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## BELLA VISTA WATER DISTRICT

11368 E. STILLWATER WAY • REDDING, CALIFORNIA 96003-9510  
TELEPHONE (530) 241-1085 • FAX (530) 241-8354

Volume 24 – No. 5

NEWSLETTER

Sep – Oct. 2012

### GOVERNOR, SECRETARY OF THE INTERIOR, JOINTLY ANNOUNCE BAY-DELTA PROCESS

On July 25, 2012, California Governor Edmund G. Brown Jr., Secretary of the Interior Ken Salazar, and National Oceanic and Atmospheric Administration (NOAA) Assistant Administrator for Fisheries Eric Schwaab outlined revisions to the proposed Bay Delta Conservation Plan (BDCP). "In the coming months a range of alternative proposals will undergo a rigorous public environmental review process. In announcing the plan to move forward with an enhanced BDCP process, the officials emphasized that California's water system is unsustainable from both an environmental and economic perspective, and that the BDCP is a key part of a comprehensive solution to achieve the dual goals of a reliable water supply for California and a healthy California Bay Delta ecosystem that supports the State's economy. "A healthy Delta ecosystem and a reliable water supply are profoundly important to California's future," said Governor Brown. "This proposal balances the concerns of those who live and work in the Delta, those who rely on it for water and those who appreciate its beauty, fish, waterfowl and wildlife." The joint announcement outlined actions that must be pursued to achieve these co-equal goals, including construction and operation of isolated conveyance facilities ("Peripheral Tunnels" by some critics). "As broken and outdated as California's water system is, we are also closer than ever to forging a lasting and sustainable solution that strengthens California's water security and restores the health of the Delta," said Secretary Salazar. "Through our joint federal-state partnership, and with science as our guide, we are taking a comprehensive approach to tackling California's water problems when it comes to increasing efficiency and improving conservation."

State law requires that state and federal agencies present a plan by late 2012 that will better protect the Delta's ecosystem and improve water supply reliability for millions of Californians. The Delta Reform Act requires a plan that reduces reliance on the Delta and promotes water conservation, water recycling, conjunctive use and desalination. The BDCP's preferred approach is to draw water out of the Sacramento River using several large pumps and move that water south through two large tunnels underneath the Delta.

The joint announcement certainly doesn't represent final action. Numerous issues requiring detailed analysis and policy decisions must be addressed. Chief among these issues is how the conveyance facilities proposed by the Governor and the Secretary will be financed and which public water agencies will pay for the facilities. Unaddressed in the announcement is the issue of additional water storage and potential for redirected impacts. Reactions to the announcement varied with the strongest support from those most reliant upon the Delta for water supply. A coalition of environmental groups, local, state and

federal elected officials representing the Delta area, and the Pacific Coast Federation of Fishermen's Associations promptly launched their campaign against the "Peripheral Tunnels". Opponents have pointed out "fatal flaws" of the tunnels they said would damage water, the environment, fish, and farming and impose billions of dollars of increases on water ratepayers. Restoration of Delta habitat, a key element of the overall plan, depends largely on a bond issue that has been withdrawn from the 2012 California state ballot.

For additional information, visit the [Bay Delta Conservation homepage](http://baydeltaconservationplan.com/Home.aspx):  
<http://baydeltaconservationplan.com/Home.aspx>

#### DISTRICT PERSONNEL

Please join us in congratulating...

- Bud Wanbaugh, Distribution Technician, for completing 20 years of service with the District
- Mark Maty, Treatment Operator, for passing his state exam and receiving his T-3 Water Treatment Operator Certification
- Ashley Lindell, for receiving a promotion to the Accounts Payable Clerk position

#### CUSTOMER RECORDS

The District urges all customers to maintain and update their contact information, as necessary, with the District. This information can be critical in the event of water outages. Please notify the Customer Service Department at the District office to update your information.

#### OFFICE HOURS

The District's regular office hours are: Monday thru Thursday 8:00 am – 5:00 pm and Friday – 8:00 am - 4:00 pm.

#### BOARD MEETINGS

Board of Director Meetings are open to the public and are held on the fourth Monday of each month beginning at 5:30 p.m. at the District office. Information, including Board Meeting Agendas and prior meeting Minutes, can be reviewed online at: [www.bvwd.org](http://www.bvwd.org).

# BELLA VISTA WATER DISTRICT – 2012 CONSUMER CONFIDENCE REPORT

*(Este informe contiene información muy importante sobre su agua potable. Tradúzcalo o hable con alguien que lo entienda bien.)*

The District is pleased to present this year's Consumer Confidence Report. Our unvarying goal is to provide a safe and dependable supply of drinking water to all of our customers. Last year, as in years past, your tap water met all EPA and State drinking water health standards. Once again we are proud to report that our water system has never violated a maximum contaminant level or any other water quality standard.

## WHERE OUR WATER COMES FROM

In 2012 our water sources include surface water from the Sacramento River and groundwater from our five wells.

In 2012, surface water from the Sacramento River made up 99.3% of the treated water supply, or approximately 4.27 billion gallons (compared with 96.3% of the treated water supply and 3.53 billion gallons in 2011). The maximum daily flow through the Water Treatment Plant in 2012 was 28.6 million gallons on August 13<sup>th</sup>. In 2012 the District captured and recycled approximately 173 million gallons (530 acre-feet) of water filter backwash water, supplying approximately 4% of the treated water supply in 2012. This recycled water reduces the amount of water that the District diverts from the Sacramento River or pumps from groundwater wells and provides a reliable source of much needed water during water shortages.

The District's wells draw from the Redding groundwater basin. The wells made up 0.7% of the total supply, or approximately 30.8 million gallons in 2012 (compared with 0.3% of the treated water supply and 11.6 million gallons in 2011). The treatment process at each of the five wells consists of oxidation of iron and manganese using chlorine, followed by absorption of the iron and manganese oxides in pressure filters. A chlorine residual is carried through the entire process to aid in maintaining a chlorine residual in the distribution system. No iron or manganese was detected in any of the treated well water samples collected in 2012. Well water is warmer than the treated surface water and has a different taste due to its higher mineral content. At times, the mixing of chlorinated well water with treated river water in the distribution system generates a more noticeable taste due to the different physical and chemical properties of the waters. To ensure the safety of the water the same microbiological testing is completed weekly at various sites throughout the water distribution system, regardless of the source.

The District received no water, through its interties during all of 2012.

Source water assessments were performed by the Department of Public Health between January 2002 and April 2003. The District's Sacramento River source is considered most vulnerable to the following activities associated with contaminants detected in the water supply: 1) metal plating/finishing/fabricating, 2) wood/ pulp/paper processing and mills, and 3) drinking water treatment plants. The source is considered most vulnerable to the following activities not associated with any detected contaminants: 1) concentrated aquatic animal production facilities, 2) historic waste dumps/landfills, 3) landfills/dumps, 4) historic mining operations, and 5) wastewater treatment plants and disposal facilities (above Shasta Dam). The District's well sources are considered most vulnerable to the following activities not associated with any detected contaminants: 1) lumber processing and manufacturing, 2) septic systems - low density, 3) sewer collection systems, 4) historic waste dumps/landfills, 5) automobile - gas stations, and 6) utility stations - maintenance areas.

A copy of the complete assessment may be viewed at Bella Vista Water District, 11368 E. Stillwater Way, Redding, CA 96003. You may request a summary of the assessment be sent to you by contacting the Administrative Assistant @ (530) 241-1085, ext. 105.

In 1989 the Federal Surface Water Treatment Rule set forth specific regulations requiring proper treatment of surface waters, as well as specific license requirements for water treatment operators. Although the regulations have changed dramatically, the overall process has not. Currently the District's staff includes 8 individuals with state certification as water treatment operators and 18 with certification as water distribution operators (including 10 individuals with certification as both) who operate and maintain the District's facilities 365 days per year.

## CONTAMINANTS IN WATER

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals, and in some cases radioactive material and can pick up substances resulting from the presence of animals or from human activity. Contaminants that may be present in source water include:

- Microbial contaminants, such as viruses and bacteria that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- Inorganic contaminants, such as salts and metals, that can be naturally-occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- Pesticides and herbicides that may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.
- Organic chemical contaminants, including synthetic and volatile organic chemicals that are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, agricultural application, and septic systems.
- Radioactive contaminants that can be naturally-occurring or be the result of oil and gas production and mining activities.

## STATE AND FEDERAL REGULATIONS

In order to ensure that tap water is safe to drink, the U.S. Environmental Protection Agency (USEPA) and the California Department of Public Health (Department) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. Department regulations also establish limits for contaminants in bottled water that must provide the same protection for public health.

The tables in this report list all of the drinking water contaminants that were detected during the most recent sampling for the constituent. The Department of Public Health allows us to monitor for certain contaminants less than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. Some of the data, though representative of our water quality, are more than one year old.

All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the USEPA's Safe Drinking Water Act Hotline at 1-800-426-4791.

## A NOTE TO THE IMMUNO-COMPROMISED FROM THE UNITED STATES EPA

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. USEPA/Center for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

## REGARDING LEAD IN DRINKING WATER

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Bella Vista Water District is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

## ARSENIC IN THE DISTRICT'S WATER

Analysis of the District's surface and well waters has shown that it contains low levels of arsenic (less than 10 parts per billion). The arsenic standard balances the current understanding of arsenic's possible health effects against the costs of removing arsenic from drinking water. The U.S. Environmental Protection Agency continues to research the health effects of low levels of arsenic, which is a mineral known to cause cancer in humans at high concentrations and is linked to other health effects such as skin damage and circulatory problems.

## ABOUT THE WATER QUALITY TABLES

Bella Vista Water District routinely monitors for constituents in your drinking water according to federal and state laws. The tables in this report show the results of our monitoring for the period through December 31, 2012. Where contaminants are monitored less than once per year, the values included in the report tables represent the results of the most recent analyses. In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms, the following definitions are provided:

*Non-Detects (ND)* - laboratory analysis indicates that the constituent is not detectable at current testing limits.

*Parts per million (ppm) or Milligrams per liter (mg/L)* - one part per million corresponds to one minute in 1.9 years or a single penny in \$10,000.

*Parts per billion (ppb) or Micrograms per liter (µg/L)* - one part per billion corresponds to one minute in 1,900 years, or a single penny in \$10,000,000.

*Picocuries per liter (pCi/L)* - picocuries per liter is a measure of the radioactivity in water.

*Microsiemens per centimeter (µS/cm)* is a unit for reporting the specific electrical conductance of the water.

*Nephelometric Turbidity Unit (NTU)* - nephelometric turbidity unit is a measure of the clarity of water. Turbidity (measured in NTU) is a measurement of the cloudiness of water and is a good indicator of water quality and filtration performance. Turbidity results which meet performance standards are considered to be in compliance with filtration requirements. Turbidity in excess of 5 NTU is just noticeable to the average person.

*Maximum Contaminant Level (MCL)* - The highest level of a contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically and technologically feasible. Secondary MCLs are set to protect the odor, taste, and appearance of drinking water.

*Maximum Contaminant Level Goal (MCLG)* - The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by the U.S. Environmental Protection Agency (USEPA).

*Maximum Residual Disinfectant Level (MRDL)* - The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

*Maximum Residual Disinfectant Level Goal (MRDLG)* - The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

*Public Health Goal or PHG* - The level of a contaminant in drinking water below which there is no known or expected risk to health. PHGs are set by the California Environmental Protection Agency.

*Primary Drinking Water Standards (PDWS)* - MCLs and MRDLs for contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements.

*Regulatory Action Level (AL)* - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

*Treatment Technique (TT)* - A required process intended to reduce the level of a contaminant in drinking water.

## 2012 RESULTS OF WATER QUALITY ANALYSES

Results of Sampling for Microbial Contamination					
Contaminant	MCL	Unit of Measurement	PHG (MCLG)	Highest Number of Detections	
				Treated Surface Water	Treated Well Water
1. Total Coliform Bacteria (Total Coliform Rule)	Presence of coliform bacteria in no more than one sample per month	presence/absence	0	None	None
2. Fecal coliform and <i>E. coli</i> (Total Coliform Rule)	A routine sample and repeat sample are total coliform positive, and one is also fecal coliform or <i>E. coli</i> positive	presence/absence	0	None	None
3. Fecal Indicators ( <i>E. coli</i> , enterococci or coliphage) (Total Coliform Rule)	Treatment Technique	n/a	n/a	None	None

Sampling Results Showing Treatment of Surface Water Source (Sacramento River)					
Contaminant	Performance Standard / MCL (Treatment Technique)	Unit of Measurement	Level Found	Range	Violations
4. Turbidity	(1) Shall at no time exceed 1 NTU	Based on measurements made at 4 hour intervals while the plant is in operation	Less than 1 NTU at all times	0.020 NTU to 0.135 NTU	None
	(2) Less than 0.1 NTU in 95% of the measurements taken each month	Lowest Monthly % of measurements meeting the standard	100	100	None
	(3) Reduction in turbidity of 80% or more	Average monthly percentage reduction in turbidity	98.1	96.9 – 99.8	None

*Note: Turbidity is a measure of the cloudiness of the water. We monitor it because it is a good indicator of the effectiveness of our filtration system.*

Sampling Results Showing the Detection of Contaminants With a <u>Primary</u> Drinking Water Standard							
Contaminant	MCL	PHG (MCLG)	Unit of Measurement	Sacramento River*		Well Water**	
				Average Value	Range	Average Value	Range
5. Gross Alpha	15	(0)	pCi/L	ND	-	0.4	ND - 2.1
6. Aluminum	1	0.6	ppm	ND	-	ND	All ND
7. Arsenic	10	0.004	ppb	2	-	4	2 - 6
8. Barium	1	2	ppm	ND	-	0.1	ND - 0.3
9. Chromium	50	(100)	ppb	ND	-	1	ND - 4
10. Fluoride	2.0	1	ppm	ND	-	0.1	0.1 - 0.4
<b>Sacramento River and Well Water</b>							
				2012 Highest Running Annual Average		2012 Range	
11. TTHM [Total trihalomethanes]	80	N/A	ppb	43		32 – 43	
12. HAA5- Haloacetic acids	60	N/A	ppb	44		32 – 52	

*Note: TTHM and HAA5 results are from samples collected from the Distribution System which may include water from both the river and wells.*

\* All results from the surface water source (which represents 99.3% of the water produced by the District in 2012) are from samples collected in 2012.

\*\*Well water results reflect the latest results taken from each well; the results include samples collected over the period 2003 through 2012. The dates of the latest samples may be obtained by contacting the District's office.

<b>Sampling Results Showing the Detection of Contaminants With a <u>Secondary</u> Drinking Water Standard</b> (Aesthetic standards, established by the California Department of Public Health - Division of Drinking Water)							
Contaminant or Analyte	MCL	PHG (MCLG)	Unit of Measurement	Sacramento River*		Well Water**	
				Average Level Detected	Range	Average Level Detected	Range
13. Foaming Agents (MBAS)	500	N/A	µg/L	ND	-	2	ND - 10
14. Total dissolved solids	1,000	N/A	mg/L	97	-	199	149 - 236
15. Specific conductance	1,600	N/A	µS/cm	121	-	316	245 - 399
16. Chloride	500	N/A	mg/L	4	-	36	11 - 56
17. Sulfate	500	N/A	mg/L	3.5	-	2.1	0.7 - 4.9

<b>Sampling Results for Unregulated Contaminants</b>							
(Unregulated contaminant monitoring helps the USEPA and the California Department of Public Health to determine where certain contaminants occur and whether the contaminants need to be regulated.)							
18. Boron	Notification Level = 1000 ppb	N/A	ppb	ND***	-	498	208 - 996
19. Vanadium	Notification Level = 50 ppb	N/A	ppb	4***	-	0.4	ND - 1

<b>Sampling Results for Sodium, Hardness and pH</b>							
20. Sodium	N/A	N/A	ppm	7	-	41	25 - 60
21. Hardness	N/A	N/A	ppm	48	-	60	40 - 87
22. pH	6.5 - 8.5	N/A	pH units	7.9	-	7.8	7.8 - 7.9

\* All results from the surface water source (which represents 99.3% of the water produced by the District in 2012) are from samples collected in 2012.

\*\*Well water results reflect the latest results taken from each well; the results include samples collected over the period 2003 through 2012.

\*\*\* Not sampled in 2012; the results include samples collected over the period 2002 through 2012. The dates of the latest samples may be obtained by contacting the District's office.

<b>Sampling Results Showing the Detection of Lead and Copper</b>						
Contaminant	PHG (MCLG)	Action Level (AL)	90 <sup>th</sup> percentile level detected	No. of samples collected	No. of Sites exceeding AL	Typical Source of Contaminant
Lead (ppb)	0.2	15	ND	32	0	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits
Copper (ppb)	300	1300	299	32	0	Internal corrosion of household water plumbing systems; erosion of natural deposits; leaching from wood preservatives

*Note: The District is required to conduct lead and copper sampling every three years. These results are from the most recent round of sampling conducted in June 2010.*

### Disinfectant Residuals found in the Distribution System during 2012

Contam- inant	MCL [MRDL]	Unit of Measure- ment	PHG (MRDLG)	Average Value	Range	Major Sources in Drinking Water	Health Effects
Chlorine	4.0 (as Cl <sub>2</sub> )	ppm	4	.93	0.26 to 1.44	Drinking water disinfectant added for treatment	Some people who use water containing chlorine well in excess of the MRDL could experience irritating effects to their eyes and nose. Some people who drink water containing chlorine well in excess of the MRDL could experience stomach discomfort.

MRDL = Maximum Residual Disinfectant Level (The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for the control of microbial contaminanats.)

MRDLG = The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

### TYPICAL SOURCES OF DETECTED CONTAMINANTS

Contaminant	Typical Source of Contaminant
1. Total Coliform Bacteria	Naturally present in the environment
2. Fecal Coliform and <i>E. coli</i>	Human and animal fecal waste
3. Fecal	Human and animal fecal waste
4. Turbidity	Soil runoff
5. Gross Alpha	Erosion of natural deposits
6. Aluminum	Erosion of natural deposits; residue from some surface water treatment processes
7. Arsenic	Erosion of natural deposits; runoff from orchards; glass and electronics production wastes
8. Barium	Discharge of oil drilling wastes and from metal refineries; erosion of natural deposits
9. Chromium	Discharge from steel and pulp mills and chrome plating; erosion of natural deposits
10. Fluoride	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
11. TTHM [Total trihalomethanes]	By-products of drinking water chlorination
12. Haloacetic Acids	By-products of drinking water chlorination
13. Foaming Agents (MBAS)	Municipal and industrial waste discharges
14. Total dissolved solids	Runoff/ leaching from natural deposits
15. Specific conductance	Substances that form ions when in water; seawater influence
16. Chloride	Runoff/leaching from natural deposits; seawater influence
17. Sulfate	Runoff/leaching from natural deposits; seawater influence
18. Boron	Laundry products, sewage, agricultural chemicals and fertilizers, coal combustion mining and glass and ceramics manufacturing
19. Vanadium	Natural sources and from the burning of fuel oils

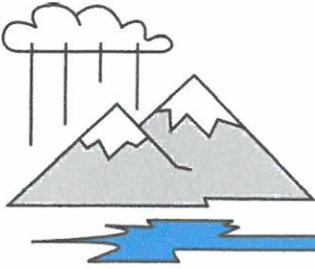
### OTHER TEST RESULTS OF INTEREST

Constituent	Description and Source Information
20. Sodium	Refers to the salt present in the water and is generally naturally-occurring
21. Hardness	Is the sum of polyvalent cations present in the water, generally magnesium and calcium. These cations are generally naturally-occurring.
22 . pH	The pH of a water is a measure of its hydrogen ion activity or acidity. By definition the pH of pure water is 7.0. The pH range of most natural waters is about 6.0 to 8.5.

## **YOUR VIEWS ARE WELCOME**

If you have any questions about this report, please contact Don Groundwater, your District Engineer, at (530) 241-1085, ext. 114. We want our valued customers to be informed about their water district. If you want to learn more, please visit the District's web site: [www.bvwd.org](http://www.bvwd.org) or attend any of our regularly scheduled Board of Directors meetings. The meetings are held on the fourth Monday of each month at 5:30 p.m. at the District office, located at 11368 E. Stillwater Way, Redding, CA 96003.

Bella Vista Water District is an equal opportunity employer and provider.



## BELLA VISTA WATER DISTRICT

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### PRESS RELEASE

May 20, 2013

A new California Irrigation Management Information System (CIMIS) weather station has been installed at Shasta College (#224) and is now on-line and providing accurate data to assist agricultural and landscape irrigators to accurately schedule irrigation applications. Efficient use of water resources benefits Californians by saving water, energy, and money. The new station installation and ongoing maintenance is through a cooperative agreement between the Bella Vista Water District, Shasta College and the California Department of Water Resources with funding through a WaterSmart Grant from the U.S. Bureau of Reclamation awarded to the Bella Vista Water District.

The California Irrigation Management Information System (CIMIS) is a program in the Office of Water Use Efficiency (OWUE), California Department of Water Resources (DWR) that presently manages a network of 238 automated weather stations in the state of California. CIMIS was initially developed in 1982 by the California Department of Water Resource and the University of California at Davis to assist California's irrigators manage their water resources efficiently.

Since the beginning of the CIMIS weather station network in 1982, the primary purpose of CIMIS was to make available to the public, free of charge, information useful in accurately estimating crop water use for irrigation scheduling purposes. Although irrigation scheduling continues to be the main use of CIMIS, uses have expanded to include the timing of new plantings as well as fertilizer, pesticide and herbicide applications. In addition to calculated reference evapotranspiration (ET<sub>o</sub>), data includes daily and hourly precipitation, solar radiation, minimum, maximum and average temperatures, soil temperature, relative humidity, wind speed and direction.

The Email Scheduler is a convenient feature of CIMIS that enables users to receive CIMIS data automatically via email. The Email Scheduler is accessed on the CIMIS website, where users fill in a form specifying the desired CIMIS information and it will be delivered automatically to the requested email address. Users only need to fill in the form one time in order to receive automatic updates.

For more information, or to access or sign up for emailed data, please visit:

<http://www.cimis.water.ca.gov/cimis/welcome.jsp>

Or contact:

Don Groundwater, District Engineer, Bella Vista Water District  
Leimone Waite, Horticulture Instructor, Shasta College  
Jamie Dubay, Associate Land and Water Use Scientist, DWR

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