

Marin County Flood Control and Water Conservation District

FLOOD ZONE 4 ADVISORY BOARD MEETING

MAY 23, 2013

STAFF REPORT

Item 1. Approval of Meeting Minutes for February 26, 2013

Recommended Action: Approve minutes.

Item 2. Open Time for Items Not on the Agenda

Comments will be heard for items not on the agenda (**limited to three minutes per speaker**).

Item 3. District Engineer's Report

- a. **FEMA Map Revisions:** FEMA is updating flood zone maps for coastal, tidally influenced areas in Marin including Tiburon/ Bel Aire and Strawberry. Preliminary revised Flood Insurance Rate Maps (FIRMs) were just released to agencies for review and the maps will be finalized in 2015. Stetson Engineers is performing a review of model input and will help the County provide comments to FEMA as necessary. Additional information may be obtained by visiting FEMA's website: <http://www.r9map.org/Pages/San-Francisco-Coastal-Bay-Study.aspx>

Item 4. Annual and Preventive Maintenance Plan

Staff will present this year's plan, including:

- a. **Pump Stations:** No major pumps are scheduled for major maintenance this year but other work being performed includes:
- 1) The natural gas powered motor for the Cove Backup pump is scheduled for maintenance this year by the County Garage.
 - 2) Tidewater intrusion has been observed at Strawberry Circle Pump Station based on evidence of water levels and pump on-off records provided by SCADA during high tides. By plugging an existing pipe into the wet well staff has greatly reduced the observed intrusion. However, the District is continuing to work towards further reducing tidal intrusion and is focusing on existing tide gates at the intersection of Strawberry Circle and Strawberry Drive. They have been cleaned and maintained but one of the tide gates is no longer functioning effectively. The District can replace the tide gate for about \$6,000.
 - 3) Preventative maintenance at all pump stations will take place this year, including inspection, testing, and replacement of electrical and mechanical components as needed.
- a. **Vegetation:** Prior to the winter season, the Conservation Corps North Bay will perform annual vegetation maintenance in East and West Creeks and at the Karen Way Trash Rack. During the maintenance, the District will identify and perform any bank stabilization repairs needed. The East Creek access road will be mowed this summer.

Item 5. Southern Marin Watershed Program

Background

The Southern Marin Watershed Program is a joint effort of the County and partner agencies knowledgeable of flooding and habitat within the watershed. Primary goals of the program include:

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- Assessing and documenting existing conditions
- Identifying flood protection improvement alternatives, including multi-benefit projects which provide flood protection while also enhancing habitat and/or providing public access
- Increasing opportunities for securing grant funding for program initiatives
- Providing guidance for next steps, including project implementation

Visit the Southern Marin Watershed Program webpage at http://marinwatersheds.org/southern_marin.html to learn more about the program and to view and download documents as soon as they are available.

Ongoing Efforts

Work continues on existing conditions evaluations, including historical and existing ecology, habitats, and flood conditions. At the conclusion of this effort:

- potential habitat restoration areas, vegetation, fisheries, flood protection infrastructure, and land use will be mapped,
- previous studies and flood infrastructure improvement projects (both completed and proposed) will be reviewed and summarized, and
- hydrology will be updated throughout the watershed.

Upcoming Efforts

The Technical Working Group (TWG) will meet this summer to review the results of the existing conditions evaluations and aid in our collective understanding of flood threats and restoration opportunities. The TWG will also help shape the proposed next steps for the watershed program, including hydrology, hydraulics, and shoreline vulnerabilities studies.

A community meeting will be held this fall to review program goals and progress and to solicit input which will help inform next steps.

Item 6. Zone Budget for FY 2013-2014

The Zone 4 budget for FY 2013-2014 (begins July 1, 2013 and ends June 30, 2014) is attached and will be presented to the Board of Supervisors at a hearing this summer.

Recommended Action: Recommend that the Board of Supervisors approve the budget.

Item 7. Next Meeting

Schedule the next meeting of the Zone 4 Advisory Board. The bylaws specify that the next meeting be held on June 4, 2014.

**FY 2013 - 2014 Budget Report
FCZ #4 Bel Aire
Fund 23730**

Budget Summary

| Account Description | FY 2012-13 Budget | FY 2012-13 Projected | FY 2013-14 Budget |
|-----------------------------------|----------------------|-------------------------|----------------------|
| Fund Beginning Balance | \$ 1,765,915 | \$ 2,135,060 | \$ 1,933,507 |
| Expenses | | | |
| Salaries and Benefits | \$ 473,000 | \$ 473,000 | \$ 468,000 |
| Service and Supplies | \$ 230,005 | \$ 230,030 | \$ 174,080 |
| Capital Outlay | \$ 13,000 | \$ 15,550 | \$ 13,000 |
| Departmental Charges (Watershed) | \$ - | \$ - | \$ - |
| Total Expenditures | \$ 716,005 | \$ 718,580 | \$ 655,080 |
| Revenue | | | |
| Taxes | \$ 507,700 | \$ 511,127 | \$ 510,550 |
| Revenues From Use of Money and Pr | \$ 7,000 | \$ 2,600 | \$ 2,500 |
| Intergovernmental Revenues | \$ 3,300 | \$ 3,300 | \$ 3,000 |
| Total Revenue | \$ 518,000 | \$ 517,027 | \$ 516,050 |
| Fund Ending Balance | \$ 1,504,941 | \$ 1,933,507 | \$ 1,794,477 |

Major "Services & Supplies" Expenditures

Professional Services

| | | | |
|-----------------------|------------------|------------------|------------------|
| West Creek | \$ 25,000 | \$ 26,094 | \$ - |
| Miscellaneous Studies | \$ 60,000 | \$ 58,906 | \$ 50,000 |
| Total | \$ 85,000 | \$ 85,000 | \$ 50,000 |

Maintenance & Repair Services - Equipment

| | | | |
|----------------------------------|------------------|------------------|------------------|
| Pump Repair Service | \$ 25,000 | \$ 25,000 | \$ - |
| Precipitation & Stream Gauge Mtn | | | \$ 1,700 |
| ALERT System | \$ 1,000 | \$ 1,000 | \$ 7,600 |
| SCADA | \$ - | \$ - | \$ - |
| Miscellaneous | \$ 11,600 | \$ 11,600 | \$ 10,000 |
| Total | \$ 37,600 | \$ 37,600 | \$ 19,300 |

Maintenance & Repair Services - Land & Buildings

| | | | |
|------------------------------|------------------|------------------|------------------|
| Conservation Corps North Bay | \$ 46,500 | \$ 46,500 | \$ 48,600 |
| Miscellaneous | \$ 19,950 | \$ 19,950 | \$ 20,000 |
| Total | \$ 66,450 | \$ 66,450 | \$ 68,600 |

Miscellaneous Services & Supplies \$ 36,400 \$ 40,980 \$ 36,180

**FY 2013 - 2014 Budget Report
FCZ #4A - Strawberry
Fund 23740**

Budget Summary

| Account Description | FY 2012-13 Budget | FY 2012-13 Projected | FY 2013-14 Budget |
|---|----------------------|-------------------------|----------------------|
| Fund Beginning Balance | \$ 31,094 | \$ 33,502 | \$ 16,542 |
| Expenses | | | |
| Salaries and Benefits | \$ - | \$ - | \$ - |
| Service and Supplies | \$ 23,000 | \$ 23,000 | \$ 8,000 |
| Capital Outlay | \$ - | \$ - | \$ - |
| Total Expenditures | \$ 23,000 | \$ 23,000 | \$ 8,000 |
| Revenue | | | |
| Taxes | \$ 6,000 | \$ 6,000 | \$ 6,000 |
| Revenues From Use of Money and Property | \$ 100 | \$ 40 | \$ 40 |
| Intergovernmental Revenues | \$ - | \$ - | \$ - |
| Total Revenue | \$ 6,100 | \$ 6,040 | \$ 6,040 |
| Fund Ending Balance | \$ 14,194 | \$ 16,542 | \$ 14,582 |

Major "Services & Supplies" Expenditures

| | | | |
|--|-----------------|-----------------|----------------|
| Professional Services | \$0 | \$0 | \$0 |
| Maintenance & Repair Services - Equipment | \$20,000 | \$20,000 | \$5,000 |
| Maintenance & Repair Supplies - Equipment | \$1,500 | \$1,500 | \$1,500 |
| Utilities | \$1,500 | \$1,500 | \$1,500 |
| Other Services & Supplies | \$ - | \$ - | \$ - |