

NAKED WATER SURVEYS FOR WATER DISTRICTS IN SOUTHERN CALIFORNIA – LESSONS LEARNED

WATER SURVEY

1. Data is recorded on tablets versus paper for easier and faster processing.
2. Survey reports address the “lowest hanging fruit” in short reports rather than numerous pages of charts, pictures, etc.
3. More emphasis is placed on a water management plan for the property than WBIC and nozzle rebates.
4. The person responsible for authorizing any enhancements, along with other staff, receives the report to ensure changes are made.
5. After the report has been presented the site’s water usage is monitored.
6. Monthly e-mails are sent to site owner and staff. This has been effective and generated good responses.
7. The top water users in services should be identified. A feasibility study should be conducted for each site to determine the potential water savings.
8. The price of a water survey ranges from \$500 to \$2,500 depending on the potential the site has to save water.

CASE STUDIES

Commercial Site

Location: Thousand Oaks, CA
 Type: Middle School
 Landscaped Area: 3.8 Acres
 Start Date: November 2012
 Savings: 1.82 Acre Feet
 Survey Cost to Water Agency:
 \$1,623

Residential Site

Location: Thousand Oaks, CA
 Type: Large Estate
 Landscaped Area: 7.4 Acres
 Start Date: July 2013
 Savings: 1.11 Acre Feet
 Survey Cost to Water Agency:
 \$2,029

BLUE DASHBOARD

The Blue Dashboard is a tool used by water managers, water agencies, and property owners in effort to manage and conserve water.

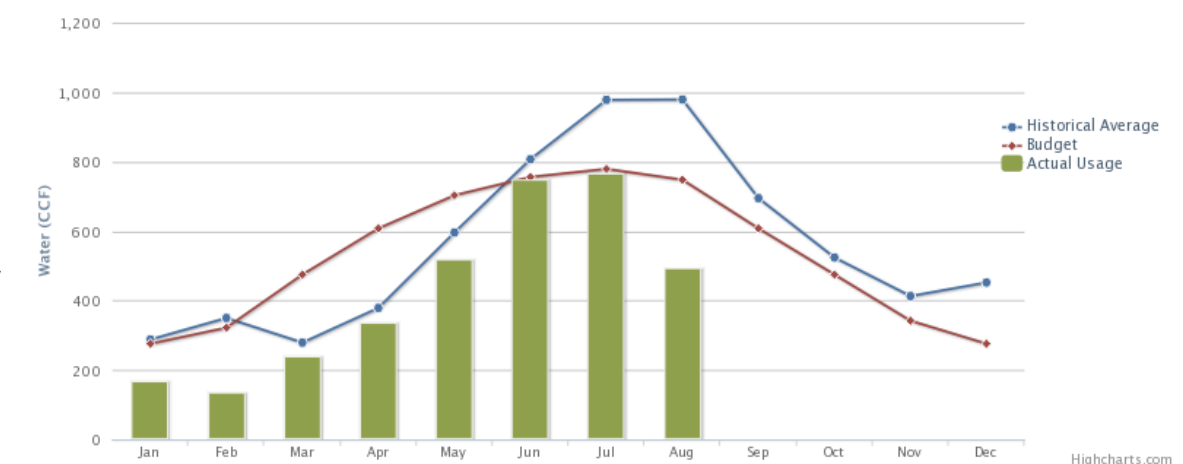
The dashboard allows water agencies to monitor sites after a survey has been completed, and compare their usage to historical use. A rollup page totals all savings for every site enrolled. This can be used to evaluate the effectiveness of water conservation programs.

Water managers are able to use the data from Blue Dashboard to take action when usage is above the target.

All sites are listed for a quick reference. The percentage of the budget is shown in red (over historical), yellow (over budget), or green (under budget).

The property owners are provided a login to Blue Dashboard to view their water consumption. They can compare the site’s usage to a budget or to a historical 5-year baseline.

Water Usage (CCF)	Historic Usage (CCF)	Water Budget (CCF)	% of Budget
1266	1452	818	155%
2537	2914	2558	99%
494	979	748	66%
761	911	720.667	106%
419	548	279	150%
619	593	413.156	150%



CONTACT US AT:
 760.707.9301 start@bluewatchdog.net

PATRICK H. CRAIS CLIA, CID, CIC, CWCM
 CEO BLUE WATCHDOG CONSERVATION, INC.
 CEO BLUE PANDAS
 PATRICK@BLUEWATCHDOG.NET