

400 - FLOOD CONTROL DISTRICT

Operational Summary

Description:

The Flood Fund 400 provides Countywide flood protection for the operation and maintenance of the Orange County Flood Control District's 350 miles of flood control channels, dams, retarding basins, six pump stations, and other flood control infrastructure. RDMD designs and constructs approximately \$10 million of new flood control improvements each year. In addition, flood control improvements required of new development are inspected and accepted

into the flood control system for maintenance. Rainfall and stormwater flows throughout the County are monitored twenty-four hours a day for potential storm damage to OCFCD and County operated facilities. This enables a quick response in the event of danger to lives and property in Orange County.

At a Glance:

Total FY 2006-2007 Actual Expenditure + Encumbrance:	79,740,886
Total Final FY 2007-2008	118,272,892
Percent of County General Fund:	N/A
Total Employees:	255.00

Strategic Goals:

- Continue efforts to raise the level of protection in Orange County to the 100-year level. It is currently estimated that a 90 year period and \$1.8 billion of capital project expenditures are required for completion of all Flood Control improvements.
- Continue to work with the US Army Corps of Engineers on the Westminster and San Juan Creek Watersheds to determine Federal interest in funding up to 65 percent of construction costs. Absent this assistance, it would take over 25 years to provide necessary protection to those watersheds.
- Ensure the availability of a minimum of \$26 million in Flood Fund 400 emergency reserves.
- Diligently work with other counties and flood management entities to lobby State and Federal governments to either maintain the current 100-year level of protection requirement or establish a risk-based approach. Even increasing the level of protection to a 200-year level could place over 18 cities in a newly defined floodplain which requires costly flood insurance from residents. Included are cities which were recently removed from floodplains resulting from construction of the Santa Ana River project.
- Continue to work with the California State Association of Counties (CSAC) and the Department of Water Resources (DWR) to lobby for equitable distribution of flood control funding resulting from Propositions 1E and 84; and continue to directly seek subvention program reimbursements to complete the Santa Ana River Mainstem Project including the SARI Line relocation/protection.
- Coordinate with FEMA during their National (floodplain) Map Modernization efforts to ensure proper delineation of levees and floodplains in Orange County. At issue is the delineation of areas behind levees that cannot be certified (structurally and hydraulically) within 2 years.
- Continue to explore means for funding the Watershed Program from other than the Flood control fund.

- Ensure full cost-recovery as a result of the sale of the Katella Yard Complex and the acquisition of replacement properties. County service entities impacted by the relocation should absorb all costs associated with their relocation and subsequent operation. Failure to achieve full cost-recovery will seriously impede the construction of urgently needed flood control improvements.
- Continue to develop state of the art flood control expertise, despite the continuing loss of such expertise due to the current non-competitive compensation package.

Key Outcome Indicators:

Performance Measure	2006 Business Plan	2007 Business Plan	How are we doing?
	Results	Target	
<p>PERCENT OF CHANNEL MILES CONSTRUCTED FOR 100 YEAR FLOOD. What: Percentage of OCFCD channel miles constructed to convey 100-Year flood. Why: Indicates degree of protection and the remaining threat of flood damage.</p>	44.0% of the channel miles are anticipated to be completed by the end of FY 2006-2007 to convey a 100 year flood.	It is anticipated that by the end of FY 2007-2008, 44.5% of the channel miles will have been constructed to convey a 100 year flood.	Currently 44.0% of flood control channels are capable of providing 100 year level of flood protection.
<p>FLOOD INSURANCE REQUIREMENT IN ORANGE COUNTY. What: Number of flood insurance policies required in Orange County. Why: Indicates flood insurance in unprotected areas that the OCFCD/RDMD will reduce through improvements.</p>	27,063 insurance policies are anticipated to be required in Orange County by the end of FY 2006-07.	It is anticipated that 26,480 insurance policies will be required in Orange County by the end of FY 2007-2008. A drop of 583 policies from the previous year.	The number of mandatory flood insurance policies, currently at 27,063 in Orange County is anticipated to be reduced to 26,480 as flood control improvements currently in the FY 06-07 budget are implemented.
<p>FLOOD INSURANCE PREMIUM PAID BY ORANGE COUNTY RESIDENTS AND BUSINESSES. What: Total premiums paid for flood insurance in Orange County. Why: Indicates the cost of flood insurance that the department will seek to reduce through improvements.</p>	Orange County residents paid \$17,376,365 for mandatory flood insurance premiums in 2006.	It is anticipated that Orange County residents will pay \$17,359,477 for mandatory flood insurance premiums in 2007.	The number of flood insurance policies is expected to decrease as improvements in FY 2006-2007 are completed.
<p>REPORT CARD GRADE. What: Flood Control Infrastructure Report Card Grade. Why: Shows the quality of construction & maintenance as reported by American Society of Civil Engineers.</p>	Grade "C-"	Grade issued every 5 years; target is Grade "C-"	The ratings by ASCE will be accomplished independently. It is anticipated that Flood Control District will earn a grade of "C-" by the end of FY 06-07.

FY 2006-07 Key Project Accomplishments:

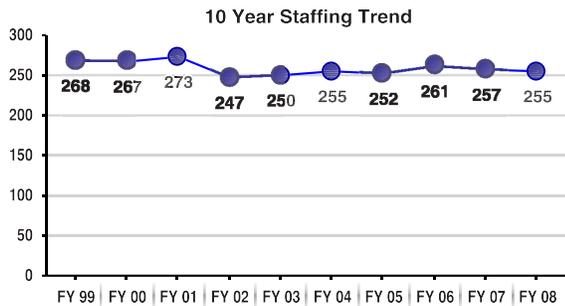
- Orange County Flood Control District (OCFCD) encumbered and expended \$79.7 million (excluding increase to reserves) in flood control funds this fiscal year. The following are the major accomplishments:
- Start of construction on the Peters Canyon Channel Trail Under-crossings (\$7 million).
- Completion of San Diego Creek Vegetation Removal (\$1 million).
- Completion of design and award of construction on the Los Alamitos Pump Station & Retarding Basin (\$22 million).
- Completion of design and award of construction on the Fullerton Creek Channel (\$8 million).
- Recruited 11 staff members (20% of the division staff) in the Flood Control Division. Most of the new recruits are newly graduated Civil Engineers (Junior and Assistant Civil Engineering levels). However there remain 10 positions that are vacant (19% of the division).



Flood Control District - Designs, builds and maintains flood control channels and other flood management facilities. Reduce the need for Orange County residents to pay costly flood insurance by improving the flood control system. Monitors potentially severe storm events and responds to emergencies. Complies with National Clean Water Act standards and related regulations for creeks, rivers and stormwater. Acquires land and easements needed to construct flood control projects.

positions. Two of the positions deleted are from the Flood Fund which will reduce the total position count in the Flood Fund from 257 to 255.

Ten Year Staffing Trend:



Ten Year Staffing Trend Highlights:

- RDMD Survey staff assigned to John Wayne Airport (JWA) for survey work are being replaced with JWA staff. JWA has requested 4 positions to replace the RDMD staff that provides these services. As a result of this change RDMD has been asked to delete 4 survey

Budget Summary

Changes Included in the Base Budget:

Katella Yard operations facility was owned by the Flood Control District. It was recently sold to the City of Anaheim. With the sale finalized, the Flood Fund is charged with fronting the monies to have the operations facility moved to the new locations. Flood Fund has budgeted \$10 million in the FY 07-08 budget to begin relocation process.

Since the State has been slow in budgeting for subvention reimbursements to the Flood ACO Fund (Santa Ana Mainstem - Prado Dam Project) Flood Fund has budgeted an Operating Transfer of \$20 million to the Flood ACO Fund for FY 07-08 to help with the purchase of properties in the Prado Dam project area.

Green River Golf Course was purchased in 2006 to allow for upcoming construction within the Santa Ana River. For FY 07-08 the operation of the golf course has been budgeted in the Flood Fund (Fund 400) at \$4 million in revenue and the same amount in expenses.

Approved Budget Augmentations and Related Performance Results:

Unit Amount	Description	Performance Plan	BRASS Ser.
Decrease Funding to Watershed Agency 034 Amount:\$ 0	Reduce Flood contribution to Watershed and Coastal Resources (Agency 034).	Use funds for critical flood projects to comply with 100 year flood requirements.	2500



Final Budget History:

Sources and Uses	FY 2005-2006	FY 2006-2007	FY 2006-2007	FY 2007-2008	Change from FY 2006-2007	
	Actual Exp/Rev	Budget As of 6/30/07	Actual Exp/Rev ⁽¹⁾ As of 6/30/07	Final Budget	Actual Amount	Percent
Total Positions	257	257	257	255	(2)	-0.78
Total Revenues	100,050,864	119,050,835	154,813,845	118,272,892	(36,540,953)	-23.60
Total Requirements	50,993,736	125,050,835	98,351,076	118,272,892	19,921,816	20.26
Balance	49,057,128	(6,000,000)	56,462,769	0	(56,462,769)	-100.00

(1) Amounts include prior year expenditure and exclude current year encumbrance. Therefore, the totals listed above may not match Total FY 2006-07 Actual Expenditure + Encumbrance included in the "At a Glance" section.

Detailed budget by expense category and by activity is presented for agency: Flood Control District in the Appendix on page A240

Highlights of Key Trends:

- The Watershed Program has been under funded since its inception and the Flood Fund has covered the multi million dollar shortfall (since 2001 including FY 06-07 amount budgeted). As a result, RDMD requested a Net County Cost Augmentation to cover the shortfall. Partial augmentation was approved by the CEO with the remaining multi-million dollar shortfall still to be covered by the Flood Fund. Unless new revenue sources are developed for the Watershed Program, the support from the Flood Fund is expected to continue in future years.
- These diversions result in the Flood Fund not being able to use this funding for its much needed Capital Improvement Program and to maintain its reserves at a minimum level for emergencies. At the present rate; it is anticipated that starting in approximately 2010, the Flood Fund will need to start curtailing its Capital Improvement Program in order to be able to maintain such emergency reserves.
- Flood Control Division has experienced significant challenges in the recruitment of experienced engineers. This has been exacerbated by a number of key staff leaving for better compensation provided by the public and private sector within the Southern California area.



400 - Flood Control District

Summary of Final Budget by Revenue and Expense Category:

Revenues/Appropriations	FY 2006-2007		FY 2006-2007		Change from FY 2006-2007	
	FY 2005-2006	Budget	Actual Exp/Rev ⁽¹⁾	FY 2007-2008	Actual	
	Actual Exp/Rev	As of 6/30/07	As of 6/30/07	Final Budget	Amount	Percent
Taxes	\$ 53,540,348	\$ 52,157,652	\$ 62,599,008	\$ 54,670,897	\$ (7,928,111)	-12.66%
Licenses, Permits & Franchises	97,563	169,966	740,630	329,900	(410,730)	-55.46
Fines, Forfeitures & Penalties	17,321	7,000	29,656	14,472	(15,184)	-51.20
Revenue from Use of Money and Property	5,846,910	4,038,472	9,953,304	7,563,472	(2,389,832)	-24.01
Intergovernmental Revenues	6,071,124	4,676,127	9,757,628	7,686,823	(2,070,805)	-21.22
Charges For Services	10,190,887	7,440,650	10,290,873	15,322,110	5,031,237	48.89
Miscellaneous Revenues	684,033	348,690	508,099	348,690	(159,409)	-31.37
Other Financing Sources	28,940	1,155,150	18,097,765	255,150	(17,842,615)	-98.59
Total FBA	33,144,418	49,057,128	49,057,128	24,111,406	(24,945,722)	-50.85
Reserves	4,368,593	0	120,598	7,969,972	7,849,374	6,508.70
Reserve For Encumbrances	(13,939,273)	0	(6,340,843)	0	6,340,843	-100.00
Total Revenues	100,050,864	119,050,835	154,813,845	118,272,892	(36,540,953)	-23.60
Salaries & Benefits	19,387,554	22,352,288	18,975,292	22,642,082	3,666,790	19.32
Services & Supplies	23,056,192	28,006,991	22,673,001	42,861,677	20,188,676	89.04
Other Charges	11,301	450,000	17,114	450,000	432,886	2,529.39
Fixed Assets	7,792,510	41,161,909	30,902,377	30,959,100	56,723	0.18
Other Financing Uses	637,999	1,320,420	24,065	21,360,033	21,335,968	88,661.44
Reserves	108,180	31,759,227	25,759,227	0	(25,759,227)	-100.00
Total Requirements	50,993,736	125,050,835	98,351,076	118,272,892	19,921,816	20.26
Balance	\$ 49,057,128	\$ (6,000,000)	\$ 56,462,769	\$ 0	\$ (56,462,769)	-100.00%

(1) Amounts include prior year expenditure and exclude current year encumbrance. Therefore, the totals listed above may not match Total FY 2006-07 Actual Expenditure + Encumbrance included in the "At a Glance" section.