

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

**FLOOD ZONE 7 ADVISORY BOARD MEETING**  
**AUGUST 25, 2010**

**STAFF REPORT**

**Item 1. Approval of Meeting Minutes: July 8, 2010**

**Recommended Action:** Approve minutes of the July 8, 2010 meeting.

**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. Interceptor Drains (Bypass) Maintenance**

Santa Venetia's three interceptor drains (beginning near N. San Pedro Rd and its intersection with Meadow Dr., La Pasada Way, and Sunny Oaks Dr., respectively) perform a valuable flood control function for the community. Each receives stormwater runoff from hillsides south of N. San Pedro Dr. and carries it directly to Las Gallinas Creek, thereby bypassing local streets, drains, and pump stations which could otherwise become overwhelmed with stormwater during periods of heavy rainfall (see Figure 1).

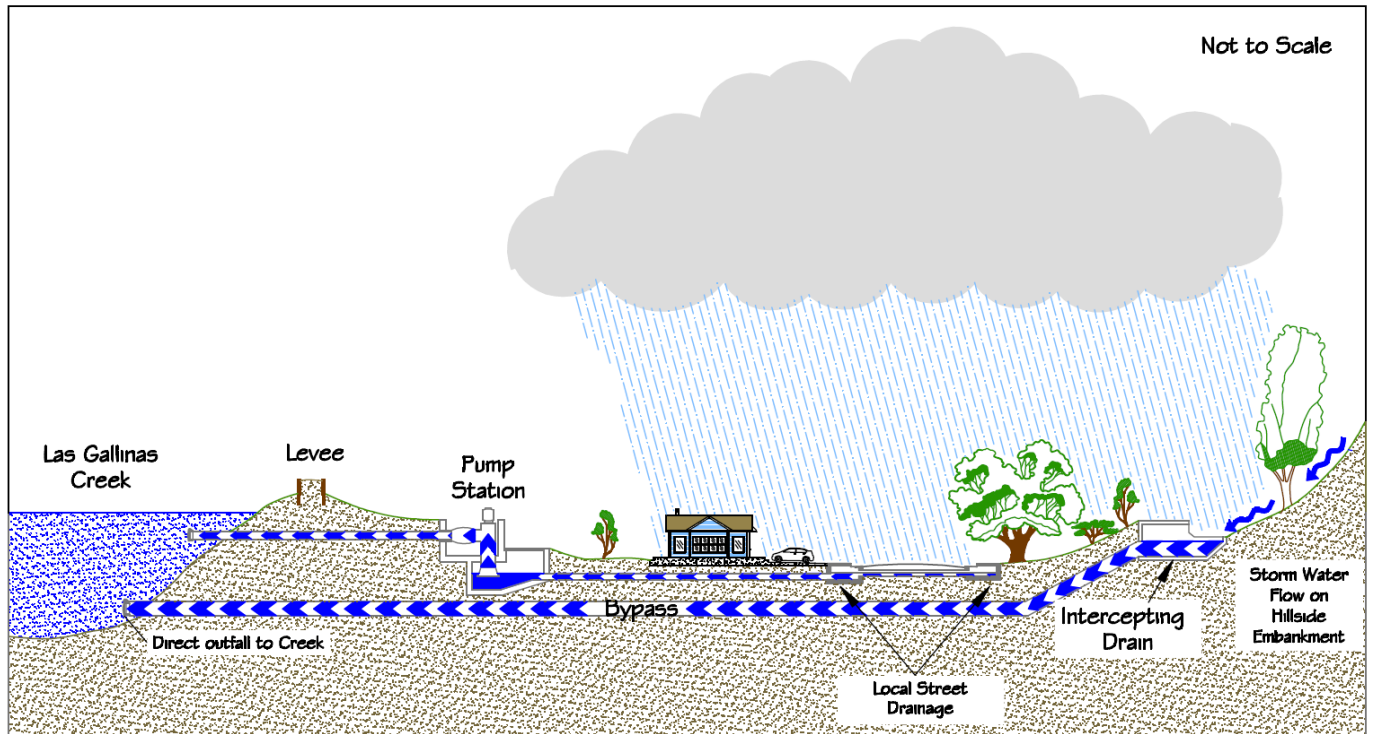


Figure 1. Major stormwater drainage facilities in Santa Venetia.

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

These drains require regular maintenance to ensure that they function as intended. Maintenance includes the removal of sediment buildup and the inspection and requisite repair of drain components including pipes and tide valves.

Anticipating the need for maintenance, staff recommended that \$100,000 be allocated for work on the Meadow Dr. and La Pasada interceptors in the FY 2010-2011 budget. This recommendation was made based on preliminary inspections and before either project had been fully scoped. A visual inspection at the Sunny Oaks drain, a DPW facility, was performed at access points and revealed that maintenance was needed to remove sediment from the ditch leading to the inlet. Work has been scheduled and will be performed prior to this upcoming winter.

Following is a brief history of the Meadow Dr and La Pasada Way projects and a summary of the scope of work for upcoming maintenance:

### Meadow Dr

- Built in 1969
- Original construction cost of \$290K<sup>1</sup> (\$119K federal grant, \$93 Zone funds, \$78K Roads funds)
- Major sediment removal every 10-15 years; last completed in 1997

1. 1969 dollars

Work would involve the removal of an estimated 400-500 yd<sup>3</sup> of material from an approximately 800 ft section extending upstream from the drain's outfall at Las Gallinas Creek to approximately 400 ft southeast of the intersection of Meadow Dr. with Adrian Way. Also, accumulated sediment in the proximity of the outfall would be removed to improve flow.

The lowest cost bid received was \$109,000 from Cooper Crane & Rigging, Inc. of Novato. Work is scheduled to begin in early September and should be completed before the end of October.

### La Pasada Way

- Built in 1975
- Original construction cost of \$248K<sup>2</sup> (\$191K paid from Zone funds, \$36K from Roads funds, and \$21K from LGVSD funds to relocate sanitary facilities)
- Last major sediment removal in 1996; duck bill tide valve installed at same time

2. 1975 dollars

Work would include rehabilitating an approximately 250 ft section of pipe extending from the outfall at Las Gallinas Creek to the manhole at Vendola Dr. Any existing pipe supports in need of repair would also be replaced and a new tide valve installed to protect the system from tidal surcharging. Finally, sediment around the outfall would be removed to improve flow.

The bid opening for the La Pasada project is scheduled for August 16, 2010. Staff will report on the bids received and planned work at the advisory board meeting.

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

### **Item 4. Las Gallinas Creek Levee Evaluation – Project Update**

Staff will provide an update on the ongoing Las Gallinas Creek Levee Evaluation and the Feasibility Cost Sharing Agreement (FCSA) with the U.S. Army Corps of Engineers.

### **Item 5. Watershed Program - General Information**

The Watershed Program supports and enhances Marin County's efforts to protect its extensive natural resources as it seeks to integrate flood mitigation solutions with improvements to creek side habitat, water quality, and overall watershed health by providing the following benefits:

- Protects and enhances sensitive creek habitat and water quality
- Seeks cost effective solutions to reduce flooding damages that threaten communities, local economies, and public services
- Actively supports restoration of endangered coho salmon and steelhead populations
- Aligns with state and federal funding, regulatory, and legislative priorities, which will ensure timely project implementation
- Better positions the County to compete for state and federal funding

#### **Gallinas Creek**

Staff will be meeting with potential partners over the next six to eight months to assess the level of support and commitment for this approach. This is the only activity currently scheduled for this watershed. Watershed specific studies will not be initiated until we obtain funding commitments and support for the watershed approach. If we are successful in securing commitments to implement the watershed approach, we would implement a stakeholder process and begin work to scope a study that identifies a suite of alternatives to support an integrated approach to flood protection and habitat restoration. Watershed information is available at [http://www.marinwatersheds.org/gallinas\\_creek.html#](http://www.marinwatersheds.org/gallinas_creek.html#)

The tidal marsh areas of lower Miller and Gallinas Creeks outlet onto a contiguous floodplain adjacent to San Pablo Bay; thus any restoration assessment of lower Miller and Gallinas should be evaluated comprehensively. The restoration of these baylands has been identified as a high priority by the Army Corps of Engineers San Pablo Bay Watershed Restoration Program.

### **Item 6. Next Meeting**

Schedule the next meeting of the Zone 7 Advisory Board.