**
	1279	OPA / REGIONAL TRANSMISSION MAIN	2.3	4,179	4,179	BONDS YET TO BE SOLD**
	3667	JACKSON RANCH SOLAR PROJECT	2.5	2,150	3,510	BONDS YET TO BE SOLD**
	1338	WATER BANKING AGREEMENTS	2.5	1,428	3,318	BONDS YET TO BE SOLD**
	1780	ENG PLANNING STUDY RESERVE 13/14	0.7	1,386	2,338	BONDS YET TO BE SOLD**
	1391	CROSS VALLEY CANAL CAPACITY PURCHASE (KERN COUNTY)	2.5	2,168	2,253	BONDS YET TO BE SOLD**
	1540	WELL 106 REPLACEMENT DRILLING & SITE ACQUISITION	3.0	789	2,064	BONDS YET TO BE SOLD**
	4287	EOCWD - IRWD JOINT WELL PLANNING REPORT	2.5	1,218	1,388	BONDS YET TO BE SOLD**

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182	1285	GEN SYS MODS 13/14	0.7	947	1,209	BONDS YET TO BE SOLD**
	1469	OCWD ANNEXATION	0.7	977	1,102	BONDS YET TO BE SOLD**
	1409	DATS & WELL 77 LEASE PAYMENT 14/15	3.0	1,014	1,014	BONDS YET TO BE SOLD**
	1640	AUTOMATION SYSTEM IMPROVEMENTS DW	0.7	510	748	BONDS YET TO BE SOLD**
	1190	GIS SUPPORT APPLICATIONS 13/14	0.7	420	641	BONDS YET TO BE SOLD**
	4130	SJM BUILDING CAMPUS MOLD REMEDIATION	1.2	509	542	BONDS YET TO BE SOLD**
	1323	HYDRAULIC MODELING 13/14	0.7	308	427	BONDS YET TO BE SOLD**
	3772	SKYLIGHT PROTECTION	0.7	246	291	BONDS YET TO BE SOLD**
	4409	RMS AT 5 DOMESTIC WATER RESERVOIRS	0.7	42	109	BONDS YET TO BE SOLD**
				<b>\$721,208</b>	<b>\$757,365</b>	
184	1417	BAKER WTP	2.3	378,769	386,789	BONDS YET TO BE SOLD**
	1250	OPA / REGIONAL GROUNDWATER PROJECT	2.8	121,489	127,487	BONDS YET TO BE SOLD**
	3717	WELL 115 REPLACEMENT WELL/WELLHEAD & SITE ACQUIS.	1.6	47,091	49,466	BONDS YET TO BE SOLD**
	1006	WATER BANKING EXPANSION	2.3	41,515	42,493	BONDS YET TO BE SOLD**
	3766	STOCKDALE WEST RANCH JOINT BANKING PROJECT	2.3	19,401	21,222	BONDS YET TO BE SOLD**
	1459	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	2.3	11,482	13,135	BONDS YET TO BE SOLD**
	3633	GROUNDWATER DISPOSAL SYSTEM CONCEPT STUDY	2.3	6,856	8,646	BONDS YET TO BE SOLD**
	2812	STRAND RANCH FACILITIES AND MONITORING PROGRAM	2.3	6,668	7,282	BONDS YET TO BE SOLD**
	1095	HYDRAULIC MODEL UPDATE / CALIBRATION - DOMESTIC	2.3	5,840	7,217	BONDS YET TO BE SOLD**
	1518	IDP WELLS,PIPELINES,TREATMENT PLNT IMPR DESIGN	2.8	4,043	5,471	BONDS YET TO BE SOLD**
	1402	WELLS 51/52/53 TREATMENT ALTERNATIVES STUDY	2.8	3,727	4,679	BONDS YET TO BE SOLD**
	1279	OPA / REGIONAL TRANSMISSION MAIN	2.1	3,816	3,816	BONDS YET TO BE SOLD**
	3667	JACKSON RANCH SOLAR PROJECT	2.3	1,978	3,229	BONDS YET TO BE SOLD**
	1338	WATER BANKING AGREEMENTS	2.3	1,313	3,052	BONDS YET TO BE SOLD**
	1391	CROSS VALLEY CANAL CAPACITY PURCHASE (KERN COUNTY)	2.3	1,994	2,072	BONDS YET TO BE SOLD**
	1780	ENG PLANNING STUDY RESERVE 13/14	0.6	1,188	2,004	BONDS YET TO BE SOLD**
	1540	WELL 106 REPLACEMENT DRILLING & SITE ACQUISITION	2.8	736	1,926	BONDS YET TO BE SOLD**
	4287	EOCWD - IRWD JOINT WELL PLANNING REPORT	2.3	1,120	1,277	BONDS YET TO BE SOLD**
	1285	GEN SYS MODS 13/14	0.6	812	1,036	BONDS YET TO BE SOLD**
	1409	DATS & WELL 77 LEASE PAYMENT 14/15	2.8	946	946	BONDS YET TO BE SOLD**
	1469	OCWD ANNEXATION	0.6	837	944	BONDS YET TO BE SOLD**
	1640	AUTOMATION SYSTEM IMPROVEMENTS DW	0.6	437	641	BONDS YET TO BE SOLD**
	1190	GIS SUPPORT APPLICATIONS 13/14	0.6	360	549	BONDS YET TO BE SOLD**
	4130	SJM BUILDING CAMPUS MOLD REMEDIATION	1.2	509	542	BONDS YET TO BE SOLD**
	1323	HYDRAULIC MODELING 13/14	0.6	264	366	BONDS YET TO BE SOLD**

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184	3772	SKYLIGHT PROTECTION	0.6	211	249	BONDS YET TO BE SOLD**
	4409	RMS AT 5 DOMESTIC WATER RESERVOIRS	0.6	36	93	BONDS YET TO BE SOLD**
				<b>\$663,438</b>	<b>\$696,629</b>	
186	1417	BAKER WTP	0.8	131,746	134,535	BONDS YET TO BE SOLD**
	4146	PORTOLA ZN 9 BPS PERMANENT GENERATOR	25.2	43,092	51,156	BONDS YET TO BE SOLD**
	1250	OPA / REGIONAL GROUNDWATER PROJECT	1.0	43,389	45,531	BONDS YET TO BE SOLD**
	3717	WELL 115 REPLACEMENT WELL/WELLHEAD & SITE ACQUIS.	0.6	17,659	18,550	BONDS YET TO BE SOLD**
	1006	WATER BANKING EXPANSION	0.8	14,440	14,780	BONDS YET TO BE SOLD**
	3766	STOCKDALE WEST RANCH JOINT BANKING PROJECT	0.8	6,748	7,382	BONDS YET TO BE SOLD**
	1459	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	0.8	3,994	4,569	BONDS YET TO BE SOLD**
	3633	GROUNDWATER DISPOSAL SYSTEM CONCEPT STUDY	0.8	2,385	3,007	BONDS YET TO BE SOLD**
	2812	STRAND RANCH FACILITIES AND MONITORING PROGRAM	0.8	2,319	2,533	BONDS YET TO BE SOLD**
	1095	HYDRAULIC MODEL UPDATE / CALIBRATION - DOMESTIC	0.8	2,031	2,510	BONDS YET TO BE SOLD**
	1518	IDP WELLS,PIPELINES,TREATMENT PLNT IMPR DESIGN	1.0	1,444	1,954	BONDS YET TO BE SOLD**
	1402	WELLS 51/52/53 TREATMENT ALTERNATIVES STUDY	1.0	1,331	1,671	BONDS YET TO BE SOLD**
	1279	OPA / REGIONAL TRANSMISSION MAIN	0.8	1,454	1,454	BONDS YET TO BE SOLD**
	3667	JACKSON RANCH SOLAR PROJECT	0.8	688	1,123	BONDS YET TO BE SOLD**
	1338	WATER BANKING AGREEMENTS	0.8	457	1,062	BONDS YET TO BE SOLD**
	1391	CROSS VALLEY CANAL CAPACITY PURCHASE (KERN COUNTY)	0.8	694	721	BONDS YET TO BE SOLD**
	1540	WELL 106 REPLACEMENT DRILLING & SITE ACQUISITION	1.0	263	688	BONDS YET TO BE SOLD**
	1780	ENG PLANNING STUDY RESERVE 13/14	0.2	396	668	BONDS YET TO BE SOLD**
	4287	EOCWD - IRWD JOINT WELL PLANNING REPORT	0.8	390	444	BONDS YET TO BE SOLD**
	1285	GEN SYS MODS 13/14	0.2	271	345	BONDS YET TO BE SOLD**
	1409	DATS & WELL 77 LEASE PAYMENT 14/15	1.0	338	338	BONDS YET TO BE SOLD**
	1469	OCWD ANNEXATION	0.2	279	315	BONDS YET TO BE SOLD**
	1640	AUTOMATION SYSTEM IMPROVEMENTS DW	0.2	146	214	BONDS YET TO BE SOLD**
	1190	GIS SUPPORT APPLICATIONS 13/14	0.2	120	183	BONDS YET TO BE SOLD**
	4130	SJM BUILDING CAMPUS MOLD REMEDIATION	0.4	170	181	BONDS YET TO BE SOLD**
	1323	HYDRAULIC MODELING 13/14	0.2	88	122	BONDS YET TO BE SOLD**
	3772	SKYLIGHT PROTECTION	0.2	70	83	BONDS YET TO BE SOLD**
	4409	RMS AT 5 DOMESTIC WATER RESERVOIRS	0.2	12	31	BONDS YET TO BE SOLD**
				<b>\$276,414</b>	<b>\$296,150</b>	
188	1417	BAKER WTP	0.8	131,746	134,535	BONDS YET TO BE SOLD**

# IRVINE RANCH WATER DISTRICT

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<u>ID No.</u>	<u>Project</u>	<u>Title</u>	<u>% Allocated</u>	<u>FY Direct</u>	<u>FY Direct + GA</u>	<u>Source of Funds</u>
188	1250	OPA / REGIONAL GROUNDWATER PROJECT	1.0	43,389	45,531	BONDS YET TO BE SOLD**
	4146	PORTOLA ZN 9 BPS PERMANENT GENERATOR	16.9	28,899	34,307	BONDS YET TO BE SOLD**
	3717	WELL 115 REPLACEMENT WELL/WELLHEAD & SITE ACQUIS.	0.6	17,659	18,550	BONDS YET TO BE SOLD**
	1006	WATER BANKING EXPANSION	0.8	14,440	14,780	BONDS YET TO BE SOLD**
	3766	STOCKDALE WEST RANCH JOINT BANKING PROJECT	0.8	6,748	7,382	BONDS YET TO BE SOLD**
	1459	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	0.8	3,994	4,569	BONDS YET TO BE SOLD**
	3633	GROUNDWATER DISPOSAL SYSTEM CONCEPT STUDY	0.8	2,385	3,007	BONDS YET TO BE SOLD**
	2812	STRAND RANCH FACILITIES AND MONITORING PROGRAM	0.8	2,319	2,533	BONDS YET TO BE SOLD**
	1095	HYDRAULIC MODEL UPDATE / CALIBRATION - DOMESTIC	0.8	2,031	2,510	BONDS YET TO BE SOLD**
	1518	IDP WELLS,PIPELINES,TREATMENT PLNT IMPR DESIGN	1.0	1,444	1,954	BONDS YET TO BE SOLD**
	1402	WELLS 51/52/53 TREATMENT ALTERNATIVES STUDY	1.0	1,331	1,671	BONDS YET TO BE SOLD**
	1279	OPA / REGIONAL TRANSMISSION MAIN	0.8	1,454	1,454	BONDS YET TO BE SOLD**
	3667	JACKSON RANCH SOLAR PROJECT	0.8	688	1,123	BONDS YET TO BE SOLD**
	1338	WATER BANKING AGREEMENTS	0.8	457	1,062	BONDS YET TO BE SOLD**
	1391	CROSS VALLEY CANAL CAPACITY PURCHASE (KERN COUNTY)	0.8	694	721	BONDS YET TO BE SOLD**
	1540	WELL 106 REPLACEMENT DRILLING & SITE ACQUISITION	1.0	263	688	BONDS YET TO BE SOLD**
	1780	ENG PLANNING STUDY RESERVE 13/14	0.2	396	668	BONDS YET TO BE SOLD**
	4287	EOCWD - IRWD JOINT WELL PLANNING REPORT	0.8	390	444	BONDS YET TO BE SOLD**
	1285	GEN SYS MODS 13/14	0.2	271	345	BONDS YET TO BE SOLD**
	1409	DATS & WELL 77 LEASE PAYMENT 14/15	1.0	338	338	BONDS YET TO BE SOLD**
	1469	OCWD ANNEXATION	0.2	279	315	BONDS YET TO BE SOLD**
	1640	AUTOMATION SYSTEM IMPROVEMENTS DW	0.2	146	214	BONDS YET TO BE SOLD**
	1190	GIS SUPPORT APPLICATIONS 13/14	0.2	120	183	BONDS YET TO BE SOLD**
	4130	SJM BUILDING CAMPUS MOLD REMEDIATION	0.4	170	181	BONDS YET TO BE SOLD**
	1323	HYDRAULIC MODELING 13/14	0.2	88	122	BONDS YET TO BE SOLD**
	3772	SKYLIGHT PROTECTION	0.2	70	83	BONDS YET TO BE SOLD**
	4409	RMS AT 5 DOMESTIC WATER RESERVOIRS	0.2	12	31	BONDS YET TO BE SOLD**
				<b>\$262,221</b>	<b>\$279,301</b>	
199	1780	ENG PLANNING STUDY RESERVE 13/14	72.9	144,342	243,486	CAPITAL FUND ENHANCEMENT*
	1285	GEN SYS MODS 13/14	72.9	98,634	125,898	CAPITAL FUND ENHANCEMENT*
	1469	OCWD ANNEXATION	72.9	101,696	114,745	CAPITAL FUND ENHANCEMENT*
	1640	AUTOMATION SYSTEM IMPROVEMENTS DW	72.9	53,144	77,930	CAPITAL FUND ENHANCEMENT*
	1190	GIS SUPPORT APPLICATIONS 13/14	72.9	43,740	66,704	CAPITAL FUND ENHANCEMENT*
	1323	HYDRAULIC MODELING 13/14	72.9	32,076	44,469	CAPITAL FUND ENHANCEMENT*
	3772	SKYLIGHT PROTECTION	72.9	25,588	30,254	CAPITAL FUND ENHANCEMENT*

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<u>ID No.</u>	<u>Project</u>	<u>Title</u>	<u>% Allocated</u>	<u>FY Direct</u>	<u>FY Direct + GA</u>	<u>Source of Funds</u>
199	4409	RMS AT 5 DOMESTIC WATER RESERVOIRS	72.9	4,374	11,300	CAPITAL FUND ENHANCEMENT*
				<b>\$503,594</b>	<b>\$714,786</b>	
210	4286	MWRP BIOSOLIDS AND ENERGY RECOVERY FACILITIES	45.5	18,565,820	19,204,185	REPLACEMENT FUND**
	3237	UTILITY BILLING ORACLE CC AND B IMPLEMENTATION	100.0	3,269,400	3,511,600	REPLACEMENT FUND**
	4467	MWRP SECONDARY REPAIR AND REHABILITATION	100.0	761,500	888,700	REPLACEMENT FUND
	1543	OCSO CORF 13/14	49.9	748,101	748,101	REPLACEMENT FUND**
	1400	OCSO SOLIDS HANDLING 13/14	49.9	630,736	630,736	REPLACEMENT FUND**
	4530	TUSTIN ZONE C STRAINER REPLACEMENT	100.0	390,500	450,000	REPLACEMENT FUND**
	1477	LAWRP BIOSOLIDS FACILITY	100.0	363,500	432,200	REPLACEMENT FUND**
	3567	ENTERPRISE ASSET MANAGEMENT SOFTWARE ASSESS/EVAL	100.0	382,200	382,200	REPLACEMENT FUND**
	4431	MECH & ELEC SYS MODS - SEWER 13/14	100.0	350,000	350,000	REPLACEMENT FUND**
	4424	MECH & ELEC SYS MODS - RW 13/14	100.0	350,000	350,000	REPLACEMENT FUND**
	1129	SEWER PIPELINE REHABILITATION	100.0	233,200	275,700	REPLACEMENT FUND**
	4328	WELL REHAB PROGRAM RW 13/14 THRU 15/16	100.0	231,700	265,600	REPLACEMENT FUND**
	4437	MWRP GEN SYS MODS 13/14	100.0	264,000	264,000	REPLACEMENT FUND**
	1090	SCADA WATER SYSTEM REPLACEMENT	100.0	216,800	235,900	REPLACEMENT FUND**
	1333	SERVICE LINE, VALVE & MAIN REPLACEMENT 13/14	100.0	206,800	223,800	REPLACEMENT FUND**
	4398	PEREZ RESERVOIR DEMOLITION	100.0	192,500	218,000	CAPITAL FUND
	1491	SERVICE LINE & MAIN REPLACEMENT 13/14	100.0	200,200	217,200	REPLACEMENT FUND**
	4419	LAWRP GENERAL SYSTEM MODIFICATIONS 13/14	100.0	210,000	210,000	REPLACEMENT FUND**
	4408	LAWRP TERTIARY FACILITY REPAIR AND RECOATING	100.0	162,800	196,500	REPLACEMENT FUND**
	4271	2013 IRVINE ANNUAL STREET REHAB, SEWER ADJUSTMENTS	100.0	179,500	194,800	REPLACEMENT FUND**
	1161	RECYCLED WATER PIPELINE REHABILITATION	100.0	138,300	180,800	REPLACEMENT FUND**
	1415	RAISE SYSTEM VALVES 13/14	100.0	170,500	179,000	REPLACEMENT FUND**
	1541	OCSO CORF 12/13	49.9	168,063	168,063	REPLACEMENT FUND**
	4395	PROJECT ACCOUNTING & MANAGEMENT IMPLEMENTATION	100.0	142,600	165,200	REPLACEMENT FUND**
	4572	RAISE MANHOLES TO GRADE 13/14	100.0	165,000	165,000	REPLACEMENT FUND**
	4465	RW CONVERSION GRANTS FOR ON-SITE 13/14	50.0	125,000	150,500	REPLACEMENT FUND**
	1030	SEWER VAULT LID REHABILITATION	100.0	121,200	146,700	REPLACEMENT FUND**
	1011	1" TO 2" METER REPLACEMENT 13/14	100.0	120,500	133,300	REPLACEMENT FUND**
	1490	MWRP BACKWASH SUPPLY PUMP REPLACEMENT	100.0	131,900	131,900	REPLACEMENT FUND**
	1065	RECYCLED VAULT LID REHABILITATION	100.0	111,100	122,000	REPLACEMENT FUND**
	3780	SAN JOAQUIN RESERVOIR LINER REPLACEMENT	100.0	75,100	117,600	REPLACEMENT FUND**
	1549	HQ LIGHTING RETROFIT & CEILING REPLACE	100.0	75,200	107,800	REPLACEMENT FUND**
	4464	RW CONVERSION FOR OFF-SITE 13/14	50.0	72,900	94,150	REPLACEMENT FUND**

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210	1534	MWRP MPS-3 PUMP REPLACEMENT	100.0	84,900	84,900	REPLACEMENT FUND**
	3784	ENERGY EFFICIENCY PUMP REPLACEMENT - RW 13/14	100.0	55,000	63,500	REPLACEMENT FUND**
	4416	LAWRP AERATOR REPLACEMENT 13/14	100.0	60,000	60,000	REPLACEMENT FUND**
	1357	CSR METER REPLACEMENT 13/14	100.0	51,700	55,100	REPLACEMENT FUND**
	3750	SOCWA CROSSING PROTECTION	100.0	50,000	50,000	REPLACEMENT FUND**
	4573	CHIQUITA GENERAL SYSTEM MODIFICATIONS 13/14	100.0	44,000	44,000	REPLACEMENT FUND**
	1629	DISTRICT WIDE SEWER REHAB BY LINING PHASE 2	100.0	24,600	37,200	REPLACEMENT FUND**
	1257	HQ LIGHTING RETROFIT & CEILING REPLACE	100.0	16,900	25,700	REPLACEMENT FUND**
	1248	ASPHALT REPAIR PROGRAM - RW	100.0	20,200	24,400	REPLACEMENT FUND**
	4434	MWRP ANOXIC MIXER REPLACEMENT 13/14	100.0	19,500	19,500	REPLACEMENT FUND**
	3727	PLANNING AND BUDGETING SOFTWARE REPLACEMENT	100.0	18,200	18,900	REPLACEMENT FUND**
	4455	LAWRP SCADA SERVER REPLACEMENT	100.0	14,900	18,500	REPLACEMENT FUND**
	4272	2013 IRVINE ANNUAL STREET REHAB, RW ADJUSTMENTS	100.0	12,900	15,900	REPLACEMENT FUND**
	4449	AUTOMATION SYSTEM REPLACEMENT RW 13/14	100.0	15,000	15,000	REPLACEMENT FUND**
	1132	CPTS RESTORE AND INSTALL	100.0	7,100	10,700	REPLACEMENT FUND**
	4452	AUTOMATION SYSTEM REPLACEMENT SEWER 13/14	100.0	10,000	10,000	REPLACEMENT FUND**
	1590	LAKE FOREST SEWER MUIRLANDS, EL TORO TO LAWRP	75.0	2,250	5,625	REPLACEMENT FUND**
				<b>\$30,033,770</b>	<b>\$31,670,160</b>	
211	4286	MWRP BIOSOLIDS AND ENERGY RECOVERY FACILITIES	4.6	1,876,984	1,941,522	CAPITAL FUND
	1024	PA9 JEFFREY RD PIPELINES, 36" ZNA, 36" SYPHON	2.1	32,827	34,140	CAPITAL FUND
	1543	OCSO CORF 13/14	2.2	32,982	32,982	CAPITAL FUND
	1400	OCSO SOLIDS HANDLING 13/14	2.2	27,808	27,808	CAPITAL FUND
	1152	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	10.8	21,168	23,101	CAPITAL FUND
	1106	HYDRAULIC MODEL UPDATE / CALIBRATION - NONPOTABLE	1.9	6,660	8,233	CAPITAL FUND
	1541	OCSO CORF 12/13	2.2	7,410	7,410	CAPITAL FUND
	4157	UNIVERSITY LS ODOR CONTROL SYSTEM	2.5	6,365	6,935	CAPITAL FUND
	1350	ENG PLANNING STUDY RESERVE 13/14	2.2	3,775	6,618	CAPITAL FUND
	4574	SEWER GEN SYS MODS 13/14	2.2	6,050	6,050	CAPITAL FUND
	1599	MWRP EXPANSION PHASE II	10.8	4,849	5,346	CAPITAL FUND
	3729	SYPHON RESERVOIR INTERIM IMPROVEMENTS	2.1	3,944	4,122	CAPITAL FUND
	4397	LAWRP SYSTEM UPGRADES	2.2	2,484	3,698	CAPITAL FUND
	3779	SALT MANAGEMENT PLAN DEVELOPMENT	2.3	2,532	3,022	CAPITAL FUND
	4465	RW CONVERSION GRANTS FOR ON-SITE 13/14	1.0	2,500	3,010	CAPITAL FUND
	4228	PA 9B RW AND SYPHON LATERAL PIPELINE, PHASE 3	2.1	2,757	2,972	CAPITAL FUND
	1691	GIS SUPPORT APPLICATIONS 13/14	2.2	1,320	2,013	CAPITAL FUND



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211	4463	HEALTH DEPT FEES FOR 13/14	1.9	1,609	1,965	CAPITAL FUND
	1575	ENG PLANNING STUDY RESERVE 13/14	0.7	1,232	1,946	CAPITAL FUND
	4464	RW CONVERSION FOR OFF-SITE 13/14	1.0	1,458	1,883	CAPITAL FUND
	4466	RW SITE INSPECTION & TESTING COMPUTER PROGRAM	2.3	1,139	1,530	CAPITAL FUND
	4256	MANHOLE CONST MAIN AND SKY PARK SOUTH	2.5	1,215	1,515	CAPITAL FUND
	1734	HYDRAULIC MODELING 13/14	2.2	968	1,342	CAPITAL FUND
	1776	LAWRP SYSTEM UPGRADES	0.7	846	1,262	CAPITAL FUND
	1136	LONG TERM SEWER SYSTEM FLOW MONITORING	7.7	963	1,209	CAPITAL FUND
	1016	AUTOMATION SYSTEM IMPROVEMENTS SEWER	2.2	880	1,129	CAPITAL FUND
	1060	FOOTHILL SEWER DIVERSION TO LAWRP	9.1	710	983	CAPITAL FUND
	4396	CATHODIC PROTECTION FOR GAP PIPE SEGMENT	0.7	847	966	CAPITAL FUND
	3777	SKYLIGHT PROTECTION	2.2	772	913	CAPITAL FUND
	1706	MWRP EXPANSION PHASE II	2.3	773	883	CAPITAL FUND
	1813	IRVINE LAKE SEISMIC STABILITY STUDY	2.3	630	879	CAPITAL FUND
	4388	MULTI-ZONE REGIONAL PS - ZONE A TO SYPHON	2.1	533	798	CAPITAL FUND
	1054	AUTOMATION SYSTEM IMPROVEMENTS RW	0.7	510	748	CAPITAL FUND
	1795	GIS SUPPORT APPLICATIONS 13/14	0.7	420	641	CAPITAL FUND
	1406	GEN SYS MODS 13/14	0.7	408	551	CAPITAL FUND
	1736	HYDRAULIC MODELING 13/14	0.7	308	427	CAPITAL FUND
	3783	SKYLIGHT PROTECTION	0.7	246	291	CAPITAL FUND
	4456	SYPHON RESERVOIR EXPANSION - ENV. DOCUMENTATION	2.1	158	170	CAPITAL FUND
	3808	SYPHON RESERVOIR EXPANSION	0.7	17	29	CAPITAL FUND
	1495	OCS D EQUITY 12/13	10.8	11	11	CAPITAL FUND
	1504	OCS D EQUITY 13/14	10.8	11	11	CAPITAL FUND
				<b>\$2,059,079</b>	<b>\$2,141,064</b>	
212	4266	PA 51 REACH B SEWER, OCTA R/W TO LV ST	90.0	1,844,190	2,067,030	BONDS YET TO BE SOLD**
	4286	MWRP BIOSOLIDS AND ENERGY RECOVERY FACILITIES	2.0	816,080	844,140	BONDS YET TO BE SOLD**
	4265	PA 51 REACH B RW, OCTA R/W TO LV ST	90.0	643,950	712,890	BONDS YET TO BE SOLD**
	4147	PA 51 MARINE WAY RW ZONE B	100.0	314,800	374,300	BONDS YET TO BE SOLD**
	3983	PA 51 TRABUCO RD, SR133 TO LY ST RW	100.0	280,800	326,300	BONDS YET TO BE SOLD**
	1024	PA9 JEFFREY RD PIPELINES, 36" ZNA, 36" SYPHON	13.2	206,342	214,592	BONDS YET TO BE SOLD**
	4263	PA 51 O ST, TRABUCO TO LN ST - SS	100.0	175,100	205,000	BONDS YET TO BE SOLD**
	4367	TUSIN LEGACY-TUSTIN RANCH-BARRANCA & ARMSTRONG SS	90.0	113,130	146,070	BONDS YET TO BE SOLD**
	4368	TUSIN LEGACY-TUSTIN RANCH-BARRANCA & ARMSTRONG RW	90.0	111,510	144,450	BONDS YET TO BE SOLD**
	4267	PA 51 O ST, MARINE WAY TO TRABUCO - SEWER	100.0	120,100	142,500	BONDS YET TO BE SOLD**

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212	4278	PA 51 O ST, MARINE WAY TO TRABUCO - RW	100.0	88,700	114,500	BONDS YET TO BE SOLD**
	3980	PA 51 TRABUCO RD, SR133 TO LY ST SEWER	100.0	89,400	106,500	BONDS YET TO BE SOLD**
	1167	GREAT PARK COORDINATION AND SAMP UPDATE	100.0	47,500	72,000	BONDS YET TO BE SOLD**
	1106	HYDRAULIC MODEL UPDATE / CALIBRATION - NONPOTABLE	15.7	55,029	68,028	BONDS YET TO BE SOLD**
	4264	PA 51 O ST, TRABUCO TO LN ST - RW	100.0	52,500	64,500	BONDS YET TO BE SOLD**
	4097	PA 51 RIDGE VALLEY RW FACILITIES	100.0	39,200	47,000	BONDS YET TO BE SOLD**
	4096	PA 51 IRVINE BLVD RW FACILITIES	100.0	25,400	29,200	BONDS YET TO BE SOLD**
	3729	SYPHON RESERVOIR INTERIM IMPROVEMENTS	13.2	24,790	25,912	BONDS YET TO BE SOLD**
	4465	RW CONVERSION GRANTS FOR ON-SITE 13/14	7.8	19,500	23,478	BONDS YET TO BE SOLD**
	3779	SALT MANAGEMENT PLAN DEVELOPMENT	14.3	15,744	18,790	BONDS YET TO BE SOLD**
	4228	PA 9B RW AND SYPHON LATERAL PIPELINE, PHASE 3	13.2	17,332	18,678	BONDS YET TO BE SOLD**
	4095	PA 51 IRVINE BLVD SS FACILITIES	100.0	14,800	17,700	BONDS YET TO BE SOLD**
	1543	OCSO CORF 13/14	1.1	16,491	16,491	BONDS YET TO BE SOLD**
	4463	HEALTH DEPT FEES FOR 13/14	15.7	13,298	16,234	BONDS YET TO BE SOLD**
	4464	RW CONVERSION FOR OFF-SITE 13/14	7.8	11,372	14,687	BONDS YET TO BE SOLD**
	1400	OCSO SOLIDS HANDLING 13/14	1.1	13,904	13,904	BONDS YET TO BE SOLD**
	1575	ENG PLANNING STUDY RESERVE 13/14	4.3	7,568	11,954	BONDS YET TO BE SOLD**
	4400	MULTI-ZONE REGIONAL PS - ZONE C	27.5	8,113	11,578	BONDS YET TO BE SOLD**
	1152	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	4.6	9,016	9,839	BONDS YET TO BE SOLD**
	4466	RW SITE INSPECTION & TESTING COMPUTER PROGRAM	14.3	7,079	9,510	BONDS YET TO BE SOLD**
	4457	MULTI-ZONE REGIONAL PS - ZONE B	24.6	5,609	8,708	BONDS YET TO BE SOLD**
	1776	LAWRP SYSTEM UPGRADES	4.3	5,194	7,753	BONDS YET TO BE SOLD**
	4396	CATHODIC PROTECTION FOR GAP PIPE SEGMENT	4.7	5,687	6,486	BONDS YET TO BE SOLD**
	1706	MWRP EXPANSION PHASE II	14.3	4,805	5,491	BONDS YET TO BE SOLD**
	1813	IRVINE LAKE SEISMIC STABILITY STUDY	14.3	3,918	5,463	BONDS YET TO BE SOLD**
	4388	MULTI-ZONE REGIONAL PS - ZONE A TO SYPHON	13.2	3,353	5,016	BONDS YET TO BE SOLD**
	1054	AUTOMATION SYSTEM IMPROVEMENTS RW	4.3	3,135	4,597	BONDS YET TO BE SOLD**
	1795	GIS SUPPORT APPLICATIONS 13/14	4.3	2,580	3,935	BONDS YET TO BE SOLD**
	1541	OCSO CORF 12/13	1.1	3,705	3,705	BONDS YET TO BE SOLD**
	1406	GEN SYS MODS 13/14	4.3	2,507	3,384	BONDS YET TO BE SOLD**
	4157	UNIVERSITY LS ODOR CONTROL SYSTEM	1.1	2,801	3,051	BONDS YET TO BE SOLD**
	1350	ENG PLANNING STUDY RESERVE 13/14	0.9	1,544	2,707	BONDS YET TO BE SOLD**
	1736	HYDRAULIC MODELING 13/14	4.3	1,892	2,623	BONDS YET TO BE SOLD**
	4574	SEWER GEN SYS MODS 13/14	0.9	2,475	2,475	BONDS YET TO BE SOLD**
	1599	MWRP EXPANSION PHASE II	4.6	2,065	2,277	BONDS YET TO BE SOLD**
	3783	SKYLIGHT PROTECTION	4.3	1,509	1,785	BONDS YET TO BE SOLD**
	4397	LAWRP SYSTEM UPGRADES	0.9	1,016	1,513	BONDS YET TO BE SOLD**

# IRVINE RANCH WATER DISTRICT

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### Allocation of FY Project Expenditures by Improvement District and Source of Funds

<u>ID No.</u>	<u>Project</u>	<u>Title</u>	<u>% Allocated</u>	<u>FY Direct</u>	<u>FY Direct + GA</u>	<u>Source of Funds</u>
212	4456	SYPHON RESERVOIR EXPANSION - ENV. DOCUMENTATION	13.2	990	1,069	BONDS YET TO BE SOLD**
	1691	GIS SUPPORT APPLICATIONS 13/14	0.9	540	824	BONDS YET TO BE SOLD**
	4256	MANHOLE CONST MAIN AND SKY PARK SOUTH	1.1	535	667	BONDS YET TO BE SOLD**
	1734	HYDRAULIC MODELING 13/14	0.9	396	549	BONDS YET TO BE SOLD**
	1136	LONG TERM SEWER SYSTEM FLOW MONITORING	3.3	413	518	BONDS YET TO BE SOLD**
	1016	AUTOMATION SYSTEM IMPROVEMENTS SEWER	0.9	360	462	BONDS YET TO BE SOLD**
	1060	FOOTHILL SEWER DIVERSION TO LAWRP	3.9	304	421	BONDS YET TO BE SOLD**
	3777	SKYLIGHT PROTECTION	0.9	316	374	BONDS YET TO BE SOLD**
	3808	SYPHON RESERVOIR EXPANSION	4.3	103	176	BONDS YET TO BE SOLD**
	1495	OCSO EQUITY 12/13	4.6	5	5	BONDS YET TO BE SOLD**
	1504	OCSO EQUITY 13/14	4.6	5	5	BONDS YET TO BE SOLD**
				<b>\$5,260,500</b>	<b>\$5,963,794</b>	
213	3435	LEGACY PARK TUSTIN RANCH ROAD	100.0	78,600	83,400	BONDS YET TO BE SOLD**
	1024	PA9 JEFFREY RD PIPELINES, 36" ZNA, 36" SYPHON	4.8	75,034	78,034	BONDS YET TO BE SOLD**
	1066	LEGACY PARK TUSTIN RANCH ROAD	100.0	71,300	74,900	BONDS YET TO BE SOLD**
	1543	OCSO CORF 13/14	3.3	49,474	49,474	BONDS YET TO BE SOLD**
	4286	MWRP BIOSOLIDS AND ENERGY RECOVERY FACILITIES	0.1	40,804	42,207	BONDS YET TO BE SOLD**
	1400	OCSO SOLIDS HANDLING 13/14	3.3	41,712	41,712	BONDS YET TO BE SOLD**
	1106	HYDRAULIC MODEL UPDATE / CALIBRATION - NONPOTABLE	5.5	19,278	23,832	BONDS YET TO BE SOLD**
	1541	OCSO CORF 12/13	3.3	11,114	11,114	BONDS YET TO BE SOLD**
	3729	SYPHON RESERVOIR INTERIM IMPROVEMENTS	4.8	9,014	9,422	BONDS YET TO BE SOLD**
	4465	RW CONVERSION GRANTS FOR ON-SITE 13/14	2.8	7,000	8,428	BONDS YET TO BE SOLD**
	3779	SALT MANAGEMENT PLAN DEVELOPMENT	5.2	5,725	6,833	BONDS YET TO BE SOLD**
	4228	PA 9B RW AND SYPHON LATERAL PIPELINE, PHASE 3	4.8	6,302	6,792	BONDS YET TO BE SOLD**
	4463	HEALTH DEPT FEES FOR 13/14	5.5	4,659	5,687	BONDS YET TO BE SOLD**
	4464	RW CONVERSION FOR OFF-SITE 13/14	2.8	4,082	5,272	BONDS YET TO BE SOLD**
	1575	ENG PLANNING STUDY RESERVE 13/14	1.6	2,816	4,448	BONDS YET TO BE SOLD**
	1350	ENG PLANNING STUDY RESERVE 13/14	1.3	2,231	3,910	BONDS YET TO BE SOLD**
	4157	UNIVERSITY LS ODOR CONTROL SYSTEM	1.4	3,564	3,884	BONDS YET TO BE SOLD**
	4574	SEWER GEN SYS MODS 13/14	1.3	3,575	3,575	BONDS YET TO BE SOLD**
	4466	RW SITE INSPECTION & TESTING COMPUTER PROGRAM	5.2	2,574	3,458	BONDS YET TO BE SOLD**
	1776	LAWRP SYSTEM UPGRADES	1.6	1,933	2,885	BONDS YET TO BE SOLD**
	4396	CATHODIC PROTECTION FOR GAP PIPE SEGMENT	1.7	2,057	2,346	BONDS YET TO BE SOLD**
	4397	LAWRP SYSTEM UPGRADES	1.3	1,468	2,185	BONDS YET TO BE SOLD**
	1706	MWRP EXPANSION PHASE II	5.2	1,747	1,997	BONDS YET TO BE SOLD**

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<u>ID No.</u>	<u>Project</u>	<u>Title</u>	<u>% Allocated</u>	<u>FY Direct</u>	<u>FY Direct + GA</u>	<u>Source of Funds</u>
213	1813	IRVINE LAKE SEISMIC STABILITY STUDY	5.2	1,425	1,986	BONDS YET TO BE SOLD**
	4388	MULTI-ZONE REGIONAL PS - ZONE A TO SYPHON	4.8	1,219	1,824	BONDS YET TO BE SOLD**
	1054	AUTOMATION SYSTEM IMPROVEMENTS RW	1.6	1,166	1,710	BONDS YET TO BE SOLD**
	1795	GIS SUPPORT APPLICATIONS 13/14	1.6	960	1,464	BONDS YET TO BE SOLD**
	1406	GEN SYS MODS 13/14	1.6	933	1,259	BONDS YET TO BE SOLD**
	1691	GIS SUPPORT APPLICATIONS 13/14	1.3	780	1,190	BONDS YET TO BE SOLD**
	1736	HYDRAULIC MODELING 13/14	1.6	704	976	BONDS YET TO BE SOLD**
	4256	MANHOLE CONST MAIN AND SKY PARK SOUTH	1.4	680	848	BONDS YET TO BE SOLD**
	1734	HYDRAULIC MODELING 13/14	1.3	572	793	BONDS YET TO BE SOLD**
	1136	LONG TERM SEWER SYSTEM FLOW MONITORING	4.4	550	691	BONDS YET TO BE SOLD**
	1016	AUTOMATION SYSTEM IMPROVEMENTS SEWER	1.3	520	667	BONDS YET TO BE SOLD**
	3783	SKYLIGHT PROTECTION	1.6	562	664	BONDS YET TO BE SOLD**
	1152	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	0.3	588	642	BONDS YET TO BE SOLD**
	3777	SKYLIGHT PROTECTION	1.3	456	540	BONDS YET TO BE SOLD**
	4456	SYPHON RESERVOIR EXPANSION - ENV. DOCUMENTATION	4.8	360	389	BONDS YET TO BE SOLD**
	1599	MWRP EXPANSION PHASE II	0.3	135	149	BONDS YET TO BE SOLD**
	3808	SYPHON RESERVOIR EXPANSION	1.6	38	66	BONDS YET TO BE SOLD**
	1060	FOOTHILL SEWER DIVERSION TO LAWRP	0.3	23	32	BONDS YET TO BE SOLD**
	1495	OCSO EQUITY 12/13	0.3	0	0	BONDS YET TO BE SOLD**
	1504	OCSO EQUITY 13/14	0.3	0	0	BONDS YET TO BE SOLD**
				<b>\$457,734</b>	<b>\$491,685</b>	
215	1024	PA9 JEFFREY RD PIPELINES, 36" ZNA, 36" SYPHON	0.7	10,942	11,380	CAPITAL FUND
	4157	UNIVERSITY LS ODOR CONTROL SYSTEM	2.4	6,110	6,658	CAPITAL FUND
	1350	ENG PLANNING STUDY RESERVE 13/14	2.1	3,604	6,317	CAPITAL FUND
	4574	SEWER GEN SYS MODS 13/14	2.1	5,775	5,775	CAPITAL FUND
	4397	LAWRP SYSTEM UPGRADES	2.1	2,371	3,530	CAPITAL FUND
	1691	GIS SUPPORT APPLICATIONS 13/14	2.1	1,260	1,922	CAPITAL FUND
	4256	MANHOLE CONST MAIN AND SKY PARK SOUTH	2.4	1,166	1,454	CAPITAL FUND
	3729	SYPHON RESERVOIR INTERIM IMPROVEMENTS	0.7	1,315	1,374	CAPITAL FUND
	1734	HYDRAULIC MODELING 13/14	2.1	924	1,281	CAPITAL FUND
	1136	LONG TERM SEWER SYSTEM FLOW MONITORING	7.2	900	1,130	CAPITAL FUND
	1016	AUTOMATION SYSTEM IMPROVEMENTS SEWER	2.1	840	1,077	CAPITAL FUND
	3779	SALT MANAGEMENT PLAN DEVELOPMENT	0.8	881	1,051	CAPITAL FUND
	4228	PA 9B RW AND SYPHON LATERAL PIPELINE, PHASE 3	0.7	919	991	CAPITAL FUND
	3777	SKYLIGHT PROTECTION	2.1	737	872	CAPITAL FUND

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215	1575	ENG PLANNING STUDY RESERVE 13/14	0.2	352	556	CAPITAL FUND
	4466	RW SITE INSPECTION & TESTING COMPUTER PROGRAM	0.8	396	532	CAPITAL FUND
	4396	CATHODIC PROTECTION FOR GAP PIPE SEGMENT	0.3	363	414	CAPITAL FUND
	1776	LAWRP SYSTEM UPGRADES	0.2	242	361	CAPITAL FUND
	1706	MWRP EXPANSION PHASE II	0.8	269	307	CAPITAL FUND
	1813	IRVINE LAKE SEISMIC STABILITY STUDY	0.8	219	306	CAPITAL FUND
	4388	MULTI-ZONE REGIONAL PS - ZONE A TO SYPHON	0.7	178	266	CAPITAL FUND
	1054	AUTOMATION SYSTEM IMPROVEMENTS RW	0.2	146	214	CAPITAL FUND
	1795	GIS SUPPORT APPLICATIONS 13/14	0.2	120	183	CAPITAL FUND
	1406	GEN SYS MODS 13/14	0.2	117	157	CAPITAL FUND
	1736	HYDRAULIC MODELING 13/14	0.2	88	122	CAPITAL FUND
	3783	SKYLIGHT PROTECTION	0.2	70	83	CAPITAL FUND
	4456	SYPHON RESERVOIR EXPANSION - ENV. DOCUMENTATION	0.7	53	57	CAPITAL FUND
	3808	SYPHON RESERVOIR EXPANSION	0.2	5	8	CAPITAL FUND
				<b>\$40,362</b>	<b>\$48,378</b>	
221	4286	MWRP BIOSOLIDS AND ENERGY RECOVERY FACILITIES	9.2	3,753,968	3,883,044	BONDS YET TO BE SOLD**
	1024	PA9 JEFFREY RD PIPELINES, 36" ZNA, 36" SYPHON	13.2	206,342	214,592	BONDS YET TO BE SOLD**
	1543	OCS D CORF 13/14	10.5	157,416	157,416	BONDS YET TO BE SOLD**
	1400	OCS D SOLIDS HANDLING 13/14	10.5	132,720	132,720	BONDS YET TO BE SOLD**
	1106	HYDRAULIC MODEL UPDATE / CALIBRATION - NONPOTABLE	14.7	51,524	63,695	BONDS YET TO BE SOLD**
	1152	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	21.6	42,336	46,202	BONDS YET TO BE SOLD**
	1541	OCS D CORF 12/13	10.5	35,364	35,364	BONDS YET TO BE SOLD**
	3729	SYPHON RESERVOIR INTERIM IMPROVEMENTS	13.2	24,790	25,912	BONDS YET TO BE SOLD**
	4465	RW CONVERSION GRANTS FOR ON-SITE 13/14	7.3	18,250	21,973	BONDS YET TO BE SOLD**
	3779	SALT MANAGEMENT PLAN DEVELOPMENT	14.3	15,744	18,790	BONDS YET TO BE SOLD**
	4228	PA 9B RW AND SYPHON LATERAL PIPELINE, PHASE 3	13.2	17,332	18,678	BONDS YET TO BE SOLD**
	4463	HEALTH DEPT FEES FOR 13/14	14.7	12,451	15,200	BONDS YET TO BE SOLD**
	4157	UNIVERSITY LS ODOR CONTROL SYSTEM	5.1	12,985	14,147	BONDS YET TO BE SOLD**
	4464	RW CONVERSION FOR OFF-SITE 13/14	7.3	10,643	13,746	BONDS YET TO BE SOLD**
	1350	ENG PLANNING STUDY RESERVE 13/14	4.4	7,550	13,235	BONDS YET TO BE SOLD**
	4574	SEWER GEN SYS MODS 13/14	4.4	12,100	12,100	BONDS YET TO BE SOLD**
	1575	ENG PLANNING STUDY RESERVE 13/14	4.3	7,568	11,954	BONDS YET TO BE SOLD**
	1599	MWRP EXPANSION PHASE II	21.6	9,698	10,692	BONDS YET TO BE SOLD**
	4466	RW SITE INSPECTION & TESTING COMPUTER PROGRAM	14.3	7,079	9,510	BONDS YET TO BE SOLD**
	1776	LAWRP SYSTEM UPGRADES	4.3	5,194	7,753	BONDS YET TO BE SOLD**

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<u>ID No.</u>	<u>Project</u>	<u>Title</u>	<u>% Allocated</u>	<u>FY Direct</u>	<u>FY Direct + GA</u>	<u>Source of Funds</u>
221	4397	LAWRP SYSTEM UPGRADES	4.4	4,968	7,396	BONDS YET TO BE SOLD**
	4396	CATHODIC PROTECTION FOR GAP PIPE SEGMENT	4.7	5,687	6,486	BONDS YET TO BE SOLD**
	1706	MWRP EXPANSION PHASE II	14.3	4,805	5,491	BONDS YET TO BE SOLD**
	1813	IRVINE LAKE SEISMIC STABILITY STUDY	14.3	3,918	5,463	BONDS YET TO BE SOLD**
	4388	MULTI-ZONE REGIONAL PS - ZONE A TO SYPHON	13.2	3,353	5,016	BONDS YET TO BE SOLD**
	1054	AUTOMATION SYSTEM IMPROVEMENTS RW	4.3	3,135	4,597	BONDS YET TO BE SOLD**
	1691	GIS SUPPORT APPLICATIONS 13/14	4.4	2,640	4,026	BONDS YET TO BE SOLD**
	1795	GIS SUPPORT APPLICATIONS 13/14	4.3	2,580	3,935	BONDS YET TO BE SOLD**
	1406	GEN SYS MODS 13/14	4.3	2,507	3,384	BONDS YET TO BE SOLD**
	4256	MANHOLE CONST MAIN AND SKY PARK SOUTH	5.1	2,479	3,091	BONDS YET TO BE SOLD**
	1734	HYDRAULIC MODELING 13/14	4.4	1,936	2,684	BONDS YET TO BE SOLD**
	1736	HYDRAULIC MODELING 13/14	4.3	1,892	2,623	BONDS YET TO BE SOLD**
	1136	LONG TERM SEWER SYSTEM FLOW MONITORING	15.4	1,925	2,418	BONDS YET TO BE SOLD**
	1016	AUTOMATION SYSTEM IMPROVEMENTS SEWER	4.4	1,760	2,257	BONDS YET TO BE SOLD**
	1060	FOOTHILL SEWER DIVERSION TO LAWRP	18.2	1,420	1,966	BONDS YET TO BE SOLD**
	3777	SKYLIGHT PROTECTION	4.4	1,544	1,826	BONDS YET TO BE SOLD**
	3783	SKYLIGHT PROTECTION	4.3	1,509	1,785	BONDS YET TO BE SOLD**
	4456	SYPHON RESERVOIR EXPANSION - ENV. DOCUMENTATION	13.2	990	1,069	BONDS YET TO BE SOLD**
	3808	SYPHON RESERVOIR EXPANSION	4.3	103	176	BONDS YET TO BE SOLD**
	1495	OCSO EQUITY 12/13	21.6	22	22	BONDS YET TO BE SOLD**
	1504	OCSO EQUITY 13/14	21.6	22	22	BONDS YET TO BE SOLD**
				<b>\$4,590,249</b>	<b>\$4,792,456</b>	
230	4286	MWRP BIOSOLIDS AND ENERGY RECOVERY FACILITIES	6.0	2,448,240	2,532,420	BONDS YET TO BE SOLD**
	1063	PA18 ZN B-C BPS	100.0	526,600	544,600	BONDS YET TO BE SOLD**
	3736	PA 18 SOUTH RW FACILITIES	100.0	170,100	272,100	BONDS YET TO BE SOLD**
	1024	PA9 JEFFREY RD PIPELINES, 36" ZNA, 36" SYPHON	9.6	150,067	156,067	BONDS YET TO BE SOLD**
	1543	OCSO CORF 13/14	7.1	106,443	106,443	BONDS YET TO BE SOLD**
	1400	OCSO SOLIDS HANDLING 13/14	7.1	89,744	89,744	BONDS YET TO BE SOLD**
	1106	HYDRAULIC MODEL UPDATE / CALIBRATION - NONPOTABLE	8.7	30,494	37,697	BONDS YET TO BE SOLD**
	1152	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	14.2	27,832	30,374	BONDS YET TO BE SOLD**
	1541	OCSO CORF 12/13	7.1	23,913	23,913	BONDS YET TO BE SOLD**
	4465	RW CONVERSION GRANTS FOR ON-SITE 13/14	6.5	16,250	19,565	BONDS YET TO BE SOLD**
	3729	SYPHON RESERVOIR INTERIM IMPROVEMENTS	9.6	18,029	18,845	BONDS YET TO BE SOLD**
	3779	SALT MANAGEMENT PLAN DEVELOPMENT	10.4	11,450	13,666	BONDS YET TO BE SOLD**
	4228	PA 9B RW AND SYPHON LATERAL PIPELINE, PHASE 3	9.6	12,605	13,584	BONDS YET TO BE SOLD**

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230	4464	RW CONVERSION FOR OFF-SITE 13/14	6.5	9,477	12,240	BONDS YET TO BE SOLD**
	4157	UNIVERSITY LS ODOR CONTROL SYSTEM	3.3	8,402	9,154	BONDS YET TO BE SOLD**
	4463	HEALTH DEPT FEES FOR 13/14	8.7	7,369	8,996	BONDS YET TO BE SOLD**
	1575	ENG PLANNING STUDY RESERVE 13/14	3.2	5,632	8,896	BONDS YET TO BE SOLD**
	1350	ENG PLANNING STUDY RESERVE 13/14	2.9	4,976	8,723	BONDS YET TO BE SOLD**
	4574	SEWER GEN SYS MODS 13/14	2.9	7,975	7,975	BONDS YET TO BE SOLD**
	1599	MWRP EXPANSION PHASE II	14.2	6,376	7,029	BONDS YET TO BE SOLD**
	4466	RW SITE INSPECTION & TESTING COMPUTER PROGRAM	10.4	5,148	6,916	BONDS YET TO BE SOLD**
	1776	LAWRP SYSTEM UPGRADES	3.2	3,866	5,770	BONDS YET TO BE SOLD**
	4397	LAWRP SYSTEM UPGRADES	2.9	3,274	4,875	BONDS YET TO BE SOLD**
	4396	CATHODIC PROTECTION FOR GAP PIPE SEGMENT	3.4	4,114	4,692	BONDS YET TO BE SOLD**
	1706	MWRP EXPANSION PHASE II	10.4	3,494	3,994	BONDS YET TO BE SOLD**
	1813	IRVINE LAKE SEISMIC STABILITY STUDY	10.4	2,850	3,973	BONDS YET TO BE SOLD**
	4388	MULTI-ZONE REGIONAL PS - ZONE A TO SYPHON	9.6	2,438	3,648	BONDS YET TO BE SOLD**
	4457	MULTI-ZONE REGIONAL PS - ZONE B	10.3	2,348	3,646	BONDS YET TO BE SOLD**
	1054	AUTOMATION SYSTEM IMPROVEMENTS RW	3.2	2,333	3,421	BONDS YET TO BE SOLD**
	1795	GIS SUPPORT APPLICATIONS 13/14	3.2	1,920	2,928	BONDS YET TO BE SOLD**
	1691	GIS SUPPORT APPLICATIONS 13/14	2.9	1,740	2,654	BONDS YET TO BE SOLD**
	1406	GEN SYS MODS 13/14	3.2	1,866	2,518	BONDS YET TO BE SOLD**
	4256	MANHOLE CONST MAIN AND SKY PARK SOUTH	3.3	1,604	2,000	BONDS YET TO BE SOLD**
	1736	HYDRAULIC MODELING 13/14	3.2	1,408	1,952	BONDS YET TO BE SOLD**
	1734	HYDRAULIC MODELING 13/14	2.9	1,276	1,769	BONDS YET TO BE SOLD**
	1136	LONG TERM SEWER SYSTEM FLOW MONITORING	10.1	1,263	1,586	BONDS YET TO BE SOLD**
	1016	AUTOMATION SYSTEM IMPROVEMENTS SEWER	2.9	1,160	1,488	BONDS YET TO BE SOLD**
	3783	SKYLIGHT PROTECTION	3.2	1,123	1,328	BONDS YET TO BE SOLD**
	1060	FOOTHILL SEWER DIVERSION TO LAWRP	12.0	936	1,296	BONDS YET TO BE SOLD**
	3777	SKYLIGHT PROTECTION	2.9	1,018	1,204	BONDS YET TO BE SOLD**
	4456	SYPHON RESERVOIR EXPANSION - ENV. DOCUMENTATION	9.6	720	778	BONDS YET TO BE SOLD**
	3808	SYPHON RESERVOIR EXPANSION	3.2	77	131	BONDS YET TO BE SOLD**
	1495	OCS D EQUITY 12/13	14.2	14	14	BONDS YET TO BE SOLD**
	1504	OCS D EQUITY 13/14	14.2	14	14	BONDS YET TO BE SOLD**
				<b>\$3,727,978</b>	<b>\$3,984,626</b>	
235	4001	BAKER RANCH PHASE 1 RW ZONE B & C	100.0	156,000	181,500	CAPITAL FUND
	4286	MWRP BIOSOLIDS AND ENERGY RECOVERY FACILITIES	0.4	163,216	168,828	CAPITAL FUND
	4005	BAKER RANCH PHASE 2 RW ZONE B & C	100.0	129,700	155,200	CAPITAL FUND

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235	1436	LAKE FOREST WW OFFSITE IMPROVEMENTS	100.0	89,500	130,900	BONDS YET TO BE SOLD**
	1024	PA9 JEFFREY RD PIPELINES, 36" ZNA, 36" SYPHON	7.9	123,493	128,430	PREVIOUSLY SOLD BONDS
	1517	LAKE FOREST RW OPPORTUNITY AREAS	100.0	69,900	102,800	BONDS YET TO BE SOLD**
	1096	LAKE FOREST CONTROL AND TELEMTRY SYSTEMS UPGRADES	100.0	35,900	62,100	CAPITAL FUND
	1445	LAKE FOREST WW OPPORTUNITY AREAS	100.0	36,700	53,800	BONDS YET TO BE SOLD**
	1106	HYDRAULIC MODEL UPDATE / CALIBRATION - NONPOTABLE	6.4	22,432	27,731	BONDS YET TO BE SOLD**
	3729	SYPHON RESERVOIR INTERIM IMPROVEMENTS	7.9	14,836	15,508	PREVIOUSLY SOLD BONDS
	1350	ENG PLANNING STUDY RESERVE 13/14	3.8	6,521	11,430	PREVIOUSLY SOLD BONDS
	4228	PA 9B RW AND SYPHON LATERAL PIPELINE, PHASE 3	7.9	10,373	11,179	PREVIOUSLY SOLD BONDS
	4574	SEWER GEN SYS MODS 13/14	3.8	10,450	10,450	PREVIOUSLY SOLD BONDS
	4465	RW CONVERSION GRANTS FOR ON-SITE 13/14	3.2	8,000	9,632	PREVIOUSLY SOLD BONDS
	1575	ENG PLANNING STUDY RESERVE 13/14	2.6	4,576	7,228	PREVIOUSLY SOLD BONDS
	4463	HEALTH DEPT FEES FOR 13/14	6.4	5,421	6,618	BONDS YET TO BE SOLD**
	4397	LAWRP SYSTEM UPGRADES	3.8	4,290	6,388	PREVIOUSLY SOLD BONDS
	4464	RW CONVERSION FOR OFF-SITE 13/14	3.2	4,666	6,026	PREVIOUSLY SOLD BONDS
	1776	LAWRP SYSTEM UPGRADES	2.6	3,141	4,688	PREVIOUSLY SOLD BONDS
	1691	GIS SUPPORT APPLICATIONS 13/14	3.8	2,280	3,477	PREVIOUSLY SOLD BONDS
	4388	MULTI-ZONE REGIONAL PS - ZONE A TO SYPHON	7.9	2,007	3,002	PREVIOUSLY SOLD BONDS
	1054	AUTOMATION SYSTEM IMPROVEMENTS RW	2.6	1,895	2,779	PREVIOUSLY SOLD BONDS
	1795	GIS SUPPORT APPLICATIONS 13/14	2.6	1,560	2,379	PREVIOUSLY SOLD BONDS
	1734	HYDRAULIC MODELING 13/14	3.8	1,672	2,318	PREVIOUSLY SOLD BONDS
	1136	LONG TERM SEWER SYSTEM FLOW MONITORING	13.3	1,663	2,088	PREVIOUSLY SOLD BONDS
	1406	GEN SYS MODS 13/14	2.6	1,516	2,046	PREVIOUSLY SOLD BONDS
	1016	AUTOMATION SYSTEM IMPROVEMENTS SEWER	3.8	1,520	1,949	PREVIOUSLY SOLD BONDS
	1590	LAKE FOREST SEWER MUIRLANDS, EL TORO TO LAWRP	23.7	711	1,778	CAPITAL FUND
	1060	FOOTHILL SEWER DIVERSION TO LAWRP	15.6	1,217	1,685	PREVIOUSLY SOLD BONDS
	1736	HYDRAULIC MODELING 13/14	2.6	1,144	1,586	PREVIOUSLY SOLD BONDS
	3777	SKYLIGHT PROTECTION	3.8	1,334	1,577	PREVIOUSLY SOLD BONDS
	3783	SKYLIGHT PROTECTION	2.6	913	1,079	PREVIOUSLY SOLD BONDS
	4456	SYPHON RESERVOIR EXPANSION - ENV. DOCUMENTATION	7.9	593	640	PREVIOUSLY SOLD BONDS
	3808	SYPHON RESERVOIR EXPANSION	2.6	62	107	PREVIOUSLY SOLD BONDS
				<b>\$919,202</b>	<b>\$1,128,926</b>	
240	1474	NEWPORT COAST CATHODIC PROTECTION	100.0	300,500	324,100	BONDS YET TO BE SOLD**
	1024	PA9 JEFFREY RD PIPELINES, 36" ZNA, 36" SYPHON	7.7	120,366	125,179	BONDS YET TO BE SOLD**
	1665	NEWPORT COAST CATHODIC PROTECTION	100.0	75,700	80,800	BONDS YET TO BE SOLD**



# IRVINE RANCH WATER DISTRICT

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### Allocation of FY Project Expenditures by Improvement District and Source of Funds

<u>ID No.</u>	<u>Project</u>	<u>Title</u>	<u>% Allocated</u>	<u>FY Direct</u>	<u>FY Direct + GA</u>	<u>Source of Funds</u>
240	1106	HYDRAULIC MODEL UPDATE / CALIBRATION - NONPOTABLE	7.7	26,989	33,364	BONDS YET TO BE SOLD**
	3729	SYPHON RESERVOIR INTERIM IMPROVEMENTS	7.7	14,461	15,115	BONDS YET TO BE SOLD**
	4465	RW CONVERSION GRANTS FOR ON-SITE 13/14	3.8	9,500	11,438	BONDS YET TO BE SOLD**
	3779	SALT MANAGEMENT PLAN DEVELOPMENT	8.4	9,248	11,038	BONDS YET TO BE SOLD**
	4228	PA 9B RW AND SYPHON LATERAL PIPELINE, PHASE 3	7.7	10,110	10,896	BONDS YET TO BE SOLD**
	4463	HEALTH DEPT FEES FOR 13/14	7.7	6,522	7,962	BONDS YET TO BE SOLD**
	4464	RW CONVERSION FOR OFF-SITE 13/14	3.8	5,540	7,155	BONDS YET TO BE SOLD**
	1575	ENG PLANNING STUDY RESERVE 13/14	2.5	4,400	6,950	BONDS YET TO BE SOLD**
	4466	RW SITE INSPECTION & TESTING COMPUTER PROGRAM	8.4	4,158	5,586	BONDS YET TO BE SOLD**
	1776	LAWRP SYSTEM UPGRADES	2.5	3,020	4,508	BONDS YET TO BE SOLD**
	4396	CATHODIC PROTECTION FOR GAP PIPE SEGMENT	2.7	3,267	3,726	BONDS YET TO BE SOLD**
	1706	MWRP EXPANSION PHASE II	8.4	2,822	3,226	BONDS YET TO BE SOLD**
	1813	IRVINE LAKE SEISMIC STABILITY STUDY	8.4	2,302	3,209	BONDS YET TO BE SOLD**
	4388	MULTI-ZONE REGIONAL PS - ZONE A TO SYPHON	7.7	1,956	2,926	BONDS YET TO BE SOLD**
	1054	AUTOMATION SYSTEM IMPROVEMENTS RW	2.5	1,823	2,673	BONDS YET TO BE SOLD**
	4157	UNIVERSITY LS ODOR CONTROL SYSTEM	0.9	2,291	2,497	BONDS YET TO BE SOLD**
	1350	ENG PLANNING STUDY RESERVE 13/14	0.8	1,373	2,406	BONDS YET TO BE SOLD**
	1795	GIS SUPPORT APPLICATIONS 13/14	2.5	1,500	2,288	BONDS YET TO BE SOLD**
	4574	SEWER GEN SYS MODS 13/14	0.8	2,200	2,200	BONDS YET TO BE SOLD**
	1406	GEN SYS MODS 13/14	2.5	1,458	1,968	BONDS YET TO BE SOLD**
	1736	HYDRAULIC MODELING 13/14	2.5	1,100	1,525	BONDS YET TO BE SOLD**
	4397	LAWRP SYSTEM UPGRADES	0.8	903	1,345	BONDS YET TO BE SOLD**
	3783	SKYLIGHT PROTECTION	2.5	878	1,038	BONDS YET TO BE SOLD**
	1691	GIS SUPPORT APPLICATIONS 13/14	0.8	480	732	BONDS YET TO BE SOLD**
	4456	SYPHON RESERVOIR EXPANSION - ENV. DOCUMENTATION	7.7	578	624	BONDS YET TO BE SOLD**
	4256	MANHOLE CONST MAIN AND SKY PARK SOUTH	0.9	437	545	BONDS YET TO BE SOLD**
	1734	HYDRAULIC MODELING 13/14	0.8	352	488	BONDS YET TO BE SOLD**
	1136	LONG TERM SEWER SYSTEM FLOW MONITORING	2.9	363	455	BONDS YET TO BE SOLD**
	1016	AUTOMATION SYSTEM IMPROVEMENTS SEWER	0.8	320	410	BONDS YET TO BE SOLD**
	3777	SKYLIGHT PROTECTION	0.8	281	332	BONDS YET TO BE SOLD**
	3808	SYPHON RESERVOIR EXPANSION	2.5	60	103	BONDS YET TO BE SOLD**
				<b>\$617,258</b>	<b>\$678,807</b>	
250	4286	MWRP BIOSOLIDS AND ENERGY RECOVERY FACILITIES	14.3	5,834,972	6,035,601	BONDS YET TO BE SOLD**
	1024	PA9 JEFFREY RD PIPELINES, 36" ZNA, 36" SYPHON	31.7	495,534	515,347	BONDS YET TO BE SOLD**
	4176	PA9 JEFFREY RD PIPELINES, 16" ZONE B AND 6" ZONE C	100.0	424,100	452,500	BONDS YET TO BE SOLD**

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250	1543	OCSO CORF 13/14	18.7	280,350	280,350	BONDS YET TO BE SOLD**
	1400	OCSO SOLIDS HANDLING 13/14	18.7	236,368	236,368	BONDS YET TO BE SOLD**
	4266	PA 51 REACH B SEWER, OCTA R/W TO LV ST	10.0	204,910	229,670	BONDS YET TO BE SOLD**
	1308	PA6 RW PIPELINES	100.0	189,500	201,700	BONDS YET TO BE SOLD**
	1229	PA 40 PHASE 2 RW FACILITIES	100.0	155,000	168,600	BONDS YET TO BE SOLD**
	1683	PA 5B RW PIPELINES	100.0	105,500	165,000	BONDS YET TO BE SOLD**
	4318	PA 40 PHASE 3B RW CAPITAL FACILITIES	100.0	125,500	143,000	BONDS YET TO BE SOLD**
	1106	HYDRAULIC MODEL UPDATE / CALIBRATION - NONPOTABLE	25.6	89,728	110,925	BONDS YET TO BE SOLD**
	4265	PA 51 REACH B RW, OCTA R/W TO LV ST	10.0	71,550	79,210	BONDS YET TO BE SOLD**
	1152	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	33.5	65,660	71,657	BONDS YET TO BE SOLD**
	1541	OCSO CORF 12/13	18.7	62,982	62,982	BONDS YET TO BE SOLD**
	3729	SYPHON RESERVOIR INTERIM IMPROVEMENTS	31.7	59,533	62,227	BONDS YET TO BE SOLD**
	3779	SALT MANAGEMENT PLAN DEVELOPMENT	34.4	37,874	45,202	BONDS YET TO BE SOLD**
	4228	PA 9B RW AND SYPHON LATERAL PIPELINE, PHASE 3	31.7	41,622	44,856	BONDS YET TO BE SOLD**
	4465	RW CONVERSION GRANTS FOR ON-SITE 13/14	12.8	32,000	38,528	BONDS YET TO BE SOLD**
	4400	MULTI-ZONE REGIONAL PS - ZONE C	72.5	21,388	30,523	BONDS YET TO BE SOLD**
	1575	ENG PLANNING STUDY RESERVE 13/14	10.3	18,128	28,634	BONDS YET TO BE SOLD**
	4463	HEALTH DEPT FEES FOR 13/14	25.6	21,683	26,470	BONDS YET TO BE SOLD**
	4464	RW CONVERSION FOR OFF-SITE 13/14	12.8	18,662	24,102	BONDS YET TO BE SOLD**
	4457	MULTI-ZONE REGIONAL PS - ZONE B	65.1	14,843	23,045	BONDS YET TO BE SOLD**
	4466	RW SITE INSPECTION & TESTING COMPUTER PROGRAM	34.4	17,028	22,876	BONDS YET TO BE SOLD**
	4157	UNIVERSITY LS ODOR CONTROL SYSTEM	7.9	20,113	21,915	BONDS YET TO BE SOLD**
	1350	ENG PLANNING STUDY RESERVE 13/14	6.8	11,669	20,454	BONDS YET TO BE SOLD**
	4574	SEWER GEN SYS MODS 13/14	6.8	18,700	18,700	BONDS YET TO BE SOLD**
	1776	LAWRP SYSTEM UPGRADES	10.3	12,442	18,571	BONDS YET TO BE SOLD**
	1599	MWRP EXPANSION PHASE II	33.5	15,042	16,583	BONDS YET TO BE SOLD**
	4367	TUSIN LEGACY-TUSTIN RANCH-BARRANCA & ARMSTRONG SS	10.0	12,570	16,230	BONDS YET TO BE SOLD**
	4368	TUSIN LEGACY-TUSTIN RANCH-BARRANCA & ARMSTRONG RW	10.0	12,390	16,050	BONDS YET TO BE SOLD**
	4396	CATHODIC PROTECTION FOR GAP PIPE SEGMENT	11.2	13,552	15,456	BONDS YET TO BE SOLD**
	1706	MWRP EXPANSION PHASE II	34.4	11,558	13,210	BONDS YET TO BE SOLD**
	1813	IRVINE LAKE SEISMIC STABILITY STUDY	34.4	9,426	13,141	BONDS YET TO BE SOLD**
	4388	MULTI-ZONE REGIONAL PS - ZONE A TO SYPHON	31.7	8,052	12,046	BONDS YET TO BE SOLD**
	4397	LAWRP SYSTEM UPGRADES	6.8	7,677	11,431	BONDS YET TO BE SOLD**
	1054	AUTOMATION SYSTEM IMPROVEMENTS RW	10.3	7,509	11,011	BONDS YET TO BE SOLD**
	1795	GIS SUPPORT APPLICATIONS 13/14	10.3	6,180	9,425	BONDS YET TO BE SOLD**
	1406	GEN SYS MODS 13/14	10.3	6,005	8,106	BONDS YET TO BE SOLD**
	1736	HYDRAULIC MODELING 13/14	10.3	4,532	6,283	BONDS YET TO BE SOLD**

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250	1691	GIS SUPPORT APPLICATIONS 13/14	6.8	4,080	6,222	BONDS YET TO BE SOLD**
	4256	MANHOLE CONST MAIN AND SKY PARK SOUTH	7.9	3,839	4,787	BONDS YET TO BE SOLD**
	3783	SKYLIGHT PROTECTION	10.3	3,615	4,275	BONDS YET TO BE SOLD**
	1734	HYDRAULIC MODELING 13/14	6.8	2,992	4,148	BONDS YET TO BE SOLD**
	1136	LONG TERM SEWER SYSTEM FLOW MONITORING	24.0	3,000	3,768	BONDS YET TO BE SOLD**
	1016	AUTOMATION SYSTEM IMPROVEMENTS SEWER	6.8	2,720	3,488	BONDS YET TO BE SOLD**
	1060	FOOTHILL SEWER DIVERSION TO LAWRP	28.3	2,207	3,056	BONDS YET TO BE SOLD**
	3777	SKYLIGHT PROTECTION	6.8	2,387	2,822	BONDS YET TO BE SOLD**
	4456	SYPHON RESERVOIR EXPANSION - ENV. DOCUMENTATION	31.7	2,378	2,568	BONDS YET TO BE SOLD**
	3844	PA 9B SEWER IMPROVEMENTS	100.0	1,000	1,000	BONDS YET TO BE SOLD**
	3808	SYPHON RESERVOIR EXPANSION	10.3	247	422	BONDS YET TO BE SOLD**
	1495	OCSO EQUITY 12/13	33.5	34	34	BONDS YET TO BE SOLD**
	1504	OCSO EQUITY 13/14	33.5	34	34	BONDS YET TO BE SOLD**
				<b>\$8,830,365</b>	<b>\$9,364,609</b>	
253	4286	MWRP BIOSOLIDS AND ENERGY RECOVERY FACILITIES	0.5	204,020	211,035	BONDS YET TO BE SOLD**
	1152	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	1.2	2,352	2,567	BONDS YET TO BE SOLD**
	1350	ENG PLANNING STUDY RESERVE 13/14	0.3	515	902	BONDS YET TO BE SOLD**
	4157	UNIVERSITY LS ODOR CONTROL SYSTEM	0.3	764	832	BONDS YET TO BE SOLD**
	4574	SEWER GEN SYS MODS 13/14	0.3	825	825	BONDS YET TO BE SOLD**
	1599	MWRP EXPANSION PHASE II	1.2	539	594	BONDS YET TO BE SOLD**
	4397	LAWRP SYSTEM UPGRADES	0.3	339	504	BONDS YET TO BE SOLD**
	1691	GIS SUPPORT APPLICATIONS 13/14	0.3	180	275	BONDS YET TO BE SOLD**
	1734	HYDRAULIC MODELING 13/14	0.3	132	183	BONDS YET TO BE SOLD**
	4256	MANHOLE CONST MAIN AND SKY PARK SOUTH	0.3	146	182	BONDS YET TO BE SOLD**
	1016	AUTOMATION SYSTEM IMPROVEMENTS SEWER	0.3	120	154	BONDS YET TO BE SOLD**
	1136	LONG TERM SEWER SYSTEM FLOW MONITORING	0.9	113	141	BONDS YET TO BE SOLD**
	3777	SKYLIGHT PROTECTION	0.3	105	125	BONDS YET TO BE SOLD**
	1060	FOOTHILL SEWER DIVERSION TO LAWRP	1.0	78	108	BONDS YET TO BE SOLD**
	1495	OCSO EQUITY 12/13	1.2	1	1	BONDS YET TO BE SOLD**
	1504	OCSO EQUITY 13/14	1.2	1	1	BONDS YET TO BE SOLD**
				<b>\$210,230</b>	<b>\$218,429</b>	
261	4286	MWRP BIOSOLIDS AND ENERGY RECOVERY FACILITIES	3.7	1,509,748	1,561,659	BONDS YET TO BE SOLD**
	1024	PA9 JEFFREY RD PIPELINES, 36" ZNA, 36" SYPHON	9.1	142,251	147,939	BONDS YET TO BE SOLD**

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261	1543	OCSO CORF 13/14	4.4	65,965	65,965	BONDS YET TO BE SOLD**
	1400	OCSO SOLIDS HANDLING 13/14	4.4	55,616	55,616	BONDS YET TO BE SOLD**
	1106	HYDRAULIC MODEL UPDATE / CALIBRATION - NONPOTABLE	9.6	33,648	41,597	BONDS YET TO BE SOLD**
	1152	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	8.8	17,248	18,823	BONDS YET TO BE SOLD**
	3729	SYPHON RESERVOIR INTERIM IMPROVEMENTS	9.1	17,090	17,863	BONDS YET TO BE SOLD**
	1541	OCSO CORF 12/13	4.4	14,819	14,819	BONDS YET TO BE SOLD**
	4465	RW CONVERSION GRANTS FOR ON-SITE 13/14	4.8	12,000	14,448	BONDS YET TO BE SOLD**
	3779	SALT MANAGEMENT PLAN DEVELOPMENT	9.9	10,900	13,009	BONDS YET TO BE SOLD**
	4228	PA 9B RW AND SYPHON LATERAL PIPELINE, PHASE 3	9.1	11,948	12,877	BONDS YET TO BE SOLD**
	4463	HEALTH DEPT FEES FOR 13/14	9.6	8,131	9,926	BONDS YET TO BE SOLD**
	4464	RW CONVERSION FOR OFF-SITE 13/14	4.8	6,998	9,038	BONDS YET TO BE SOLD**
	1575	ENG PLANNING STUDY RESERVE 13/14	3.0	5,280	8,340	BONDS YET TO BE SOLD**
	4466	RW SITE INSPECTION & TESTING COMPUTER PROGRAM	9.9	4,901	6,584	BONDS YET TO BE SOLD**
	4157	UNIVERSITY LS ODOR CONTROL SYSTEM	2.1	5,347	5,825	BONDS YET TO BE SOLD**
	1350	ENG PLANNING STUDY RESERVE 13/14	1.8	3,089	5,414	BONDS YET TO BE SOLD**
	1776	LAWRP SYSTEM UPGRADES	3.0	3,624	5,409	BONDS YET TO BE SOLD**
	4574	SEWER GEN SYS MODS 13/14	1.8	4,950	4,950	BONDS YET TO BE SOLD**
	4396	CATHODIC PROTECTION FOR GAP PIPE SEGMENT	3.2	3,872	4,416	BONDS YET TO BE SOLD**
	1599	MWRP EXPANSION PHASE II	8.8	3,951	4,356	BONDS YET TO BE SOLD**
	1706	MWRP EXPANSION PHASE II	9.9	3,326	3,802	BONDS YET TO BE SOLD**
	1813	IRVINE LAKE SEISMIC STABILITY STUDY	9.9	2,713	3,782	BONDS YET TO BE SOLD**
	4388	MULTI-ZONE REGIONAL PS - ZONE A TO SYPHON	9.1	2,311	3,458	BONDS YET TO BE SOLD**
	1054	AUTOMATION SYSTEM IMPROVEMENTS RW	3.0	2,187	3,207	BONDS YET TO BE SOLD**
	4397	LAWRP SYSTEM UPGRADES	1.8	2,032	3,026	BONDS YET TO BE SOLD**
	1795	GIS SUPPORT APPLICATIONS 13/14	3.0	1,800	2,745	BONDS YET TO BE SOLD**
	1406	GEN SYS MODS 13/14	3.0	1,749	2,361	BONDS YET TO BE SOLD**
	1736	HYDRAULIC MODELING 13/14	3.0	1,320	1,830	BONDS YET TO BE SOLD**
	1691	GIS SUPPORT APPLICATIONS 13/14	1.8	1,080	1,647	BONDS YET TO BE SOLD**
	4256	MANHOLE CONST MAIN AND SKY PARK SOUTH	2.1	1,021	1,273	BONDS YET TO BE SOLD**
	3783	SKYLIGHT PROTECTION	3.0	1,053	1,245	BONDS YET TO BE SOLD**
	1734	HYDRAULIC MODELING 13/14	1.8	792	1,098	BONDS YET TO BE SOLD**
	1136	LONG TERM SEWER SYSTEM FLOW MONITORING	6.3	788	989	BONDS YET TO BE SOLD**
	1016	AUTOMATION SYSTEM IMPROVEMENTS SEWER	1.8	720	923	BONDS YET TO BE SOLD**
	1060	FOOTHILL SEWER DIVERSION TO LAWRP	7.4	577	799	BONDS YET TO BE SOLD**
	3777	SKYLIGHT PROTECTION	1.8	632	747	BONDS YET TO BE SOLD**
	4456	SYPHON RESERVOIR EXPANSION - ENV. DOCUMENTATION	9.1	683	737	BONDS YET TO BE SOLD**
	3808	SYPHON RESERVOIR EXPANSION	3.0	72	123	BONDS YET TO BE SOLD**

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261	1495	OCSO EQUITY 12/13	8.8	9	9	BONDS YET TO BE SOLD**
	1504	OCSO EQUITY 13/14	8.8	9	9	BONDS YET TO BE SOLD**
				<b>\$1,966,250</b>	<b>\$2,062,683</b>	
282	4286	MWRP BIOSOLIDS AND ENERGY RECOVERY FACILITIES	1.0	408,040	422,070	BONDS YET TO BE SOLD**
	1543	OCSO CORF 13/14	1.1	16,491	16,491	BONDS YET TO BE SOLD**
	1400	OCSO SOLIDS HANDLING 13/14	1.1	13,904	13,904	BONDS YET TO BE SOLD**
	1152	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	2.4	4,704	5,134	BONDS YET TO BE SOLD**
	1541	OCSO CORF 12/13	1.1	3,705	3,705	BONDS YET TO BE SOLD**
	4157	UNIVERSITY LS ODOR CONTROL SYSTEM	0.6	1,528	1,664	BONDS YET TO BE SOLD**
	1350	ENG PLANNING STUDY RESERVE 13/14	0.5	858	1,504	BONDS YET TO BE SOLD**
	4574	SEWER GEN SYS MODS 13/14	0.5	1,375	1,375	BONDS YET TO BE SOLD**
	1599	MWRP EXPANSION PHASE II	2.4	1,078	1,188	BONDS YET TO BE SOLD**
	4397	LAWRP SYSTEM UPGRADES	0.5	565	841	BONDS YET TO BE SOLD**
	1691	GIS SUPPORT APPLICATIONS 13/14	0.5	300	458	BONDS YET TO BE SOLD**
	4256	MANHOLE CONST MAIN AND SKY PARK SOUTH	0.6	292	364	BONDS YET TO BE SOLD**
	1734	HYDRAULIC MODELING 13/14	0.5	220	305	BONDS YET TO BE SOLD**
	1136	LONG TERM SEWER SYSTEM FLOW MONITORING	1.7	213	267	BONDS YET TO BE SOLD**
	1016	AUTOMATION SYSTEM IMPROVEMENTS SEWER	0.5	200	257	BONDS YET TO BE SOLD**
	1060	FOOTHILL SEWER DIVERSION TO LAWRP	2.0	156	216	BONDS YET TO BE SOLD**
	3777	SKYLIGHT PROTECTION	0.5	176	208	BONDS YET TO BE SOLD**
	1495	OCSO EQUITY 12/13	2.4	2	2	BONDS YET TO BE SOLD**
	1504	OCSO EQUITY 13/14	2.4	2	2	BONDS YET TO BE SOLD**
				<b>\$453,809</b>	<b>\$469,955</b>	
284	4286	MWRP BIOSOLIDS AND ENERGY RECOVERY FACILITIES	1.1	448,844	464,277	BONDS YET TO BE SOLD**
	1543	OCSO CORF 13/14	1.7	25,486	25,486	BONDS YET TO BE SOLD**
	1400	OCSO SOLIDS HANDLING 13/14	1.7	21,488	21,488	BONDS YET TO BE SOLD**
	1541	OCSO CORF 12/13	1.7	5,726	5,726	BONDS YET TO BE SOLD**
	1152	IRWD PIPELINES RELOCATION FOR SC GRADE SEPARATION	2.6	5,096	5,561	BONDS YET TO BE SOLD**
	4157	UNIVERSITY LS ODOR CONTROL SYSTEM	0.6	1,528	1,664	BONDS YET TO BE SOLD**
	1350	ENG PLANNING STUDY RESERVE 13/14	0.5	858	1,504	BONDS YET TO BE SOLD**
	4574	SEWER GEN SYS MODS 13/14	0.5	1,375	1,375	BONDS YET TO BE SOLD**
	1599	MWRP EXPANSION PHASE II	2.6	1,167	1,287	BONDS YET TO BE SOLD**
	4397	LAWRP SYSTEM UPGRADES	0.5	565	841	BONDS YET TO BE SOLD**

# IRVINE RANCH WATER DISTRICT

## 2013 / 14 Capital Budget

### Allocation of FY Project Expenditures by Improvement District and Source of Funds

<u>ID No.</u>	<u>Project</u>	<u>Title</u>	<u>% Allocated</u>	<u>FY Direct</u>	<u>FY Direct + GA</u>	<u>Source of Funds</u>
284	1691	GIS SUPPORT APPLICATIONS 13/14	0.5	300	458	BONDS YET TO BE SOLD**
	4256	MANHOLE CONST MAIN AND SKY PARK SOUTH	0.6	292	364	BONDS YET TO BE SOLD**
	1734	HYDRAULIC MODELING 13/14	0.5	220	305	BONDS YET TO BE SOLD**
	1136	LONG TERM SEWER SYSTEM FLOW MONITORING	1.8	225	283	BONDS YET TO BE SOLD**
	1016	AUTOMATION SYSTEM IMPROVEMENTS SEWER	0.5	200	257	BONDS YET TO BE SOLD**
	1060	FOOTHILL SEWER DIVERSION TO LAWRP	2.2	172	238	BONDS YET TO BE SOLD**
	3777	SKYLIGHT PROTECTION	0.5	176	208	BONDS YET TO BE SOLD**
	1495	OCSO EQUITY 12/13	2.6	3	3	BONDS YET TO BE SOLD**
	1504	OCSO EQUITY 13/14	2.6	3	3	BONDS YET TO BE SOLD**
				<b>\$513,724</b>	<b>\$531,328</b>	
286	1600	PORTOLA HILLS SLS ABANDONMENT AND GRAVITY SEWER	50.0	161,500	170,300	BONDS YET TO BE SOLD**
	4157	UNIVERSITY LS ODOR CONTROL SYSTEM	0.2	509	555	BONDS YET TO BE SOLD**
	1350	ENG PLANNING STUDY RESERVE 13/14	0.1	172	301	BONDS YET TO BE SOLD**
	4574	SEWER GEN SYS MODS 13/14	0.1	275	275	BONDS YET TO BE SOLD**
	4397	LAWRP SYSTEM UPGRADES	0.1	113	168	BONDS YET TO BE SOLD**
	4256	MANHOLE CONST MAIN AND SKY PARK SOUTH	0.2	97	121	BONDS YET TO BE SOLD**
	1691	GIS SUPPORT APPLICATIONS 13/14	0.1	60	92	BONDS YET TO BE SOLD**
	1136	LONG TERM SEWER SYSTEM FLOW MONITORING	0.5	63	79	BONDS YET TO BE SOLD**
	1590	LAKE FOREST SEWER MUIRLANDS, EL TORO TO LAWRP	0.9	27	68	BONDS YET TO BE SOLD**
	1734	HYDRAULIC MODELING 13/14	0.1	44	61	BONDS YET TO BE SOLD**
	1016	AUTOMATION SYSTEM IMPROVEMENTS SEWER	0.1	40	51	BONDS YET TO BE SOLD**
	3777	SKYLIGHT PROTECTION	0.1	35	42	BONDS YET TO BE SOLD**
				<b>\$162,935</b>	<b>\$172,113</b>	
288	1600	PORTOLA HILLS SLS ABANDONMENT AND GRAVITY SEWER	50.0	161,500	170,300	BONDS YET TO BE SOLD**
	4157	UNIVERSITY LS ODOR CONTROL SYSTEM	0.2	509	555	BONDS YET TO BE SOLD**
	1350	ENG PLANNING STUDY RESERVE 13/14	0.1	172	301	BONDS YET TO BE SOLD**
	4574	SEWER GEN SYS MODS 13/14	0.1	275	275	BONDS YET TO BE SOLD**
	4397	LAWRP SYSTEM UPGRADES	0.1	113	168	BONDS YET TO BE SOLD**
	4256	MANHOLE CONST MAIN AND SKY PARK SOUTH	0.2	97	121	BONDS YET TO BE SOLD**
	1691	GIS SUPPORT APPLICATIONS 13/14	0.1	60	92	BONDS YET TO BE SOLD**
	1136	LONG TERM SEWER SYSTEM FLOW MONITORING	0.5	63	79	BONDS YET TO BE SOLD**
	1734	HYDRAULIC MODELING 13/14	0.1	44	61	BONDS YET TO BE SOLD**
	1016	AUTOMATION SYSTEM IMPROVEMENTS SEWER	0.1	40	51	BONDS YET TO BE SOLD**

# IRVINE RANCH WATER DISTRICT

## 2013 / 14 Capital Budget

### Allocation of FY Project Expenditures by Improvement District and Source of Funds

<u>ID No.</u>	<u>Project</u>	<u>Title</u>	<u>% Allocated</u>	<u>FY Direct</u>	<u>FY Direct + GA</u>	<u>Source of Funds</u>
288	3777	SKYLIGHT PROTECTION	0.1	35	42	BONDS YET TO BE SOLD**
	1590	LAKE FOREST SEWER MUIRLANDS, EL TORO TO LAW RP	0.4	12	30	BONDS YET TO BE SOLD**
				<b>\$162,920</b>	<b>\$172,075</b>	
290	1106	HYDRAULIC MODEL UPDATE / CALIBRATION - NONPOTABLE	4.2	14,721	18,199	BONDS YET TO BE SOLD**
	4463	HEALTH DEPT FEES FOR 13/14	4.2	3,557	4,343	BONDS YET TO BE SOLD**
				<b>\$18,278</b>	<b>\$22,542</b>	
299	4286	MWRP BIOSOLIDS AND ENERGY RECOVERY FACILITIES	11.6	4,733,264	4,896,012	CAPITAL FUND ENHANCEMENT*
	1350	ENG PLANNING STUDY RESERVE 13/14	71.5	122,694	215,072	CAPITAL FUND ENHANCEMENT*
	4157	UNIVERSITY LS ODOR CONTROL SYSTEM	71.4	181,784	198,064	CAPITAL FUND ENHANCEMENT*
	4574	SEWER GEN SYS MODS 13/14	71.5	196,625	196,625	CAPITAL FUND ENHANCEMENT*
	1575	ENG PLANNING STUDY RESERVE 13/14	67.3	118,448	187,094	CAPITAL FUND ENHANCEMENT*
	1776	LAWRP SYSTEM UPGRADES	67.3	81,298	121,342	CAPITAL FUND ENHANCEMENT*
	4397	LAWRP SYSTEM UPGRADES	71.5	80,724	120,192	CAPITAL FUND ENHANCEMENT*
	4396	CATHODIC PROTECTION FOR GAP PIPE SEGMENT	67.4	81,554	93,012	CAPITAL FUND ENHANCEMENT*
	1054	AUTOMATION SYSTEM IMPROVEMENTS RW	67.3	49,062	71,944	CAPITAL FUND ENHANCEMENT*
	1691	GIS SUPPORT APPLICATIONS 13/14	71.5	42,900	65,423	CAPITAL FUND ENHANCEMENT*
	1795	GIS SUPPORT APPLICATIONS 13/14	67.3	40,380	61,580	CAPITAL FUND ENHANCEMENT*
	1406	GEN SYS MODS 13/14	67.3	39,236	52,965	CAPITAL FUND ENHANCEMENT*
	1734	HYDRAULIC MODELING 13/14	71.5	31,460	43,615	CAPITAL FUND ENHANCEMENT*
	4256	MANHOLE CONST MAIN AND SKY PARK SOUTH	71.4	34,700	43,268	CAPITAL FUND ENHANCEMENT*
	1736	HYDRAULIC MODELING 13/14	67.3	29,612	41,053	CAPITAL FUND ENHANCEMENT*
	1016	AUTOMATION SYSTEM IMPROVEMENTS SEWER	71.5	28,600	36,680	CAPITAL FUND ENHANCEMENT*
	3777	SKYLIGHT PROTECTION	71.5	25,097	29,673	CAPITAL FUND ENHANCEMENT*
	3783	SKYLIGHT PROTECTION	67.3	23,622	27,930	CAPITAL FUND ENHANCEMENT*
	3808	SYPHON RESERVOIR EXPANSION	67.3	1,615	2,759	CAPITAL FUND ENHANCEMENT*
				<b>\$5,942,675</b>	<b>\$6,504,303</b>	
				<b>Grand Total:</b>	<b>\$110,331,335</b>	<b>\$117,836,254</b>





