

Draft  
**SCHOOL WATER CONSERVATION RETROFIT PROGRAM PROPOSAL**  
November 2, 2009

**Goal:** To facilitate Best Management Practices (BMP) and achieve significant water (and energy) savings at schools supplied by water from the Monterey Peninsula Water Resource System (MPWRS). To track water use over three years to determine level of savings achieved.

**Summary:** Local schools are high water users. Water is used for multiple purposes, including irrigation, cleaning, food service, hygiene, heating/cooling, laboratory and photography, laundry, etc.

**Resources Available:**

1. Irrigation Audit by Certified Landscape Irrigation Auditor. Includes recommendations for retrofits and estimated savings. Produces a water audit for irrigation efficiency. MPWMD has funding through Conservation Budget (PUC).
2. CII Interior Audit. Cal-Am has a contract with auditors that will identify water inefficiencies. Produces a report that identifies water uses, recommends retrofits and provides cost/benefit information.
3. School Retrofit Fund. Approved as part of PUC Conservation Budget. MPWMD has \$75,000 to contribute to school retrofits.
4. Large Landscape Grants. Cal Am has \$75,000 to assist with retrofits to large landscaped areas.
5. Weather Based Irrigation Controller Pilot Program. Cal Am has funding to provide WBICs to large landscapes that are separately metered and that are willing to participate in a pilot program.
6. School Education. Cal Am has funding for school education programs.
7. Misc. Conservation Devices. MPWMD and CAW have funding to public outreach materials which could be used in the schools.

**Tasks:**

1. Identify highest use schools and target first. Prioritize other schools.
2. Meet with key staff and arrange audits.
3. Obtain necessary authorizations from Boards to conduct retrofits.
4. Complete retrofits
5. Track water use and energy savings
6. Track user satisfaction
7. Report to CPUC/CUWCC on program success.