**Welcome To Project Creekwatch!**

KicknetGolden BellProject Creek Watch, started in the Fall of 1994, is a long term scientific study of the Arroyo Del Valle "Creek" located in the city of [Pleasanton](http://www.ci.pleasanton.ca.us/), California. This project is sponsored & cooridinated by the [Amador Valley High School Science Department](http://www.pleasanton.k12.ca.us/amador/faculty/science/default.html) which is part of the [Pleasanton Unified School District](http://www.pleasanton.k12.ca.us/). It was awarded the prestigious California Golden Bell Award for excellence in education in 1999.

The goal of the project is to provide field experience opportunities for Amador science students while at the same time support efforts in transforming the "creek" channel into an envionment that is respected, enjoyed, and maintained by the Pleasanton Community.

While at the creek study site, Amador students assess water quality by collecting chemical measurements, capturing indicator species, and making qualitative observations regarding the abundance and distribution of flora and fauna. Grant money provided by the Amador [Parent Teacher Student Association](http://www.amadorvalleyptsa.org/), [Pleasanton Partners In Education](http://www.ppie.org/) and the [Tri Valley Community Fund](http://www.tvcfoundation.org/) have enabled us to purchase the necessary tools to collect, store, and display what we have found. Significant changes have been observed over the years and laptopfortunately most have been positive. Recently the city has followed our lead and began introducing native plant species accompanied by wire to protect the plants from deer and irrigation to sustain the young plants during the summer. We envision that one day the Arroyo Del Valle "creek" will be a place where members of the Pleasanton community will enjoy brining their children to observe and appreciate an abundance of wildlife.

Use the links above to learn more about the Arroyo Del Valle, the Data that Amador students collect while at the study site, view images of some of the many organisms that can be found there, view images or take a virtual tour of the main study areas, enjoy some of the more beautiful images captured on camera, or marvel at some of the many research endeavors initiated by my students .

We hope this web site will encourage you to visit the study area and become an active participant in the revitalization and beautification of this wonderful Pleasanton ecosystem. While there, if you see any Endangered Species or acquire information that may assist us in our research please e-mail *ethiel@pleasanton.k12.ca.us* .

This web site was created and is maintained by [Eric Thiel](http://www.pleasanton.k12.ca.us/amador/faculty/science/thiel.html), co-founder of the project. He has been a member of the Amador Science department since 1992.

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| About   |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | |  | about | Data |  | sites | VR | Gallery | Research |   **Site 2 at the Arroyo Del Valle!**   |  |  | | --- | --- | | Site Two is located on the west side of the Main Street overpass. Water flowing across the slab spills over into a groove like pool. Water is deepest, approximately 1 meter, immediately next to the edge of the slab. Silt and gravel collects just beyond the slab and decreases the depth of the creek to about .5 meters and helps to establish the widest part of the creek. A large gravel/sand bar is easily accesible from the bank and allows access to sampling the deeper water on both sides of the bar. DO levels tend to be higher here than most other sites along the study area. Black bass, sculpin, squawfish, and creek chub have all been caught in the deep channel next to the spillway. Garbage is commonplace here, swept over the concrete slab and then getting caught in the backflow created by the spillway. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Home | Site 1 | Site 2 | Site 3 | Site 4 | Site 5 | Site 6 | Site 7 | Site 8 | Site 9 | Site 10 | Site 11 | Site 12 | Site 13 | Site 14 |   micro images   |  | | --- | | Copyright © 2008 Amador Valley High. All Rights Reserved. Reproduction in whole or in part in any form or medium without express written permission of Amador Valley is prohibited. | |