

April 13, 2011

Ms. Debbie Carlisle  
California Department of Water Resources  
Division of Integrated Regional Water Management  
Financial Assistance Branch  
Post Office Box 942836  
Sacramento, CA 94236-0001

Dear Ms. Carlisle:

I am pleased to submit the enclosed proposal for the California Department of Water Resources' Integrated Regional Water Management Grant Program for Stormwater Flood Management Grants funded by Proposition 1E. We are requesting \$15 million for the Haster Basin Pump Station and Recreational Field Project located in the Westminster Watershed in Orange County; the Orange County Flood Control District will provide 50-50 matching funds.

In conjunction with our \$300 million dollar East Garden Grove-Wintersburg Channel system-wide improvement plans, this \$30 million project will increase the storage capacity of Haster Retarding Basin to convey the 100 year storm. The Haster Retarding Basin currently can only handle a 5-year storm event. This project will provide regional benefits in that this channel system stretches 11.5 miles from the ocean outlet in Huntington Beach to the headwaters in Anaheim.

Should you have any questions or be interested in a tour of the location and proposed improvements, please do not hesitate to contact me at (714) 667-3217.

We appreciate your consideration of this much needed project.

Sincerely,

  
Jess A. Carbajal  
Director



**JANET NGUYEN**  
ORANGE COUNTY BOARD OF SUPERVISORS  
SUPERVISOR, FIRST DISTRICT

ORANGE COUNTY HALL OF ADMINISTRATION  
333 W. SANTA ANA BLVD.  
10 CIVIC CENTER PLAZA, SANTA ANA, CALIFORNIA 92701  
PHONE (714) 834-3110 FAX (714) 834-5754  
Janet.nguyen@ocgov.com

April 14, 2011

Mr. Mark Cowin, Director  
California Department of Water Resources  
P.O. Box 942836, Room 1115-1  
Sacramento, CA 94236-0001

**RE: Support – County of Orange’s Proposition 1E Stormwater Flood Management Grant Program Application for the Haster Retarding Basin and Pump Station Project**

Dear Mr. Cowin:

I am writing to you in support of the County of Orange’s Proposition 1E Stormwater Flood Management Grant Program application for the Haster Retarding Basin and Pump Station Project located in the Westminster Watershed.

This \$30 million project will improve the storage capacity of Haster Retarding Basin within the East Garden Grove-Wintersburg Channel system. This channel system has regional significance as it stretches 11.5 miles from the ocean outlet in Huntington Beach to the headwaters in Anaheim. A new pump station and pumps are part of the project in order to regulate and optimize the flow from the basin to the downstream channel. Improvements to the adjacent Twin Lakes Park will be constructed in conjunction with the new pump station. These recreational improvements, as guided by the Haster Recreational Fields Concept Plan, will consist of filling a portion of the retarding basin for a new grass turf area, reconstruction of the basin perimeter multi-use path, and replacement of dilapidated picnic tables and benches affected by construction.

Should you have any questions or are interested in a tour of the location and proposed improvements, please do not hesitate to contact me at (714) 834-3110, or Jess Carbajal, OC Public Works Director, at (714) 667-3217.

We appreciate your consideration of this much needed project.

Sincerely,

JANET NGUYEN  
Orange County Board of Supervisors  
Supervisor, First District

# ATTACHMENT 1

Authorizing Documentation:

Please see attached draft resolution to be adopted by the Orange County Board of Supervisors on April 19, 2011. The resolution designates an authorized representative to submit the application and execute an agreement with the State of California for a SWFM Grant. OC Public Works obtained email approval from DWR to submit the Board of Supervisors' approved Resolution and Board Minute Order after it is considered on April 19, 2011. Our Board of Supervisors was dark for several weeks prior to the grant application due date, preventing the inclusion of the adopted board resolution as part of the application package.

Eligible Applicant Documentation:

Question 1. Is the applicant a local agency as defined in Appendix B of the Guidelines? Please explain.

Response 1. Yes. The applicant is a local agency as defined in Appendix B of the Guidelines. The applicant is the Orange County Flood Control District.

Question 2. What is the statutory or other legal authority under which the applicant was formed and is authorized to operate?

Response 2. The Orange County Flood Control District was established by the State of California in the Orange County Flood Control Act of 1927.

Question 3. Does the applicant have legal authority to enter into a grant agreement with the State of California?

Response 3. Yes.

Question 4. Describe any legal agreements among partner agencies and/or organizations to ensure performance of the Proposal and tracking of funds.

Response 4. The Orange County Flood Control District has no partner agencies for the Haster Pump Station and Haster Retarding Basin project. Only the Orange County Flood Control District is responsible to ensure performance of the proposal and tracking of funds.

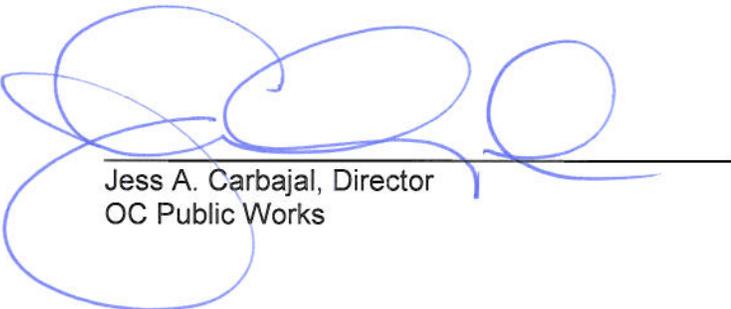
GWMP Compliance:

The proposed Project may potentially increase infiltration to groundwater. The Haster Retarding Basin and Pump Station project includes dewatering operations; however, the project geotechnical report indicates that there is a perched water table with a deep clay layer at approximately 45-ft below ground elevation. The perched groundwater layer will be lowered about 10 feet during the construction of project. After the construction of the project the perched groundwater aquifer will be allowed to refill to existing conditions. The slopes of the basin will be steepened and the open water area of the basin will be increased as a result of this project, thereby increasing the ability of the facility to percolate groundwater.

The Orange County Water District (OCWD) manages the Orange County Groundwater Basin and the groundwater table in the project vicinity. The Orange County Water District Groundwater Management Plan (GWMP) 2009 Update was adopted by the OCWD Directors on July 15, 2009. In an effort to comply with OCWD's GWMP, the Orange County Flood Control District has consulted with OCWD regarding the impacts from this project on groundwater and they have no objections to the project. Orange County Flood Control District consents to be subject to OCWD's GWMP.

Consistency with an adopted IRWM Plan:

The proposed Haster Retarding Basin and Pump Station project is in the Prioritized One Water One Watershed (OWOW) Master Project List; OWOW is the IRWM for the Santa Ana Funding Area and was adopted November 16, 2010. Projects on this list were evaluated and prioritized to determine consistency with the IRWM Plan. Please see attached project list from the OWOW Plan.



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Jess A. Carbajal, Director  
OC Public Works

RESOLUTION OF THE BOARD OF SUPERVISORS OF  
ORANGE COUNTY FLOOD CONTROL DISTRICT,  
COUNTY OF ORANGE

April 19, 2011

WHEREAS, the Legislature of the State of California has made grant money available to local entities for Integrated Water Management Planning and Implementation (IRWM) through its Department of Water Resources (DWR) in accordance with the terms and conditions of California Public Resources Code Section 5096.800 et. seq.; and

WHEREAS, the Director of Orange County Public Works (Director) or his designee on behalf of the Orange County Flood Control District (District) requests authority to obtain funding from the DWR for the construction of a pump station and basin improvements at Haster Retarding Basin pursuant to the Disaster Preparedness and Flood Protection Bond Act of 2006, California Public Resources Code Section 5096.800 et. seq. and,

NOW, THEREFORE, BE IT RESOLVED that this Board acting on behalf of the Orange County Flood Control District does hereby:

1. Pursuant to the provisions set forth in the California Public Resources Code Section 5096.800 et. seq., authorize the Director to submit an application on behalf of the District to DWR for the purpose of obtaining grant funding for the construction of the Haster Pump Station and basin improvements at Haster Retarding Basin.
2. The Director is hereby authorized to take all necessary action for submittal of and subsequent execution of the grant application, including but not limited to: preparing necessary data; conducting investigations; signing certifications required as part of the grant application; signing and filing said application;

Resolution No. \_\_\_\_\_, Item No. \_\_\_\_\_  
Integrated Regional Water Management Grant (Haster)

executing a grant agreement with DWR for the Haster Retarding Basin and Haster Pump Station; and invoicing DWR for payment of allocated funds, as appropriate.

Resolution No. \_\_\_\_\_, Item No. \_\_\_\_\_  
Integrated Regional Water Management Grant (Haster)



## Prioritized OWOW Master Project List\*



\* ranks determined based on self-reported data submitted before 6/30/2010

[Main Project Statistics Page](#)

Project No	Project Ranking	Project Name	Agency	Total Cost	Requested Funding
1167	1	City of Fontana Flood Control and Aquifer Recharge Program	City of Fontana	\$6,000,000.00	\$1,000,000.00
1015	2	The Project consists of two detention basins and approximately 11,800 lineal feet of open channel and storm drains from Juniper Flats westerly. It represents Phase 1 of the four phase MDP.	City of Menifee	\$6,000,000.00	\$3,500,000.00
1236	3	San Jacinto Wildlife Area Habitat Sustainability and Enhancement Utilizing Recycled Water	Eastern Municipal Water District	\$150,000.00	\$75,000.00
1272	4	Repairs to the Unlined RCP Reach IVA and Reach IVB Santa Ana Regional Interceptor (SARI)	Santa Ana Watershed Project Authority	\$25,000,000.00	\$4,000,000.00
1096	5	San Jacinto Indirect Potable Reuse	Eastern Municipal Water District	\$2,000,000.00	\$1,000,000.00
1171	6	Perris II Desalination Facility	Eastern Municipal Water District	\$57,000,000.00	\$28,700,000.00
1211	7	Sludge Dewatering, Odor Control, and Primary Sludge Thickening at Plant No. 1, Project No. P1-101	Orange County Sanitation District (OCSD)	\$100,000,000.00	\$1,000,000.00
1205	8	Storm Water Capture and Groundwater Recharge in the Perris North Groundwater Management Zone	Eastern Municipal Water District	\$200,000.00	\$100,000.00
1190	9	Cactus Basins No. 3 and No. 3A	San Bernardino County Flood Control District	\$10,000,000.00	\$1,000,000.00
1104	10	Temescal Gardens Online	Elsinore Valley Municipal Water District	\$300,000.00	\$200,000.00
1173	11	Hemet/San Jacinto Integrated Recharge and Recovery Program Phase II	Eastern Municipal Water District	\$2,400,000.00	\$1,800,000.00
1136	12	Groundwater Replenishment System - Flow Equalization	Orange County Water District	\$23,218,000.00	\$5,804,500.00
1113	13	Regional Recycling Plant No.5 Expansion	Inland Empire Utilities Agency	\$70,000,000.00	\$52,500,000.00
1117	14	RP-5 De-bottlenecking and RP-2 Capacity Improvement	Inland Empire Utilities Agency	\$39,000,000.00	\$29,250,000.00
1047	15	Industrial Way Water Quality and Storm Drain Improvement Project	city of costa mesa	\$3,000,000.00	\$2,400,000.00
1082	16	Arlington Desalter Connection Project No. 27-1208 & Western Municipal Water District Promenade Connection	City of Corona	\$800,000.00	\$400,000.00
1188	17	West Fontana Basin	San Bernardino County Flood Control District	\$10,000,000.00	\$2,000,000.00
1181	18	Perris II Desalter Ancillary Facilities	Eastern Municipal Water District	\$42,000,000.00	\$31,500,000.00
1135	19	Groundwater Replenishment System Expansion	Orange County Water District	\$104,000,000.00	\$26,000,000.00
1103	20	San Jacinto River Gap Project	Riverside County Flood Control & Water Conservation District	\$40,000,000.00	\$30,000,000.00
1250	21	Cucamonga Creek Watershed Regional Water Quality Project (Mill Creek Wetlands)	City of Ontario	\$20,000,000.00	\$10,000,000.00
1166	22	Infiltration and Inflow Reduction Program	Costa Mesa Sanitary District	\$3,000,000.00	\$2,400,000.00
1226	23	Brine Line (SARI) SCADA System	Santa Ana Watershed Project Authority	\$25,000,000.00	\$4,000,000.00

Project Cost Summary

1291	24	Place-Based GIS Land Use Design Tool to Protect Watershed Function in the Upper Santa Ana River Watershed	California Resource Connections, Inc.	\$475,000.00	\$475,000.00
1168	25	Modjeska Park Parking Detention/Infiltration Facility (Design Only)	City of Anaheim	\$250,000.00	\$125,000.00
1160	26	Constructed Wetland Habitat Restoration and Water Reclamation project for the Santa Ana River Borrow Pit.	San Bernardino Valley Water Conservation District	\$4,400,000.00	\$1,000,000.00
1180	27	Cactus Basins No. 4 and No. 5	San Bernardino County Flood Control District	\$21,600,000.00	\$6,600,000.00
1090	28	San Bernardino National Forest Ecological Restoration and Watershed Improvement	USDA Forest Service - San Bernardino National Forest	\$8,000,000.00	\$1,000,000.00
983	29	East Garden Grove Wintersburg Channel Urban Runoff Diversion Project, Phase I	City of Huntington Beach	\$5,488,700.00	\$5,200,000.00
1163	30	Cable Creek Basin and Spreading Grounds	San Bernardino County Flood Control District	\$1,000,000.00	\$250,000.00
1000	31	Characterization and optimization of cost-effective treatment wetlands for surface water quality improvement	Santa Ana Watershed Project Authority	\$300,000.00	\$150,000.00
1162	32	Sun City Force Main and Recycled Water Pipeline Replacement	Eastern Municipal Water District	\$12,610,000.00	\$9,458,000.00
1247	33	Arlington Basin Water Quality Improvement Project	Western Municipal Water District	\$726,000.00	\$216,000.00
987	34	San Jacinto Urban Runoff Treatment & Control	Lake Elsinore and San Jacinto Watersheds Authority	\$250,000.00	\$125,000.00
1214	35	Pharmaceutical Collection Program	Orange County Sanitation District (OCSD)	\$185,000.00	\$90,000.00
986	36	San Jacinto Watershed Nutrient TMDL Pollutant Trading Study	Lake Elsinore and San Jacinto Watersheds Authority	\$250,000.00	\$125,000.00
948	37	The Quail Valley Groundwater Infiltration Improvements Project	City of Menifee	\$100.00	\$250,000.00
1133	38	Sunset Gap Seawater Intrusion	Orange County Water District	\$700,000.00	\$175,000.00
1094	39	Chino Creek Multipurpose Corridor	Inland Empire Utilities Agency	\$13,900,000.00	\$10,425,000.00
988	40	San Jacinto River Riparian Habitat Restoration	Lake Elsinore and San Jacinto Watersheds Authority	\$300,000.00	\$150,000.00
1176	41	Mission Zanja Creek Feasibility Study	San Bernardino County Flood Control District	\$1,000,000.00	\$250,000.00
989	42	Lake Elsinore Water Quality Modeling	Lake Elsinore and San Jacinto Watersheds Authority	\$300,000.00	\$150,000.00
1216	43	IEUA Regional Water Budget Program	Inland Empire Utilities Agency	\$315,000.00	\$200,000.00
1075	44	Enhanced Stormwater Capture and Recharge along the Santa Ana River	San Bernardino Valley Municipal Water District	\$8,000,000.00	\$6,000,000.00
1186	45	Etiwanda/San Sevaine Basins 1 through 4	San Bernardino County Flood Control District	\$4,000,000.00	\$1,000,000.00
1213	46	Regional Residential Landscape Retrofit Program	Inland Empire Utilities Agency	\$315,000.00	\$200,000.00
975	47	Lake Elsinore Alum/Phoslock Treatment	Lake Elsinore and San Jacinto Watersheds Authority	\$2,500,000.00	\$1,250,000.00
1206	48	Watershed Action Plan	Inland Empire Utilities Agency	\$1,000,000.00	\$750,000.00
1129	49	Drainage A Detention Basin	City of Chino	\$5,200,000.00	\$3,900,000.00
1201	50	IEUA Regional Landscape Evaluation Program	Inland Empire Utilities Agency	\$165,000.00	\$100,000.00

Project Cost Summary

1208	51	Regional Residential Landscape Financing Program	Inland Empire Utilities Agency	\$240,000.00	\$150,000.00
1219	52	Regional Commercial Incentive Program	Inland Empire Utilities Agency	\$415,000.00	\$250,000.00
985	53	Lake Elsinore & Canyon Lake Nutrient TMDL Monitoring	Lake Elsinore and San Jacinto Watersheds Authority	\$1,500,000.00	\$750,000.00
1240	54	Chino Creek Wellfield, Wells 1, 2, and 3	Western Municipal Water District	\$6,700,000.00	\$1,675,000.00
1143	55	Central Orange County Trash Reduction Project	Orange County Coastkeeper	\$355,408.00	\$266,566.00
1215	56	La Sierra Pipeline Project	Western Municipal Water District	\$16,000,000.00	\$3,000,000.00
1174	57	Quail Valley Sewer Improvements (Subarea 9)	Eastern Municipal Water District	\$18,932,000.00	\$14,199,000.00
1164	58	Orange County LID Implementation Project	Orange County Coastkeeper	\$420,481.00	\$315,361.00
1217	59	Regional Public Sector Program	Inland Empire Utilities Agency	\$665,000.00	\$500,000.00
974	60	Lake Elsinore Fishery Enhancement	Lake Elsinore and San Jacinto Watersheds Authority	\$1,700,000.00	\$850,000.00
1003	61	Mill Creek Diversion Project	Orange County Water District	\$7,000,000.00	\$1,750,000.00
1158	62	Brine Line (SARI) Flow Equalization Structure	Santa Ana Watershed Project Authority	\$2,000,000.00	\$1,500,000.00
951	63	River Road Treatment Wetlands	Orange County Water District	\$8,500,000.00	\$2,125,000.00
1270	64	San Bernardino Clean Water Factory – Phase I	City of San Bernardino Municipal Water Department	\$2,728,776.00	\$1,000,000.00
1243	65	Borrego Canyon Wash Stabilization and Restoration Project	County of Orange/OC Watersheds	\$3,232,000.00	\$1,939,200.00
1278	66	Wells 21 and 22 Project	Irvine Ranch Water District	\$39,768,000.00	\$10,000,000.00
1049	67	Upper Santa Ana Watershed Alluvial Scrub Habitat Restoration Project and Mitigation Banking Assessment	San Bernardino Valley Water Conservation District	\$225,000.00	\$130,000.00
955	68	Cypress Channel Multipurpose Corridor	Inland Empire Utilities Agency	\$7,600,000.00	\$5,700,000.00
1279	69	Wineville Extension Pipeline	Inland Empire Utilites Agency	\$11,212,500.00	\$8,409,375.00
1281	70	Baker Water Treatment Plant Project	IRVINE RANCH WATER DISTRICT	\$62,000,000.00	\$10,000,000.00
1089	71	Temescal Gardens	Elsinore Valley Municipal Water District	\$1,000,000.00	\$750,000.00
1169	72	Strand Ranch Water Banking Project Recovery Wells and Conveyance Facilities	Irvine Ranch Water District	\$7,353,000.00	\$1,800,000.00
1260	73	Mid-Basin Injection Project	Orange County Water District	\$18,000,000.00	\$4,500,000.00
1016	74	Santa Ana Watershed Vireo Monitoring and Breeding Bird Surveys	Santa Ana Watershed Association	\$1,167,846.00	\$875,885.00
1128	75	Big Bear Lake Hypolimnetic Oxygenation System	Santa Ana Watershed Project Authority	\$1,500,000.00	\$1,125,000.00
1280	76	Renewable Energy Expansion Program	Inland Empire Utilities Agency	\$4,000,000.00	\$3,000,000.00
1283	77	Brine Line Maintenance Access Structures, Reach V and Reach	Santa Ana Watershed	\$5,600,000.00	\$4,600,000.00

Project Cost Summary

		IVB	Project Authority		
1111	78	930-Zone Pipeline and Reservoir, Expansion of the CCWRF-RP-1 S.Zone Pump Station and Installation of a Parallel Line to RP-1 Outfall	Inland Empire Utilities Agency	\$39,338,000.00	\$29,503,500.00
990	79	Stormwater Treatment Wetlands for Canyon Lake	Lake Elsinore and San Jacinto Watersheds Authority	\$300,000.00	\$150,000.00
1116	80	Lake Mathews Watershed Master Water Quality Improvement Project Phase II	Riverside County Flood Control & Water Conservation District	\$8,000,000.00	\$6,000,000.00
943	81	In-Conduit Hydroelectric Project	NLine Energy, Inc.	\$950,000.00	\$450,000.00
1185	82	Lytle Cajon Basin	San Bernardino County Flood Control District	\$1,000,000.00	\$250,000.00
1002	83	Fletcher Basin Rehabilitation	Orange County Water District	\$5,000,000.00	\$1,250,000.00
976	84	Canyon Lake Dredging Enhancements	Lake Elsinore and San Jacinto Watersheds Authority	\$550,000.00	\$275,000.00
999	85	Orange County Regional Stormwater Infiltration Program	Orange County Water Distict	\$2,000,000.00	\$500,000.00
1269	86	Brine Line (SARI) Solids Control Structures	Santa Ana Watershed Project Authority	\$2,000,000.00	\$1,500,000.00
1229	87	East Diamond Valley Recycled Water Storage Pond and Distribution Pipeline Project	Eastern Municipal Water District	\$10,783,600.00	\$8,087,700.00
1200	88	ARTIC Use of GWRS Water for Irrigation and Groudwater Recharge	City of Anaheim	\$4,000,000.00	\$2,000,000.00
1288	89	Borrego Canyon Wash Bypass Channel Improvements within the portion of Shea/Baker Ranch Property (Bypass Channel)	Shea/Baker Ranch, LLC	\$15,500,000.00	\$6,200,000.00
1212	90	Chino II Desalter Brine Minimization	Western Municipal Water District	\$30,600,000.00	\$4,590,000.00
977	91	Canyon Lake Alum/Phoslock Treatment	Lake Elsinore and San Jacinto Watersheds Authority	\$1,500,000.00	\$750,000.00
1227	92	Perchlorate Wellhead Treatment System Pipelines	West Valley Water District	\$1,541,000.00	\$1,541,000.00
1020	93	Water Conservation Demonstration Garden	San Bernardino Valley Municipal Water District	\$115,000.00	\$86,250.00
1130	94	Santiago Enhanced Recharge	Orange County Water District	\$840,000.00	\$210,000.00
945	95	Hypolimnetic Oxygenation System for Canyon Lake	Lake Elsinore and San Jacinto Watersheds Authority	\$800,000.00	\$400,000.00
1137	96	Enhanced Water Conservation at Prado	Orange County Water District	\$5,500,000.00	\$1,375,000.00
1088	97	Magnolia Channel Detention Basin	City of Chino	\$83,600.00	\$62,700.00
981	98	Santiago Basins Pump Station	Orange County Water District	\$3,100,000.00	\$775,000.00
1265	99	Riverside North Aquifer Storage and Recovery Project	City of Riverside	\$12,500,000.00	\$2,000,000.00
1275	100	A Shared Workspace is the Foundation for Collaborative Watershed Management.	S4S Solutions Inc.	\$80,000.00	\$60,000.00
984	101	Water Use Efficiency Program	City of Ontario Municipal Utilities Company	\$150,558.00	\$75,218.00
1095	102	Perchlorate Wellhead Treatment System Wells and SCADA	West Valley Water District	\$1,315,000.00	\$1,315,000.00
1234	103	The San Jacinto Citrus In-Lieu Recycled Water Pond Pump Station and Distribution Pipeline Project	Eastern Municipal Water District	\$7,240,000.00	\$5,430,000.00
1149	104	Santa Ana River Interceptor (SARI) Line Relocation Project	Orange County Flood Control District	\$86,000,000.00	\$43,000,000.00
1172	105	Quail Valley Sewer Improvements (Subareas 1-8)	Eastern Municipal Water	\$56,762,000.00	\$42,572,000.00

Project Cost Summary

			District		
1300	106	Inland Empire Brine Line Capacity Pool Program	Santa Ana Watershed Project Authority	\$6,025,000.00	\$4,150,000.00
1018	107	Perris Water Filtration Plant Reject Recovery Facility	Eastern Municipal Water District	\$6,765,828.00	\$5,074,371.00
1284	108	Natural Treatment System Facility No. 62 (NTS-62)	IRVINE RANCH WATER DISTRICT	\$2,460,000.00	\$440,000.00
1287	109	Enhanced Stormwater Capture and Recharge along the Santa Ana River Phase II	San Bernardino Valley Municipal Water District	\$22,000,000.00	\$16,500,000.00
1050	110	14th Street Groundwater Recharge and Storm Water Quality Treatment Integration Facility	City of Upland	\$5,000,000.00	\$3,750,000.00
1091	111	Recycled Water Transmission Main (Santa Ana River Segment)	City of Riverside	\$26,000,000.00	\$2,000,000.00
965	112	Fairview Park Wetlands and Riparian Habitat Project	City of Costa Mesa	\$4,560,000.00	\$2,200,000.00
1132	113	Miraloma Recharge Basin	Orange County Water District	\$6,100,000.00	\$1,525,000.00
1170	114	EMWD Desalination Recovery Enhancement and Brine Concentrate Management Demonstration Facility	Eastern Municipal Water District	\$12,000,000.00	\$9,000,000.00
1092	115	Groundwater Interception and Conveyance System for Selenium Load Reduction at the Lower Peters Canyon Wash, Orange County, California	Orange County Watersheds Program	\$1,250,000.00	\$500,000.00
1147	116	East Garden Grove-Wintersburg Channel (OCFCD Facility No. C05) from Tidegates to upstream Warner Avenue.	Orange County, Public Works, Flood Control Section, Flood Programs	\$44,000,000.00	\$11,000,000.00
1152	117	East Garden Grove-Wintersburg Channel (OCFCD Facility No. C05) from upstream Warner Avenue to downstream Goldenwest Street.	Orange County, Public Works, Flood Control Section, Flood Program	\$22,000,000.00	\$5,500,000.00
1007	118	Randolph Creek Water Quality and Habitat Enhancement Project	City of Brea	\$870,000.00	\$700,000.00
998	119	Chino Creek Wetlands	Orange County Water District	\$12,000,000.00	\$3,000,000.00
958	120	Colored Water Treatment Facility Technology Replacement and Expansion	Mesa Consolidated Water District	\$24,000,000.00	\$2,000,000.00
1134	121	Mid-Basin Injection Demonstration	Orange County Water District	\$4,900,000.00	\$1,225,000.00
1277	122	Brookhurst Widening Bio-Swale and Synthetic Turf Installation	City of Anaheim	\$1,600,000.00	\$800,000.00
962	123	North Basin Groundwater Protection Project	Orange County Water District	\$42,000,000.00	\$10,500,000.00
1151	124	Irvine Ranch Water District Advanced Metering Infrastructure (AMI) Project	Irvine Ranch Water District	\$2,125,000.00	\$500,000.00
1220	125	French Valley Recycled Water Distribution Pipeline Project	Eastern Municipal Water District	\$3,192,800.00	\$2,394,600.00
1237	126	The Menifee Recycled Water Pond Pump Station and Distribution Pipeline Project	Eastern Municipal Water District	\$11,980,320.00	\$8,985,240.00
1165	127	San Bernardino River Corridor Revitalization	California Resource Connections		
1115	128	Hickory / Banana Basin Turout Flow Meter	Inland Empire Utilities Agency	\$101,567.00	\$76,175.00
1296	129	Orange Park Acres Groundwater Supplies and Conveyance Facilities	Irvine Ranch Water District (IRWD)	\$25,000,000.00	\$6,250,000.00
1178	130	Well 17 & 18 Water Treatment Facility	Rubidoux Community Services District	\$5,000,000.00	\$5,000,000.00
1264	131	Second Lower Cross Feeder Project	Municipal Water District of Orange County	\$50,000,000.00	\$12,500,000.00
994	132	City of Tustin Main Street Facility Improvements	City of Tustin	\$300,000.00	\$150,000.00
1244	133	Riverside-Corona Feeder Wells	Western Municipal Water District	\$7,500,000.00	\$2,000,000.00
970	134	Serrano Creek Restoration Plan	County of Orange	\$3,345,212.00	\$1,338,085.00

## Project Cost Summary

1184	135	SMART Landscapes	Irvine Ranch Water District	\$290,000.00	\$100,000.00
1245	136	Chino II Desalter Treated Water Pump Station	Western Municipal Water District	\$2,970,000.00	\$1,485,000.00
1106	137	Agency Wide Aeration System Modifications	Inland Empire Utilities Agency	\$2,000,000.00	\$1,500,000.00
1032	138	Construction and Quantitative Evaluation of the Low Impact Development Retrofit Project for Orange County Public Works Glassell Yard, Orange, California	County of Orange/OC Watersheds Program	\$3,000,000.00	\$2,000,000.00
1025	139	Model Institutional Water Conservation Makeover	San Bernardino Valley Municipal Water District	\$345,000.00	\$258,750.00
1045	140	Water Use Efficiency Improvements/Brackish Groundwater Treatment and Constructed Wetland Installation at Yorba Regional Park	City of Anaheim	\$200,000.00	\$100,000.00
1230	141	Haster Retarding Basin and Pump Station (OCFCD Facility No. C05B02/C05PS1)	Orange County, Public Works, Flood Control Section, Flood Programs	\$27,119,078.00	\$6,779,770.00
1242	142	Huntington Harbour Copper Reduction Project	Orange County Coastkeeper	\$630,000.00	\$472,500.00
954	143	Local Recycled Water Laterals Construction	Inland Empire Utilities Agency	\$25,000,000.00	\$12,500,000.00
1024	144	Restoration of the Lower Santa Ana River Marsh	Orange Coast River Park	\$2,260,000.00	\$1,000,000.00
1105	145	City of Fontana Local Recycled Water Distribution Facilities	Inland Empire Utilities Agency	\$8,000,000.00	\$6,000,000.00
1138	146	Montclair Basin SCADA improvments	Inland Empire Utilities Agency	\$132,567.00	\$99,425.00
1040	147	Eastvale Water Recycling Project	Jurupa Community Services District	\$28,000,000.00	\$1,000,000.00
1202	148	San Jacinto Recycled Water Distribution Pipeline Project	Eastern Municipal Water District	\$3,809,480.00	\$2,857,110.00
1248	149	Huntington Harbour Water Quality Improvement Program	Orange County Coastkeeper	\$320,200.00	\$240,150.00
1126	150	RP-5 Wind Turbine	Inland Empire Utilities Agency	\$3,000,000.00	\$2,250,000.00
1125	151	Turner Basin Improvements	Inland Empire Utilities Agency	\$13,453,000.00	\$10,089,750.00
1057	152	DWR Pump Station Alternative 1	San Bernardino Valley Municipal Water District	\$23,000,000.00	\$17,475,000.00
1038	153	Non-Potable Water Distribution System and Van Buren Bridge Recycled Water Pipeline	Jurupa Community Services District_	\$8,920,000.00	\$1,000,000.00
968	154	Five Coves and Lincoln Basins Bypass Pipeline	Orange County Water District	\$6,440,000.00	\$1,610,000.00
1005	155	Prado Basin Sediment Management Project	Orange County Water District	\$2,500,000.00	\$625,000.00
1157	156	Cypress Nature Park Restoration Project	City of Cypress	\$1,557,180.00	\$1,443,180.00
1107	157	Local Recycled Water Laterals Construction	Inland Empire Utilities Agency	\$25,000,000.00	\$18,750,000.00
1109	158	Central Area Recycled Water Project	Inland Empire Utilities Agency	\$27,920,000.00	\$20,940,000.00
1305	159	San Bernardino Clean Water Factory – Phase IV	City of San Bernardino Municipal Water Department	\$122,624,000.00	\$61,312,000.00
991	160	Temescal Creek Master Trail and Park Project	Inland Empire Waterkeeper	\$3,030,000.00	\$3,000,000.00
1123	161	Ely Basin Cla Valve Replacement and Electrial Service	Inland Empire Utilities Agency	\$98,090.00	\$73,568.00
1118	162	Jurupa Pumpstation	Inland Empire Utilities Agency	\$871,487.00	\$653,615.00

Project Cost Summary

1120	163	Motorized Gate Actuator Installation at RP-3	Inland Empire Utilities Agency	\$710,776.00	\$533,082.00
1241	164	Co-generation Facilities Cooling Water System Modifications and Upgrades Project J-109.	Orange County Sanitation District (OCSD)	\$9,094,000.00	\$1,000,000.00
1293	165	Syphon Reservoir Expansion	Irvine Ranch Water District	\$70,000,000.00	\$17,500,000.00
1026	166	Water Recycling Demonstration Project	City of Anaheim	\$8,000,000.00	\$1,600,000.00
1154	167	East Garden Grove-Wintersburg Channel (OCFCD Facility No. C05) from upstream Oceanview Channel (C06) Confluence to downstream Beach Boulevard.	Orange County, Public Works, Flood Control Section, Flood Programs	\$11,000,000.00	\$2,750,000.00
1156	168	East Garden Grove-Wintersburg Channel (OCFCD Facility No. C05) from upstream Quartz Street to upstream Bushard Street.	Orange County, Public Works, Flood Control Section, Flood Programs	\$15,000,000.00	\$37,500,000.00
1041	169	Roger B. Teagarden Ion Exchange Treatment Plant (IXP) Expansion	Jurupa Community Services District	\$10,200,000.00	\$1,000,000.00
1155	170	East Garden Grove-Wintersburg Channel (OCFCD Facility No. C05) from upstream Beach Boulevard to downstream Woodruff Street.	Orange County, Public Works, Flood Control Section, Flood Programs	\$9,600,000.00	\$2,400,000.00
1199	171	Baseline Feeder Well Replacement Project	San Bernardino Valley Municipal Water District	\$7,430,000.00	\$5,572,500.00
966	172	South Basin Groundwater Protection Project Interim Remediation	Orange County Water District	\$2,800,000.00	\$700,000.00
1037	173	West End Pump Station	San Bernardino Valley Municipal Water District	\$10,000,000.00	\$7,500,000.00
1301	174	Well 53	Irvine Ranch Water District	\$1,700,000.00	\$400,000.00
1302	175	Norco/Stagecoach Park Recycled Waterline	City of Corona Department of Water and Power	\$3,700,000.00	\$1,850,000.00
1179	176	East Garden Grove-Wintersburg Channel (OCFCD Facility No. C05) from 300-feet downstream the intersection of Haster Street/Lampson Avenue to 800-feet upstream.	Orange County, Public Works, Flood Control Section, Flood Programs	\$14,560,000.00	\$3,640,000.00
1266	177	Joint Anaheim/IRWD Well Field	Irvine Ranch Water District	\$40,000,000.00	\$5,000,000.00
1004	178	Recycled Water Reservoir	Orange County Great Park Corporation	\$3,500,000.00	\$2,300,000.00
1298	179	Goldenwest 6 MG Tank	Rubidoux Community Services District	\$4,750,000.00	\$4,750,000.00
1177	180	East Garden Grove-Wintersburg Channel (OCFCD Facility No. C05) from upstream Bushard Street to upstream the intersection of McFadden Street/Brookhurst Street.	Orange County, Public Works, Flood Control Section, Flood Programs	\$11,000,000.00	\$2,750,000.00
1246	181	Arlington Desalter Biondenitrification Construction	Western Municipal Water District	\$10,780,000.00	\$5,390,000.00
1119	182	CMSD #101 West Side Pumping Station Abandonment	Costa Mesa Sanitary District	\$3,000,000.00	\$1,000,000.00
1124	183	City of Chino Hills Local Recycled Water Distribution Facilities	Inland Empire Utilities Agency	\$10,000,000.00	\$7,500,000.00
1187	184	Ocean View Channel (OCFCD Facility No. C06) from upstream of the Confluence with East Garden Grove-Wintersburg Channel (C05) to downstream Beach Boulevard.	Orange County, Public Works, Flood Control Section, Flood Programs	\$2,175,000.00	\$543,750.00
1306	185	San Bernardino Clean Water Factory – Phase V	City of San Bernardino Municipal Water Department	\$77,791,000.00	\$38,895,500.00
1011	186	San Jacinto Watershed Urban and Agricultural Land Use Survey and Impervious Surface Mapping	Western Riverside County Agriculture Coalition	\$625,000.00	\$312,500.00
1290	187	24" Mission Blvd Pipeline (Carrera to Goldenwest tank)	Rubidoux Community Services District	\$1,500,000.00	\$1,500,000.00
		Non-Potable Water Distribution System and Indian Hills	Jurupa Community		

Project Cost Summary

1039	188	Wastewater Treatment Plant Rehabilitation	Services District	\$19,520,000.00	\$1,000,000.00
1303	189	San Bernardino Clean Water Factory – Phase II	City of San Bernardino Municipal Water Department	\$18,000,000.00	\$9,000,000.00
993	190	Tustin Avenue Well	City of Tustin	\$4,500,000.00	\$2,250,000.00
1122	191	City of Chino Local Recycled Water Distribution Facilities	Inland Empire Utilities Agency	\$7,000,000.00	\$5,250,000.00
1144	192	Rhine Channel Remediation Project	Orange County Coastkeeper	\$4,000,000.00	\$2,000,000.00
1097	193	North Trumble Recycled Water Storage Ponds	Eastern Municipal Water District	\$12,100,000.00	\$9,075,000.00
1231	194	Syphon Reservoir Integration Project	Irvine Ranch Water District	\$6,900,000.00	\$2,000,000.00
1307	195	San Bernardino Clean Water Factory – Phase VI	City of San Bernardino Municipal Water Department	\$65,593,000.00	\$32,796,500.00
1087	196	Crescent Avenue Sewer Replacement	City of Buena Park	\$2,376,000.00	\$950,400.00
1112	197	San Sevaine Lateral and Turnouts	Inland Empire Utilities Agency	\$2,631,700.00	\$1,973,776.00
1203	198	Wintersberg Chanel Source Identification Study	Orange County Coastkeeper	\$278,000.00	\$208,500.00
1108	199	Hickory Basin Conservation Berm Outlet Modification	Inland Empire Utilities Agency	\$92,752.00	\$69,564.00
1189	200	Ocean View Channel (OCFCD Facility No. C06) from upstream of Beach Boulevard to downstream of Newland Street.	Orange County, Public Works, Flood Control Section, Flood Programs	\$2,570,000.00	\$642,500.00
1140	201	Jurupa Force Main Outlet Modifications	Inland Empire Utilities Agency	\$1,555,113.00	\$1,166,335.00
1204	202	Santa Ana-Delhi Channel (OCFCD Facility No. F01) from Upper Newport Back Bay to downstream of Mesa Drive.	Orange County, Public Works, Flood Control Section, Flood Programs	\$12,350,000.00	\$3,087,500.00
1238	203	Brea Creek Channel (OCFCD Facility No. A02) at Beach Boulevard.	Orange County, Public Works, Flood Control Section, Flood Programs	\$8,400,000.00	\$2,100,000.00
1295	204	Pacific Avenue 16" and 12" Water Pipeline	Rubidoux Community Services District	\$1,000,000.00	\$1,000,000.00
1207	205	Natural Treatment System Site 67	Irvine Ranch Water District	\$19,700,000.00	\$5,500,000.00
961	206	Rawlings Reservoir Replacement	City of Tustin	\$15,000,000.00	\$7,500,000.00
1192	207	Westminster Channel (OCFCD Facility No. C04) from downstream Bolsa Chica Street to upstream the intersection of Springdale Street and Edinger Avenue.	Orange County, Public Works, Flood Control Section, Flood Programs	\$16,900,000.00	\$4,225,000.00
1193	208	Westminster Channel (OCFCD Facility No. C04) from upstream the intersection of Springdale Street and Edinger Avenue to downstream Bolsa Avenue.	Orange County, Public Works, Flood Control Section, Flood Programs	\$21,000,000.00	\$5,250,000.00
1233	209	Rubidoux Community Services District Emergency Interconnections	Rubidoux Community Services District	\$2,000,000.00	\$2,000,000.00
995	210	Wilson III Basins Project and Wilson Basins/Spreading Grounds	City of Yucaipa	\$9,100,000.00	\$7,100,000.00
1282	211	Lane Channel (OCFCD Facility No. F08) from Confluence with F05 channel to Von Karman	Orange County, Public Works, Flood Control Section, Flood Programs	\$15,500,000.00	\$3,875,000.00
1285	212	Lane Channel (OCFCD Facility No. F08) from Von Karman to 1000' downstream Redhill Avenue	Orange County, Public Works, Flood Control Section, Flood Programs	\$15,000,000.00	\$3,750,000.00
1251	213	Fullerton Creek Channel (OCFCD Facility No. A03) from downstream Western Ave to downstream Beach Blvd.	Orange County, Public Works, Flood Control Section, Flood Programs	\$9,800,000.00	\$2,450,000.00

Project Cost Summary

1267	214	Planning & Integration Assistance Program	California Resource Connections	\$200,000.00	\$150,000.00
1191	215	Ocean View Channel (OCFCD Facility No. C06) from downstream of Bushard Street to downstream of Brookhurst Street.	Orange County, Public Works, Flood Control Section, Flood Programs	\$5,600,000.00	\$1,400,000.00
978	216	Raymond Basin Enhancement Project	Orange County Water District	\$3,600,000.00	\$900,000.00
1209	217	Newland Storm Channel (OCFCD Facility No. C05S01) from Confluence with C05 channel to downstream McFadden Avenue.	Orange County, Public Works, Flood Control Section, Flood Programs	\$10,000,000.00	\$2,500,000.00
1074	218	Seven Oaks Dam and Reservoir Construction Area	San Bernardino Valley Municipal Water District	\$31,322,346.00	\$23,491,760.00
1076	219	Santa Ana River Construction Area	San Bernardino Valley Municipal Water District	\$41,061,083.00	\$30,795,812.00
1197	220	NEW 12-INCH RECYCLED WATER MAIN TO THE REDHILL GOLF COURSE	CUCAMONGA VALLEY WATER DISTRICT	\$600,000.00	\$450,000.00
1256	221	Carbon Creek Channel (OCFCD Facility No. B01) from upstream Beach Boulevard to upstream Dale Street.	Orange County, Public Works, Flood Control Section, Flood Programs	\$7,000,000.00	\$1,750,000.00
1225	222	PROPOSED 8-INCH REDHILL PARK LATERAL	CUCAMONGA VALLEY WATER DISTRICT	\$336,000.00	\$252,000.00
1093	223	1N09 Reconstruction and Water Quality Improvement	USDA Forest Service - San Bernardino National Forest	\$430,000.00	\$215,000.00
960	224	Prado Basin Sediment Management Demonstration Project	Orange County Water District	\$4,250,000.00	\$1,062,500.00
1114	225	Construction Circle Recycled Water Conversion Project	Irvine Ranch Water District	\$1,000,000.00	\$790,000.00
1210	226	Newland Storm Channel (OCFCD Facility No. C05S01) from downstream McFadden Avenue to downstream Bolsa Avenue	Orange County, Public Works, Flood Control Section, Flood Programs	\$10,000,000.00	\$2,500,000.00
1255	227	Carbon Creek Channel (OCFCD Facility No. B01) from upstream Orange to upstream Beach Boulevard.	Orange County, Public Works, Flood Control Section, Flood Programs	\$7,500,000.00	\$1,875,000.00
979	228	Placentia Basin Enhancement Project	Orange County Water District	\$3,800,000.00	\$950,000.00
1252	229	Fullerton Creek Channel (OCFCD Facility No. A03) from downstream Beach Blvd. including undercrossing to downstream I-5 Freeway.	Orange County, Public Works, Flood Control Section, Flood Programs	\$8,400,000.00	\$2,100,000.00
1253	230	Fullerton Creek Channel (OCFCD Facility No. A03) from downstream I-5 Freeway to downstream Dale Street.	a. Orange County, Public Works, Flood Control Section, Flood Programs	\$8,400,000.00	\$2,100,000.00
1254	231	Carbon Creek Channel (OCFCD Facility No. B01) from downstream Western Avenue to upstream Orange (including both undercrossings).	Orange County, Public Works, Flood Control Section, Flood Programs	\$9,100,000.00	\$2,275,000.00
1008	232	Recharge Water Sediment Removal Demonstration Project	Orange County Water District	\$1,570,000.00	\$392,500.00
1198	233	Active Recharge Project in the Tributaries of the Santa Ana River	San Bernardino Valley Municipal Water District		
1159	234	University of California Irvine Water Use Efficiency Upgrades	Irvine Ranch Water District	\$115,000.00	\$34,000.00
1239	235	Perris Valley Recycled Water Distribution Pipeline Project	Eastern Municipal Water District	\$3,821,520.00	\$2,866,140.00
1014	236	Recharge Water Sediment Removal Project	Orange County Water District	\$26,000,000.00	\$6,500,000.00
1043	237	Platinum Triangle/ARTIC and Disneyland Resort Area Water Recycling Project	City of Anaheim	\$16,500,000.00	\$8,250,000.00
1297	238	Peters Canyon Channel (OCFCD Facility No. F06) from Barranca	Orange County, Public Works, Flood Control	\$16,800,000.00	\$4,200,000.00

Project Cost Summary

		Parkway to Warner Avenue.	Section, Flood Programs		
1001	239	Temescal Creek Wetlands	Orange County Water District	\$3,000,000.00	\$750,000.00
1196	240	Citywide Street Median Rehabilitation Project	City of Garden Grove	\$6,161,000.00	\$4,000,000.00
1099	241	Ball Road Regional Recycled Water Project	City of Anaheim	\$20,000,000.00	\$10,000,000.00
1299	242	Santa Ana-Santa Fe Channel (OCFCD Facility No. F10) from confluence with Peters Canyon Channel to downstream Redhill Avenue.	Orange County, Public Works, Flood Control Section, Flood Programs	\$21,000,000.00	\$5,250,000.00
1257	243	Carbon Creek Channel (OCFCD Facility No. B01) from upstream Gilbert Street to downstream I-5 Freeway including B01P01 & B01B02	Orange County, Public Works, Flood Control Section, Flood Programs	\$20,000,000.00	\$5,000,000.00
1294	244	Peters Canyon Channel (OCFCD Facility No. F06) from Confluence with San Juan Creek Channel (F05) to downstream Barranca parkway.	Orange County, Public Works, Flood Control Section, Flood Programs	\$9,800,000.00	\$2,450,000.00
1228	245	PROPOSED 12-INCH VILLAGE OF HERITAGE	CUCAMONGA VALLEY WATER DISTRICT	\$3,600,000.00	\$27,000,000.00
1079	246	Lytle Creek Construction Area	San Bernardino Valley Municipal Water District	\$13,500,000.00	\$10,125,000.00
1224	247	Commercial, Industrial & Institutional Water Use Efficiency Upgrades	Irvine Ranch Water District	\$3,880,000.00	\$1,000,000.00
1289	248	Reservoir Management System at 5 Domestic Water Reservoirs	Irvine Ranch Water District	\$2,500,000.00	\$1,250,000.00
980	249	Santiago Basins Intertie	Orange County Water District	\$2,800,000.00	\$700,000.00
1042	250	Shallow Aquifer Pumping for Non-potable Uses	City of Anaheim	\$3,720,000.00	\$1,600,000.00
1292	251	Tustin Legacy Wells 1, 2, 3, and 4	Irvine Ranch Water District		\$1,000,000.00
1081	252	Surface Water Treatment Plant(s)	San Bernardino Valley Municipal Water District	\$70,000,000.00	\$52,500,000.00
1131	253	Recharge Basin Rehabilitation	Orange County Water District	\$850,000.00	\$212,500.00
1053	254	Mentone Pipeline	San Bernardino Valley Municipal Water District	\$1,090,000.00	\$817,500.00
1101	255	Orange County/Beaumont Conjunctive Use Water Project	City of Anaheim	\$66,000,000.00	\$33,000,000.00
1175	256	Yockey/Newland Storm Drain Line B-5 Phase 2	City of Garden Grove	\$5,067,000.00	\$3,800,000.00
1276	257	Santa Ana Gardens Channel (OCFCD Facility No. F02) from downstream Alton to Segerstrom.	Orange County, Public Works, Flood Control Section, Flood Programs	\$11,200,000.00	\$2,800,000.00
1070	258	Redlands Reservoir	San Bernardino Valley Municipal Water District	\$1,800,000.00	\$1,350,000.00
1304	259	San Bernardino Clean Water Factory – Phase III	City of San Bernardino Municipal Water Department	\$6,981,169.00	\$3,490,585.00
967	260	MTBE Interim Remediation	Orange County Water District	\$15,000,000.00	\$3,750,000.00
1027	261	Lytle Creek Turnout	San Bernardino Valley Municipal Water District	\$2,300,000.00	\$172,500.00
1078	262	Devil Canyon Construction Area	San Bernardino Valley Municipal Water District	\$1,720,000.00	\$1,290,000.00
1031	263	Central Feeder Pipeline	San Bernardino Valley Municipal Water District	\$41,213,536.00	\$30,910,152.00
1084	264	Alamitos Barrier Improvement Project	Orange County Water District	\$20,000,000.00	\$5,000,000.00
1061	265	Yucaipa Lakes Pipeline Replacement	San Bernardino Valley Municipal Water District	\$760,000.00	\$570,000.00
1029	266	PVRWRF Biosolids Dryer Facility	Eastern Municipal Water District	\$13,000,000.00	\$7,800,000.00

## Project Cost Summary

1100	267	RP-1 Cogeneration Facility Expansion	Inland Empire Utilities Agency	\$8,300,000.00	\$6,225,000.00
1121	268	RP-2 Cogeneration Facility Expansion	Inland Empire Utilities Agency	\$4,000,000.00	\$3,000,000.00
1148	269	Digester Gas Cleaing System	Inland Empire Utilities Agency	\$4,479,000.00	\$3,359,250.00
1161	270	RP-2 Digester Gas System Modifications	Inland Empire Utilities Agency	\$2,997,000.00	\$2,247,750.00
1044	271	Urban Runoff Reuse - Anaheim Hills Golf Course	City of Anaheim	\$9,800,000.00	\$4,900,000.00
1034	272	San Bernardino Pump Station #1	San Bernardino Valley Municipal Water District	\$2,900,000.00	\$2,175,000.00
1060	273	Baseline Feeder Pump Station (East and/or West ALternative)	San Bernardino Valley Municipal Water District	\$3,100,000.00	\$2,325,000.00
941	274	Construction of a Reclaimed Water Pipeline to Buena Park, California	City of Buena Park	\$5,000,000.00	\$500,000.00
1069	275	San Bernardino Reservoir	San Bernardino Valley Municipal Water District	\$4,500,000.00	\$3,375,000.00
1033	276	Biodiesel Feedstock Production	Eastern Municipal Water District	\$13,000,000.00	\$13,000,000.00
1030	277	Glen Helen Turnout	San Bernardino Valley Municipal Water District	\$1,860,000.00	\$1,395,000.00
1035	278	San Bernardino Pump Station #2	San Bernardino Valley Municipal Water District	\$12,000,000.00	\$9,000,000.00
1051	279	9th Street Feeder	San Bernardino Valley Municipal Water District	\$24,100,000.00	\$18,075,000.00
1052	280	South End Feeder	San Bernardino Valley Municipal Water District	\$11,500,000.00	\$8,625,000.00
1059	281	Baseline Feeder West Extension	San Bernardino Valley Municipal Water District	\$30,300,000.00	\$22,725,000.00
1067	282	City Creek Crossing	San Bernardino Valley Municipal Water District	\$5,200,000.00	\$3,900,000.00
1077	283	Morton Canyon Hydroelectric Generation Plant	San Bernardino Valley Municipal Water District	\$38,000,000.00	\$28,500,000.00
1058	284	DWR Pump Station Alternative 2	San Bernardino Valley Municipal Water District	\$23,000,000.00	\$17,475,000.00
1071	285	North Lake Project	San Bernardino Valley Municipal Water District	\$133,000,000.00	\$99,750,000.00
1150	286	RP-1 Secondary System Modifications	Inland Empire Utilities Agency	\$30,200,000.00	\$22,650,000.00
1127	287	Agency Wide Lighting Improvements	Inland Empire Utilities Agency	\$1,670,000.00	\$1,252,500.00
1183	288	Septic System Source Water Elimination Water Source Protection Project	Rubidoux Community Services District	\$3,000,000.00	\$3,000,000.00
1139	289	Subsurface Recharge	Orange County Water District	\$1,000,000.00	\$250,000.00
1010	290	Water Well Decontamination - City of Redlands	City of Redlands	\$2,100,000.00	\$2,000,000.00
1063	291	Yucaipa Connector	San Bernardino Valley Municipal Water District	\$4,500,000.00	\$3,375,000.00
1064	292	Orange Street Connector Pipeline	San Bernardino Valley Municipal Water District	\$4,900,000.00	\$1,225,000.00
1066	293	Alabama Street Well Field	San Bernardino Valley Municipal Water District	\$4,500,000.00	\$3,375,000.00
996	294	Patterson Street Storm Drain Upgrade	City of Garden Grove	\$3,600,000.00	\$3,240,000.00
1062	295	Yucaipa Lakes Pump Station	San Bernardino Valley Municipal Water District	\$12,900,000.00	\$9,675,000.00
1065	296	Alabama Street Connector Pipeline	San Bernardino Valley	\$9,000,000.00	\$6,750,000.00

# Project Cost Summary

			Municipal Water District		
1068	297	<a href="#">Foothill Pipeline Enlargement</a>	San Bernardino Valley Municipal Water District	\$25,000,000.00	\$18,750,000.00



**AGENDA STAFF REPORT**

**Agenda Item**

**ASR Control 11-000610**

**MEETING DATE:** 04/19/11  
**LEGAL ENTITY TAKING ACTION:** Board of Supervisors  
**BOARD OF SUPERVISORS DISTRICT(S):** All Districts  
**SUBMITTING AGENCY/DEPARTMENT:** County Executive Office (Approved)  
**DEPARTMENT CONTACT PERSON(S):** Donna Grubaugh (714) 834-7218  
 Ana Cassinelli (714) 834-7053

**SUBJECT:** Grant Application Report

<b>CEO CONCUR</b> Concur	<b>COUNTY COUNSEL REVIEW</b> Approved Resolution to Form	<b>CLERK OF THE BOARD</b> Discuss 3 Votes Board Majority
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**Budgeted:** N/A                      **Current Year Cost:** N/A                      **Annual Cost:** N/A  
**Staffing Impact:** No                      **# of Positions:**                      **Sole Source:** N/A  
**Current Fiscal Year Revenue:** N/A  
**Funding Source:** N/A

**Prior Board Action:** 04/17/07

**RECOMMENDED ACTION(S):**

Approve grant applications and Adopt Resolutions as recommended.

1. Approve - District Attorney’s Office - Life & Annuity Consumer Protection Program (\$850,000)
2. Approve - OC Waste & Recycling- CalRecycle City/County Payment Program (\$31,000)
3. Ratify the Retroactive grant and Adopt Resolution - OC Public Works - Prop. 1E Stormwater Flood Management Grant Program: Round 1 Haster Retarding Basin and Haster Pump Station (\$15,000,000)
4. Approve- OC Community Resources- Routine Funding Applications for New and Recurring Grants (\$78,520,085)
5. Receive and File Grant Report

**SUMMARY:**

See the attached Grant Report.

**BACKGROUND INFORMATION:**

See the attached Grant Report.

**FINANCIAL IMPACT:**

N/A

**STAFFING IMPACT:**

N/A

**EXHIBIT(S):**

Draft Report on Grant Applications/Awards

Draft Integrated Regional Water Management Grant (Haster) Resolution



REGULAR MEETING OF THE BOARD OF SUPERVISORS  
ORANGE COUNTY, CALIFORNIA

*Tuesday, April 19, 2011*

BOARD HEARING ROOM, FIRST FLOOR  
333 W. Santa Ana Blvd., 10 Civic Center Plaza  
Santa Ana, California

**BILL CAMPBELL**  
CHAIRMAN  
Third District

**JOHN M. W. MOORLACH**  
VICE CHAIRMAN  
Second District

**JANET NGUYEN**  
SUPERVISOR  
First District

**SHAWN NELSON**  
SUPERVISOR  
Fourth District

**PATRICIA BATES**  
SUPERVISOR  
Fifth District

COUNTY EXECUTIVE OFFICER  
Thomas G. Mauk

COUNTY COUNSEL  
Nicholas S. Chrisos

CLERK OF THE BOARD  
Darlene J. Bloom

*The Orange County Board of Supervisors welcomes you to this meeting. This agenda contains a brief general description of each item to be considered. The Board of Supervisors encourages your participation. If you wish to speak on an item contained in the agenda, please complete a Speaker Form identifying the item(s) and deposit it in the Speaker Form Return box located on the side of the podium. If you wish to speak on a matter which does not appear on the agenda, you may do so during the Public Comment period at the close of the meeting. Except as otherwise provided by law, no action shall be taken on any item not appearing in the agenda. When addressing the Board, please state your name for the record. Please address the Board as a whole through the Chair. Comments to individual Supervisors or staff are not permitted. Speakers will be limited to three (3) minutes. Power Point and video presentations must be requested prior to start of meeting.*

**\*\*In compliance with the Americans with Disabilities Act, those requiring accommodation for this meeting should notify the Clerk of the Board's Office 72 hours prior to the meeting at (714) 834-2206\*\***

*All supporting documentation is available for public review in the office of the Clerk of the Board of Supervisors located in the Hall of Administration Building, 333 W. Santa Ana Blvd., 10 Civic Center Plaza, Room 465, Santa Ana, 92701 during regular business hours, 8:00 a.m. - 5:00 p.m., Monday through Friday. Agenda Items are also available online at:  
<http://www.ocgov.com/supervisors/agenda/supervisorsagenda.asp>*

**9:30 A.M.**

INVOCATION: Supervisor Nelson, Fourth District

PLEDGE OF ALLEGIANCE: Supervisor Nguyen, First District

**I N D E X**

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**I. PRESENTATIONS/INTRODUCTIONS**

Supervisor Moorlach will be presenting a resolution commending Restaurant Facility Management Association for selfless efforts in renovating Someone Cares Soup Kitchen

Chair Campbell - Employee Recognition: Sheriff-Coroner 2011 Medal of Valor Recipients

Supervisor Nguyen will present a resolution congratulating 2010 Garden Grove High School Football on their CIF-Southern Section, Southern Division Championship

**II. CONSENT CALENDAR (Items 1-22)**

*All matters are approved by one motion unless pulled by a Board Member for discussion or separate action. At this time, any member of the public may ask the Board to be heard on any item on the Consent Calendar.*

**BOARD APPOINTMENTS**

1. **Supervisor Moorlach** - [Sunset Beach LCP Advisory Committee - Reappoint Phyllis](#) Maywhort, Sunset Beach, for term ending 12/31/13 and Thomas Burke, Sunset Beach, for term ending 2/28/14
2. **Supervisor Nelson** - [Airport Commission - Appoint David Bailey, Fullerton, for term](#) concurrent with 4th District Supervisor's term of office

**COMMENDATIONS/PROCLAMATIONS/REPORTS**

3. **Supervisor Nguyen** - Adopt resolution congratulating 2010 Garden Grove High School Football on their CIF-Southern Section, Southern Division Championship

**ELECTED DEPARTMENT HEADS****Sheriff-Coroner:**

4. [Approve amendment 2 to agreement MA-060-10012237 with Pacific Maritime](#) Industries Corporation for mattress purchase and re-cover services, term ending 6/28/11 (\$55,000; new total \$240,000); renewable for one additional year, 6/29/11 - 6/28/12 (\$210,000) - All Districts
5. [Approve agreement PO-060-11012104 with Dell Marketing L.P. for purchase](#) of Dell computers and accessories (\$186,523) - All Districts

**HEALTH CARE AGENCY**

6. [Approve amendment 1 to agreement with Share Our Selves Free Clinic for Specialty](#) Dental services, 10/1/09 - 9/30/11 (\$50,000; new total \$150,000) - All Districts
7. [Authorize Purchasing Agent or authorized deputy to execute purchase order PO-042-11012829](#) with Pacific Bell Telephone Company, dba AT&T Datacomm for purchase of network core switch and maintenance (\$364,028) - All Districts
8. [Authorize Purchasing Agent or deputy to execute master agreement MA-042-11011483](#) with The Regents of the University of California Irvine, a Constitutional Corporation, on behalf of UCI Pathology Services for urinalysis laboratory testing services, 6/1/11 - 5/31/12 (\$175,000); renewable annually for four years - All Districts
9. [Approve amendment 1 to agreement with City of Los Angeles for FY 2007/2008 Federal](#)

Emergency Management Agency Regional Catastrophic Preparedness Grant Program, 9/1/08 - 7/29/11 (\$180,000); approve master agreement with various providers for Point of Dispensing Site Planning (\$70,000) and Exercise services (\$28,000), 7/1/11 - 6/30/12 and First Responder Priority Prophylaxis Storage and Dispensing, 7/1/11 - 6/30/16; and authorize Director or designee to execute individual agreements - All Districts

#### OC COMMUNITY RESOURCES

10. [Select and approve agreement MA-012-11011419 with HAPPY Software, Inc., for purchase of Public Housing Authority Enterprise Application Software upgrades and customization, 4/19/11 - 8/31/12 \(\\$138,982\); renewable for two one-year periods \(\\$46,356 per year\); and authorize Purchasing Agent or designee to execute agreement - All Districts](#)
11. [Approve agreement OCP11-001 with Jeff Oviedo and Associates for on-call project management/contract administration services for a term of three years commencing on date of execution \(\\$400,000\) - All Districts](#)
12. [Approve Memorandum of Implementation agreement for enrollment of Caspers Regional Park, O'Neill Regional Park and Thomas Riley Wilderness Park in the Habitat Reserve of Habitat Conservation Plan for Southern Subregion of Orange County; authorize Director or designee to execute and record future memoranda under same conditions; and make California Environmental Quality Act findings - District 5](#)
13. [Accept grant deed from Coto de Caza Ltd. for two properties, 0.7 acre parcel and 68 acres parcel, as part of Caspers Wilderness Park corridor, unincorporated area south Orange County; and make California Environmental Quality Act findings - District 5](#)
14. [Approve agreement MA-012-11011723 with Environmental Systems Research Institute, Inc. for geodatabase consultant services for OC Parks, 4/5/11 - 12/31/11 \(\\$75,479\); and authorize Purchasing Agent or designee to execute agreement - All Districts \(Continued from 4/5/11, Item 13\)](#)

#### OC PUBLIC WORKS

15. [Approve plans and specifications and set bid opening for 5/18/11, 2:00 p.m., for maintenance of bridges: Phase 1, Santiago Canyon project; and make California Environmental Quality Act findings - Districts 3 & 5](#)
16. [Adopt resolution vacating emergency access easement for Parcel Map 2001-101, Lemon Heights area; and make California Environmental Quality Act and other findings - District 3](#)
17. [Approve plans and specifications and set bid opening for 5/18/11, 2:00 p.m., for replacement of Orange Park Boulevard Bridge project, Handy Creek; and make California Environmental Quality Act findings - District 3](#)
18. [Approve agreement D11-010 with Costa Mesa Sanitary District for access and use of OC Landbase Mapping System, 5 year term \(\\$2,658 per year\); and make California Environmental Quality Act findings - All Districts](#)
19. **Acting as the Orange County Flood Control District -** [Approve plans and specifications and set bid opening for 5/25/11, 2:00 p.m., for Lewis Storm Channel Improvement project - District 1](#)

#### OC WASTE & RECYCLING

20. [Approve agreement CT-299-11010639 with Paradigm Software, LLC for Landfill Fee Collection Accounting System, effective 4/19/11 \(\\$233,600\); and authorize Purchasing Agent or designee to execute agreement - Districts 1, 3 & 5](#)

SOCIAL SERVICES AGENCY

21. [Approve master agreement CLB0411-00 with qualified foster parents for emergency](#) shelter home services, 7/1/11 - 6/30/14 ; and authorize Director or designee to execute individual agreements - All Districts

GENERAL ADMINISTRATION

22. **Internal Audit** - [Receive and file Internal Audit Department Monthly Status Report for](#) March 2011 - All Districts

END OF CONSENT CALENDARIII. DISCUSSION ITEMS (Items 23-40)

*At this time, members of the public may ask the Board to be heard on the following items as those items are called.*

ELECTED DEPARTMENT HEADS

23. **Assessor Department** - [Approve amendment 2 to agreement MA-002-11011618 with](#) DocuSource, LLC., for OnBase document storage and retrieval system maintenance, 4/27/11 - 4/26/12 (\$86,134.30) - All Districts (Continued from 4/5/11, Item 27)
24. **Treasurer-Tax Collector** - [Treasury Oversight Committee - Approve amended Bylaws](#) and Rules of Procedures; reappoint George W. Jeffries, Tustin, for term ending 3/17/14; and appoint William "Andy" Dunn, Costa Mesa, to complete term ending 3/13/12 - All Districts

HEALTH CARE AGENCY

25. [Approve amendment 1 to master agreement with various providers \(\\$56,797; new total \\$686,700\)](#) 7/1/10 - 6/30/11 and master agreement with various providers (\$709,000 per year) 7/1/11 - 6/30/13 for Wraparound Mental Health Outpatient services; authorize Director or designee to execute agreement and amendments and exercise cost contingency increase not to exceed 10% under certain conditions - All Districts
26. [Approve master agreement with various providers for Adult Mental Health Skilled](#) Nursing with Special Treatment Program services, 7/1/11 - 6/30/12 (\$9,573,717); and authorize Director or designee to execute individual agreements - All Districts
27. [Approve master agreement with various hospitals for Adult Mental Health Inpatient](#) services, 7/1/11 - 6/30/13 (\$4,273,420 per year); and authorize Director or designee to execute individual agreements - All Districts

OC PUBLIC WORKS

28. [Approve agreement CT-080-11010700 with Harris and Associates, Inc. for construction](#) of Antonio Parkway Widening project, 4/19/11 - 4/18/14 (\$2.6 Million); and approve agreement D-11-005 with DMB Ladera, LLC for specialized consultant services, term ending 4/19/14 (\$400,000); authorize Purchasing Agent or designee to execute agreements; and make California Environmental Quality Act and National Environmental Protection Act findings - District 5

PUBLIC PROTECTION**Probation:**

29. [Approve amendment 1 to subordinate agreement, 8/21/09 - 8/20/11 \(\\$149,460;](#) new total \$1,398,468) and renewal of subordinate agreement, 8/21/11 5/31/12 (\$380,465) MA-057-CVPAN2000009135 with 3Di Inc. for information technology professional support services; and make California Environmental Quality Act findings - All Districts
30. [Set Public Hearing for 5/3/11, 9:30 a.m. to consider adoption of resolution](#) approving application and administrative fees for provision of continuous electronic monitoring services; and make California Environmental Quality Act and other findings - All Districts

#### SOCIAL SERVICES AGENCY

31. [Approve agreement CDB0611 with Medtox Laboratories, Inc. for drug testing services,](#) 7/1/11 - 6/30/14 (\$1,849,563); and authorize Director or designee to exercise cost contingency increase not to exceed 10% under certain conditions - All Districts
32. [Approve agreement CMJ2011 with Olive Crest for Kinship Support Services Program,](#) 7/1/11 - 6/30/14 (\$143,000); and authorize Director or designee to extend agreement up to twelve additional months and to exercise cost contingency increase not to exceed 10% under certain conditions - All Districts

#### GENERAL ADMINISTRATION

33. **County Council -** [Consider first reading of "An Ordinance of the County of Orange,](#) California Amending Sections 4-11-1 and 4-11-2 Subsections (a), (f) and (g) and Adding Subsection (h) to the Codified Ordinances of the County of Orange Regarding the Orange County Health Authority"; and set second reading and adoption for 5/3/11, 9:30 a.m. - All Districts

#### **County Executive Office:**

34. [Receive and file response to 11/9/10 Board Directive regarding Office of](#) Performance Audit Director Report on Harbor Patrol - All Districts (Continued from 2/8/11, Item 39; 4/5/11, Item 39)
35. [Approve recommended positions on introduced or amended legislation and](#) consider other legislative subject matters - All Districts (Continued RA 1 & 5 from 4/5/11, Item 42)
36. [Approve recommended grant applications submitted by District Attorney, OC Waste & Recycling, OC Public Works and OC Community Resources in 4/19/11 grant report and other actions as recommended; adopt resolution authorizing OC Public Works Director or designee to submit and execute application to Department of Water Resources for construction of Haster pump station and basin improvements - All Districts](#)
37. [Consider first reading of "An Ordinance of the County of Orange, California](#) Amending Sections 1-1-80 (b) (3) and (h) (8) of the Codified Ordinances of the County of Orange Pertaining to Lobbyist Registration and Reporting"; and set second reading and adoption for 5/3/11, 9:30 a.m. - All Districts (Continued first reading from 4/5/11, Item 46)
38. [Approve amendment 1 to agreement MA-017-11011672 with Colantuono & Levin,](#) PC for professional legal services; and authorize County Executive Officer or designee to execute amendment (\$15,000; new total \$55,000) - All Districts (Continued from 4/5/11, Item 26)
39. **Human Resources Department -** [Approve amendment 1 to agreement N10000010242](#) with Mercer Investment Consulting, Inc. for investment consultant services for County's Defined Contribution Programs and Extra Help Employee Defined Benefit Plan (\$95,000; new total \$590,000); and authorize Director or designee to execute amendment - All Districts

40. **Office of the Performance Audit Director - [Receive and file Follow-up Review of the](#) Overtime Audit of Sheriff-Coroner Department report - All Districts**

#### **IV. PUBLIC HEARINGS (None Scheduled)**

#### **V. CLOSED SESSION (Items CS-1-CS-9)**

*The Board will break for lunch at approximately 12:00 PM and may consider closed session matters during that break. The Board will then resume to handle any remaining business if necessary.*

#### **GENERAL ADMINISTRATION**

##### **County Counsel:**

- CS-1. CONFERENCE WITH LEGAL COUNSEL - THREATENED LITIGATION - Pursuant to Government Code Section 54956.9(b):  
Number of Cases: One Case
- CS-2. CONFERENCE WITH LEGAL COUNSEL - INITIATION OF LITIGATION - Pursuant to Government Code Section 54956.9(c):  
Number of Cases: Two Cases
- CS-3. CONFERENCE WITH LEGAL COUNSEL - EXISTING LITIGATION - Pursuant to Government Code Section 54956.9(a):  
Name of Case: Carol Blair v. County of Orange, WCAB Case Nos. ADJ1152558, ADJ1243324
- CS-4. CONFERENCE WITH LEGAL COUNSEL - EXISTING LITIGATION - Pursuant to Government Code Section 54956.9(a):  
Name of Case: Loren A. Reeves, et al v. County of Orange, Orange County Superior Court Case No. 30-2008 00112888
- CS-5. CONFERENCE WITH LEGAL COUNSEL - EXISTING LITIGATION - Pursuant to Government Code Section 54956.9(a):  
Name of Case: Diane Taylor v. County of Orange, Orange County Superior Court Case No. 30-2010 00358583
- CS-6. CONFERENCE WITH LEGAL COUNSEL - EXISTING LITIGATION - Pursuant to Government Code Section 54956.9(a):  
Name of Case: Jose de Jesus Gomez, etc., et al. v. County of Orange, et al., United States District Court Case No. SACV10-2146 SVW (RNBx)

##### **Human Resources Department:**

- CS-7. CONFERENCE WITH LABOR NEGOTIATOR - Pursuant to Government Code Section 54957.6:  
Agency Negotiator: Thomas G. Mauk  
Employee Organization: Orange County Managers Association (OCMA)  
RE: Terms and Conditions of Employment
- CS-8. PUBLIC EMPLOYEE PERFORMANCE EVALUATION - Pursuant to Government Code Section 54957:  
Title: Director of Internal Audit
- CS-9. PUBLIC EMPLOYEE PERFORMANCE EVALUATION - Pursuant to Government Code

Section 54957:  
Title: County Executive Officer

## **VI. PUBLIC, CEO, BOARD & EMAIL COMMENTS & ADJOURNMENT**

### **PUBLIC COMMENTS:**

*At this time, members of the public may address the Board of Supervisors regarding any off-agenda items within the subject matter jurisdiction of the Board of Supervisors provided that NO action may be taken on off-agenda items unless authorized by law. Comments shall be limited to three minutes per person and twenty minutes for all comments, unless different time limits are set by the Chairman subject to the approval of the Board.*

### **COUNTY EXECUTIVE OFFICER COMMENTS:**

### **BOARD COMMENTS, COMMITTEE, COMMISSION AND TRAVEL REPORTS:**

*At this time, members of the Board of Supervisors may comment on agenda or non-agenda matters and ask questions of or give directions to staff, provide travel or member committee, commission reports; provided that NO action may be taken on off-agenda items unless authorized by law.*

### **ADJOURNED:**

### **NEXT MEETINGS:**

<b>April 26, 2011</b>	<b>No Meeting Scheduled</b>
<b>May 3, 2011</b>	<b>Regular Meeting</b>
<b>May 10, 2011</b>	<b>Regular Meeting</b>