

# FLOOD CONTROL ZONE 1

## ADVISORY BOARD

### AGENDA

February 3, 2011

#### NOTICE OF CANCELLATION

NOTICE is hereby given that the February 3, 2011 regular meeting of the Flood Control Zone 1 Advisory Board, which meets at 6:30 p.m., at the Novato Police Department Training Room (999 Machin Avenue, Novato), Marin, is hereby canceled, there being no business to come before it.

NOTICE is further given that the next regular meeting of the Flood Control Zone 1 Advisory Board will be held on May 5, 2011, at 6:30 p.m., at Novato Police Department Training Room (999 Machin Avenue, Novato), Marin.

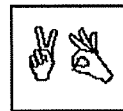
Dated this date: **January 24, 2011**

Very truly yours,



Pat Balderama  
Assistant District Engineer

c: Supervisor Arnold  
Bob Beaumont  
Tracy J. Clay



**Marin County Flood Control and Water Conservation District**

**FLOOD ZONE 1 ADVISORY BOARD**  
**JANUARY 24, 2011**

**ZONE UPDATE**

The following is a report on the Flood Zone #1 activities since the last Advisory Board (AB) meeting:

**Novato Creek Maintenance Dredging Project**

Preparation is now under way for the Novato Creek Maintenance Dredging Project scheduled for summer 2012. Foremost is the preparation of all environmental documents and permit application to various jurisdictional agencies. Survey to determine the volume of sediment to be removed will be conducted this summer. Since the project footprint is the same as the dredging project in 2008, the previous plans and specifications will be updated to conform to present conditions.

**Vineyard Creek Project**

About 24 cy of accumulated sediment was removed by the Conservation Corps under the Center Road bridge. It is anticipated that the rate of sediment buildup will be reduced as the creek bed vegetation becomes more established. Plants installed as vegetation mitigation are thriving and as such are above the plant survival tolerance requirement levels set in the permit. In order to save money for the care of plants, vegetation maintenance has been transferred from the landscaping consultant to the Conservation Corps. Required geomorphic and vegetation monitoring reports are prepared annually and submitted to the COE.

**2010 Winter Storms**

No flooding was observed or reported within the Zone during the storms that occurred last December to date. A predicted 10-year storm event did not materialize, instead about a 2-year storm event occurred. The pumps at Lynwood PS were turned on for a few days to keep the standard winter water elevation (-1.0' NGVD) at Lynwood Basin.

**Cheda Creek & Lynwood Pump Stations**

In 2009 plans and specification for the rehabilitation of Lynwood and Cheda Creek pump stations were prepared by Nute Engineering in the hope of getting a "federal stimulus funding" for the project due to the lack of funds from the Zone. No funding was found but the pumps remain in need of repair. Over the years the aging pumps have been repaired and/or rehabilitated one at a time when needed. Last summer the smallest (10 hp) of the four pumps at Lynwood PS was repaired and reinstalled. The second smallest pump (60 hp) was removed for repairs but found out that the cost of rebuilding it would be the same as buying a new one. A new pump is currently being procured and will be installed this spring.

Likewise one of the two pumps at Cheda Creek is in need of repair. It has been removed and checked for serviceability but found out to be so heavily corroded that cost wise, buying a new unit would be more prudent. Because both pumps are the same age, about 40 years old, it can be deduced that the remaining pump would be in similar condition. The District is currently negotiating a contract with Nute Engineering to revise existing design of the pump system to reduce the scope of work to include only pump replacement and wet well modifications. As a cost saving measure, District staff will perform the control panel replacement and other electrical upgrades according to existing plans prior to commencing construction. An estimated cost to make the pump station repairs will be presented to the Advisory Board at the May meeting.

## ***Marin County Flood Control and Water Conservation District***

### **Watershed Management Program**

The Technical Work Group (TWG) for the Novato Flood Protection and Watershed Program plans to convene the first meeting this spring. The purpose of this initial meeting will be to introduce the program, staff, and review program process, goals, and to describe how the Program web site ([www.marinwatersheds.org](http://www.marinwatersheds.org)) will be used to facilitate the planning process.

The Watershed Program provides a framework to integrate flood protection, creek and wetland restoration, fish passage and water quality improvements with public and private partners to protect and enhance Marin's watersheds. Your input is needed to support the review and development of technical studies and programs and to provide feedback on watershed issues and priorities.

The Board of Supervisors authorized the Department of Public Works to begin implementation of a County-wide watershed program on May 5, 2008. Following the Board meeting, staff has worked with the City of Novato, Novato Sanitary District, Flood Zone No. 1 and North Marin Water District. These partners have committed to a collaborative, watershed-based approach to project planning and implementation. The Technical Work Group will provide the local knowledge and technical input necessary to develop the program deliverables.

Currently the Program has funding and authorization to begin the development of several efforts including a restoration plan for lower Novato Creek to improve flood protection, sediment transport, and to restore habitat and natural function of the wetlands. Also, work will be conducted to better assess habitat and restoration needs for people, steelhead, and other creek-side inhabitants in the watershed. A third effort will be to educate and assist with streambank stabilization and permitting issues connected to creek restoration.

It is anticipated that after technical studies and planning efforts are completed a ballot measure may be considered within the next two years to generate funds to construct the identified improvements.

If you have any questions or comments, please contact Chris Choo, at (415) 499-7586 or via e-mail at [cchoo@co.marin.ca.us](mailto:cchoo@co.marin.ca.us).