

North Bay Watershed Association 07-08 Projects/Accomplishments that benefit the Marin County stormwater program, NPDES permit compliance and SWMP implementation, and stormwater pollution prevention (see strategy session on NBWA website:

[http://www.nbwatershed.org/prez/NBWAstrategySession\\_050208.ppt](http://www.nbwatershed.org/prez/NBWAstrategySession_050208.ppt)). Most NBWA projects are proposed through NBWA committees:

- Water Quality
- Habitat and Flood Protection
- Integrated Water Resources

1. Watershed Awareness – Agencies from Marin, Sonoma and Napa developed a proposal to install creek identification signs. In Marin County signs will identify 10 total creeks within the following watersheds: Novato, Miller, Las Gallinas, Ross Valley, and Richardson Bay.

A total of twenty (20) signs will be produced and installed – two (2) at each crossing. Marin County Public Works will submit digital images of installed signs, produce a map showing the location of the installed signs, prepare and submit two (2) press releases regarding the project. The County will provide matching funds to help produce and install the signs. Signs will be installed in fall of 2008.

The concept of identifying creeks is one that is supported by a broad range of community stakeholders and interest groups. Broad community support indicates that beyond the initial level of funding being requested, there will be opportunities to leverage private and public funds to expand the program to other watersheds in each county. Creek signs already exist on some streams in the Petaluma River and Novato Creek watersheds.

2. Laterals project. NBWA water quality subcommittee used NBWA funds and matching funds to kick off a sewer lateral project. This project will develop model ordinance for lateral inspection and repair.
3. A document database, San Francisco Bay Area Commons, was developed. <http://calconservationcommons.net/>.
4. San Anselmo Creek Park: Rip rap removal and restoration. Part of consolidated grant proposal (NBWA admin costs were \$45k.) <http://gis.ca.gov/catalog/BrowseRecord.epl?id=30115> Project included brush layering, planting, irrigation and fencing for 90' reach. **Project completed in 2007 but report completed in 2008. Report should be linked to in our annual report. It includes mention of MCSTOPPP's role in BMI monitoring.**

Before



After



5. Funded Friends of Novato Creek water quality monitoring, including BMI, bacteriological indicators, and turbidity. Part of consolidated grant proposal.
6. Redwood Creek Watershed sediment control project on Marin Municipal Water District land. Goal was to improve streambed quality and restore salmon habitat through erosion control. Work included culvert and road repair.
7. High School Pollution Prevention Pilot Program. Local sanitary agencies in Marin, Napa and Sonoma implemented a pilot project to educate students about the need for pollution prevention, increase their awareness of impacts of daily activities on the environment, and to actively prevent the

release of hazardous materials into the environment. In order to achieve these objectives, students participated in a pollution prevention audit of their school, focusing on two Pollutants of Concern (POCs), mercury and copper. NBWA water quality committee and sanitary agency staff worked with teachers to develop a draft curriculum and that can be used as a template for other school facilities and agencies. Audits were performed in 2 schools in Marin County by students with assistance from Central Marin Sanitary Agency and teachers. Students conducted water quality monitoring in creeks and storm drains. This program will be continued in 2008-2009 and MCSTOPPP will report findings in the 08-09 annual report.

#### Projects planned for 2008-2009

1. NBWA will produce a fact sheet that will describe NBWA, member agencies, and the organizations accomplishments and goals.
2. SFEI has been hired to develop performance measures for watershed plans and indicators of ecosystem function that can be applied across watersheds to track outcomes of watershed management activities, including policy and program planning and implementation. MCSTOPPP staff is actively participating in this project in order to determine which indicators and performance measures are the most useful and appropriate to assist Marin's stormwater programs to assess program effectiveness and inform future selection of best management practices.
3. Continue the High School Pollution Prevention Pilot Program. Will include 5 high schools in NBWA area - 2 in Marin County. CMSA will implement in Marin County. MCSTOPPP will follow this by attending the NBWA WQ committee meetings and will assess opportunities for future involvement.
4. MMWD will develop web-based maps of pervious versus impervious surfaces in Marin within the MMWD service area.
5. NBWA water quality committee is working on a project to present and summarize the suite of stormwater regulations in Marin, Sonoma and Napa counties that require municipalities to encourage or to require stormwater or wash water to be routed to the sanitary sewer. The project will present the potential impacts to POTWs and collection systems and present some of the concerns held by local NBWA sanitary districts. The committee will consider holding a workshop so that involved stormwater and sanitary agencies can develop outreach approaches that agree with stormwater and sanitary agency NPDES and pre-treatment regulations.
6. The Bay Institute's STRAW Program will use NBWA funds to supplement restoration activities in Miller Creek near Miller Creek Middle School at the establish STRAW-MCSTOPPP restoration site.
7. Note creek sign project above.