

## 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 resulting from OCFCDD and County operated facilities. This enables a quick response in the event of danger to public and private property and infrastructure.

#### At a Glance:

Total FY 2005-2006 Projected Expend + Encumb:	73,041,756
Total Recommended FY 2006-2007	100,011,070
Percent of County General Fund:	N/A
Total Employees:	257.00

#### Strategic Goals:

- Provide regional flood protection for Orange County and reduce the extent of floodplains within Orange County.
- Incorporate water quality and habitat enhancements into flood control infrastructure. Perform flood control maintenance and construct new flood control improvements within a changing and imposing regulatory environment.
- Participate in watershed studies to identify other flood control protection requirements throughout the County. Provide leadership with the City Engineer Flood Control Advisory Committee to develop priorities for flood control capital projects.
- Continue to develop state-of-the-art staff expertise in flood control technical issues. Participate in the development of a Special Area Management Plan in San Diego Creek and San Juan Creek watersheds.
- Perform training for emergency operations during floods and other disasters. Review subdivision development plans to maintain safety and minimize long-term maintenance costs.
- Obtain funds for capital projects from other sources such as the Hazard Mitigation Grant Program administered by the Federal Emergency Management Agency. Funding the Water Quality Program continues to drain critical flood control funds. OCFCDD has spent over \$16 million over the last 3 fiscal years for watershed and water quality purposes. OCFCDD will continue to assist Watershed and Coastal Resources in developing alternate funding sources for water quality expenditures.
- Continue to work with the US Army Corps of Engineers on the East Garden Grove-Wintersburg Channel, Westminster Channel, 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.
- OCFCDD funding is limited in part because the Flood Fund must also divert approximately \$8 million of property tax revenue, as a result of the County's bankruptcy settlement, which will sunset in FY 2015-16. Such diversions of funds limits the amount that can be allocated each year to new flood control improvement projects after funding the required operations and maintenance of OCFCDD.



- It is anticipated that starting in approximately 2010, OCFCD will need to start curtailing its Capital Improvement Program in order to be able to maintain adequate emergency reserves. However, OCFCD will continue to research available federal and state funding for its capital improvements program. Ensure the availability of a minimum of \$26 million in Flood Fund 400 emergency reserves, by adjusting capital projects and other watershed priorities.
- Ensure full cost-recovery as a result of the sale of the Katella Yard Complex and the acquisition of replacement properties. In the event that purchased properties are intended to include other County service-facilities, those entities should absorb all costs associated with their relocation and subsequent operation. Failure to achieve full cost-recovery in a timely manner will seriously impede the construction of urgently needed flood control improvements.

**Key Outcome Indicators:**

Performance Measure	2005 Business Plan	2006 Business Plan	How are we doing?
	Results	Target	
<p><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.</p>	43.3% of the channel miles are anticipated to be completed by the end of FY 2005-06 to convey a 100 year flood.	It is anticipated that by the end of FY 2006-07, 43.6% of the channel miles will have been constructed to convey a 100 year flood.	Currently 43.3% of flood control channels are capable of providing 100 year level of flood protection.
<p><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.</p>	27,500 insurance policies are anticipated to be required in Orange County by the end of FY 2005-06.	It is anticipated that 27,000 policies will be required in Orange County by the end of FY 2006-07. A drop of 500 policies from the previous year.	The number of mandatory flood insurance policies, currently at 27,500 in Orange County, is anticipated to be reduced to 27,000 as flood control improvements currently in the FY 06-07 budget are implemented.
<p><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.</p>	Orange County residents paid \$16,165,000 for mandatory flood insurance premiums in 2005.	It is anticipated that Orange County residents will pay \$16,500,000 for mandatory flood insurance premiums in 2006.	The number of flood insurance policies is expected to decrease, but due to increase in property values, the total premiums paid in Orange County of \$16,165,000, is expected to rise to \$16,500,000 inspite of flood insurance policies being eliminated as improvements in FY 06-07 are completed.
<p><b>REPORT CARD GRADE.</b>  <b>What:</b> Flood Control Infrastructure Report Card Grade.  <b>Why:</b> Shows the quality of construction &amp; 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 05-06.

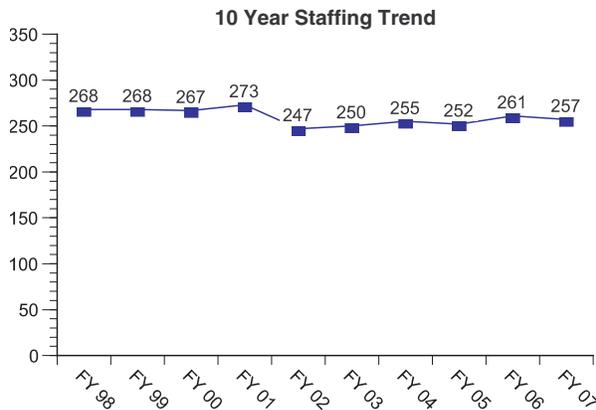
**FY 2005-06 Key Project Accomplishments:**

- Atwood Channel from Mountain View Avenue to Kellogg Drive.
- San Juan Creek emergency response and repair.Santa Ana-Delhi Channel emergency repair from upstream of upper Newport Bay to Mesa Drive.
- San Diego Creek emergency vegetation and sediment removal.East Garden Grove-Wintersburg Channel emergency levee repairs downstream of Graham Street.
- Huntington Beach Channel cathodic protection improvement from Magnolia Street to Indianapolis Avenue.



**Flood Control District** - Designs, builds and maintains flood control channels and other flood protection facilities. 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:**

- In FY 05-06 nine positions were moved to Flood Fund 400 from HBP Fund 405, to budget positions in the fund (400) where majority of work required of these positions actually occurs. Three positions were deleted from the Flood Fund in the 1st QBAR to account for long term vacant positions and one position was deleted and transferred to Auditor Controller.

**Budget Summary**

**Plan for Support of the County's Strategic Priorities:**

The Flood Control District along with Road & HB&P Funds will support the RDMD/Watershed Management Program Strategic Priorities in Fiscal Year 2006-2007. This support will aid in the implementation of Watershed Management Programs and Storm Water Quality Programs.

**Requested Budget Augmentations and Related Performance Results:**

Unit Amount	Description	Performance Plan	BRASS Ser.
<b>Decrease Funding to Watershed Agency 034 Amount:\$ 0</b>	Eliminate the operating transfer from Flood to Watershed Agency 034	Elimination of transfer would provide additional funding for Flood projects	5400

**Proposed Budget History:**

Sources and Uses	FY 2004-2005	FY 2005-2006	FY 2005-2006	FY 2006-2007	Change from FY 2005-2006	
	Actual	Budget As of 3/31/06	Projected <sup>(1)</sup> At 6/30/06	Recommended	Projected Amount	Projected Percent
Total Positions	252	257	257	257	0	0.00
Total Revenues	101,519,502	101,119,153	115,466,049	100,011,070	(15,454,979)	-13.38
Total Requirements	68,375,084	101,119,153	84,548,687	100,011,070	15,462,383	18.29
Balance	33,144,418	0	30,917,363	0	(30,917,363)	-100.00

(1) Requirements include prior year encumbrance and expenditures. Therefore, the above totals may not match FY 2005-06 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 A232



### 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 (25 million since 2001). As a result, RDMD requested 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 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 2004-2005		FY 2005-2006		FY 2005-2006		Change from FY 2005-2006	
	Actual	Budget	Projected <sup>(1)</sup>	FY 2006-2007	Projected	Amount	Percent	
		As of 3/31/06	At 6/30/06	Recommended				
Taxes	\$ 48,596,286	\$ 49,763,696	\$ 49,792,518	\$ 52,157,652	\$ 2,365,134	4.75%		
Licenses, Permits & Franchises	145,466	257,200	156,500	169,966	13,466	8.60		
Fines, Forfeitures & Penalties	11,832	15,256	7,000	7,000	0	0.00		
Revenue from Use of Money and Property	3,234,921	2,210,338	3,938,472	4,038,472	100,000	2.54		
Intergovernmental Revenues	3,808,061	7,552,745	5,257,773	4,676,127	(581,646)	-11.06		
Charges For Services	9,753,375	7,572,500	7,108,000	7,440,650	332,650	4.68		
Miscellaneous Revenues	592,566	348,000	603,590	348,690	(254,900)	-42.23		
Other Financing Sources	487,400	255,000	255,000	255,150	150	0.06		
<b>Total FBA</b>	<b>35,942,252</b>	<b>33,144,418</b>	<b>33,144,418</b>	<b>30,917,363</b>	<b>(2,227,055)</b>	<b>-6.72</b>		
Reserves	27,328	0	0	0	0	0.00		
Reserve For Encumbrances	(1,079,984)	0	15,202,778	0	(15,202,778)	-100.00		
<b>Total Revenues</b>	<b>101,519,502</b>	<b>101,119,153</b>	<b>115,466,049</b>	<b>100,011,070</b>	<b>(15,454,979)</b>	<b>-13.38</b>		
Salaries & Benefits	20,311,553	22,039,403	22,039,403	22,352,288	312,885	1.42		
Services & Supplies	21,609,413	27,359,743	26,270,354	27,906,991	1,636,637	6.23		
Other Charges	109,871	150,000	168,647	450,000	281,353	166.83		
Fixed Assets	2,183,560	30,426,779	14,927,054	30,759,809	15,832,755	106.07		
Other Financing Uses	3,174,811	2,905,821	2,905,821	3,270,420	364,599	12.55		
Reserves	20,985,877	18,237,407	18,237,407	15,271,562	(2,965,845)	-16.26		
<b>Total Requirements</b>	<b>68,375,084</b>	<b>101,119,153</b>	<b>84,548,687</b>	<b>100,011,070</b>	<b>15,462,383</b>	<b>18.29</b>		
<b>Balance</b>	<b>\$ 33,144,418</b>	<b>\$ 0</b>	<b>\$ 30,917,363</b>	<b>\$ 0</b>	<b>\$ (30,917,363)</b>	<b>-100.00%</b>		

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