

## 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 Projected Expend + Encumb:	113,519,041
Total Recommended FY 2007-2008	119,022,892
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 \$1.5 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.
- 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.

- Transfer \$20 million from the 400 Flood Control Fund to the 404 Santa Ana River Fund. This amount is needed to purchase properties critical for the completion of the project.
- 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.
- Continue to exert leadership with the City Engineers Flood Control Advisory Committee to develop priorities for flood control capital projects.

**Key Outcome Indicators:**

Performance Measure	2006 Business Plan	2007 Business Plan	How are we doing?
	Results	Target	
<b>PERCENT OF CHANNEL MILES CONSTRUCTED FOR 100 YEAR FLOOD.</b> <b>What:</b> Percentage of OCFCD channel miles constructed to convey 100-Year flood. <b>Why:</b> Indicates degree of protection and the remaining threat of flood damage.	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 43.1% of flood control channels are capable of providing 100 year level of flood protection.
<b>FLOOD INSURANCE REQUIREMENT IN ORANGE COUNTY.</b> <b>What:</b> Number of flood insurance policies required in Orange County. <b>Why:</b> Indicates flood insurance in unprotected areas that the OCFCD/RDMD will reduce through improvements.	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.
<b>FLOOD INSURANCE PREMIUM PAID BY ORANGE COUNTY RESIDENTS AND BUSINESSES.</b> <b>What:</b> Total premiums paid for flood insurance in Orange County. <b>Why:</b> Indicates the cost of flood insurance that the department will seek to reduce through improvements.	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.
<b>REPORT CARD GRADE.</b> <b>What:</b> Flood Control Infrastructure Report Card Grade. <b>Why:</b> Shows the quality of construction & maintenance as reported by American Society of Civil Engineers.	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.

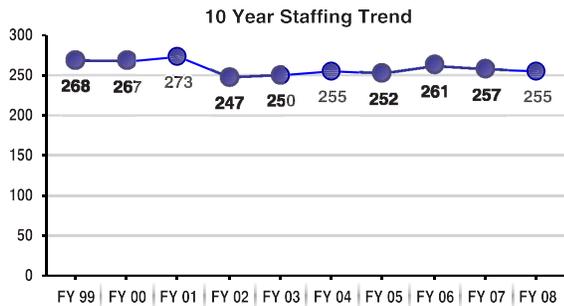
**FY 2006-07 Key Project Accomplishments:**

- Orange County Flood Control District (OCFCD) anticipates encumbering and spending approximately \$82 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 (anticipated) award of construction on the Los Alamitos Pump Station & Retarding Basin (\$20 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).



**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.

**Ten Year Staffing Trend:**



**Ten Year Staffing Trend Highlights:**

- 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 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.

**Budget Summary**

**Changes Included in the Recommended 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 funds to have the operations facility moved to the new locations. Flood Fund has budgeted \$10 million in the FY 07-08 budget for this move.

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 earlier this year to allow for upcoming construction within the Santa Ana River. Since it is an operating facility, the operation needs to be moved into the Flood Fund. 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.

**Requested 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



### Proposed Budget History:

Sources and Uses	FY 2005-2006	FY 2006-2007	FY 2006-2007	FY 2007-2008	Change from FY 2006-2007	
	Actual	Budget As of 3/31/07	Projected <sup>(1)</sup> At 6/30/07	Recommended	Projected Amount	Percent
Total Positions	257	257	257	255	(2)	-0.78
Total Revenues	100,050,864	118,950,835	166,507,211	119,022,892	(47,484,319)	-28.52
Total Requirements	50,993,736	118,950,835	142,395,805	119,022,892	(23,372,913)	-16.41
Balance	49,057,128	0	24,111,406	0	(24,111,406)	-100.00

(1) Requirements include prior year encumbrance and expenditures. Therefore, the above totals may not match FY 2006-07 projected requirements included in "At a Glance" (Which exclude these).

Columns may not total correctly due to rounding.

Detailed budget by expense category and by activity is presented for agency: Flood Control District in the Appendix on page A728

### 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 each year (\$21 million 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.

- If diversions such as these continue to occur, this will 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. 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.



## 400 - Flood Control District

### Summary of Proposed Budget by Revenue and Expense Category:

Revenues/Appropriations	FY 2005-2006		FY 2006-2007		FY 2006-2007		FY 2007-2008		Change from FY 2006-2007	
	Actual	Budget	As of 3/31/07	Projected <sup>(1)</sup>	At 6/30/07	Recommended	Projected	Amount	Percent	
Taxes	\$ 53,540,348	\$ 52,157,652	\$ 52,067,521	\$ 54,670,897	\$ 2,603,376	5.00%				
Licenses, Permits & Franchises	97,563	169,966	324,600	329,900	5,300	1.63				
Fines, Forfeitures & Penalties	17,321	7,000	8,259	14,472	6,213	75.23				
Revenue from Use of Money and Property	5,846,910	4,038,472	6,863,472	7,563,472	700,000	10.20				
Intergovernmental Revenues	6,071,124	4,676,127	3,928,380	7,686,823	3,758,443	95.67				
Charges For Services	10,190,887	7,440,650	7,334,250	15,322,110	7,987,860	108.91				
Miscellaneous Revenues	684,033	348,690	556,550	348,690	(207,860)	-37.35				
Other Financing Sources	28,940	1,055,150	17,225,000	255,150	(16,969,850)	-98.52				
<b>Total FBA</b>	<b>33,144,418</b>	<b>49,057,128</b>	<b>49,057,128</b>	<b>24,111,406</b>	<b>(24,945,722)</b>	<b>-50.85</b>				
Reserves	4,368,593	0	0	8,719,972	8,719,972	0.00				
Reserve For Encumbrances	(13,939,273)	0	29,142,052	0	(29,142,052)	-100.00				
<b>Total Revenues</b>	<b>100,050,864</b>	<b>118,950,835</b>	<b>166,507,211</b>	<b>119,022,892</b>	<b>(47,484,319)</b>	<b>-28.52</b>				
Salaries & Benefits	19,387,554	22,352,288	22,352,288	22,642,082	289,794	1.30				
Services & Supplies	23,056,192	27,906,991	25,295,352	42,861,677	17,566,325	69.44				
Other Charges	11,301	450,000	150,000	450,000	300,000	200.00				
Fixed Assets	7,792,510	35,161,909	61,518,518	30,959,100	(30,559,418)	-49.68				
Other Financing Uses	637,999	1,320,420	1,320,420	22,110,033	20,789,613	1,574.47				
Reserves	108,180	31,759,227	31,759,227	0	(31,759,227)	-100.00				
<b>Total Requirements</b>	<b>50,993,736</b>	<b>118,950,835</b>	<b>142,395,805</b>	<b>119,022,892</b>	<b>(23,372,913)</b>	<b>-16.41</b>				
<b>Balance</b>	<b>\$ 49,057,128</b>	<b>\$ 0</b>	<b>\$ 24,111,406</b>	<b>\$ 0</b>	<b>\$ (24,111,406)</b>	<b>-100.00%</b>				

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