



**MONTEREY PENINSULA
WATER MANAGEMENT DISTRICT**

5 HARRIS COURT, BLDG. G
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MONTEREY, CA 93942-0085 • (831) 658-5600
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SUPPLEMENT TO 11/16/09 MPWMD BOARD PACKET

Attached are copies of letters received between October 9, 2009 and November 4, 2009. These letters are also listed in the November 16, 2009 Board packet under item 26, Letters Received.

Author	Addressee	Date	Topic
William B. Burleigh	Darby Fuerst	10/18/09	Suspension of Water Permit
Ken Emanuel	Tim Miller	10/22/09	Petition for Change of Permit 7130B and Petitions for Extension of Time on Permits 7130B and 20808B – Carmel Valley Aquifer and Carmel River
Linda Zinn	Darby Fuerst	10/23/09	Hygroscopic Technology – Desalination

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OCT 21 2009

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WILLIAM B. BURLEIGH
1 Paso Hondo
Carmel Valley, Ca. 93924
831 659 5956
billburleigh@earthlink.net

MPWMD

October 18, 2009

Monterey, Ca.

App. 20090122BUR

APN 009-294-025


Dear Mr. Fuerst:

We have received your letter of Oct.9, 2009, advising us that you have suspended our water permit. We do not accept your suspension.

We received a well permit from Monterey County, #06-11306. that characterized our well as "Domestic - Single Connection". In reliance thereon, we expended well over two years and over \$100,000 in construction costs and constant permit fees, including the classic Distribution Permit to distribute our own water to us. We would not have spent the time or money if we had known you were going to suspend it because of a mistake the County made. This is a classic case of what the lawyers call "laches", in which a citizen suffers damage because of an unreasonable delay by a government agency causing the citizen detriment, in which the agency acquiesced in the delay. I suggest you refer this to your lawyer, and ask him/her to read Johnson, 24 Cal. 4th 61. I am sending a copy of this to the County Health Department with the same admonition.

I have spent over an hour preparing this letter, an hour I did not have available to lose. This upsets us very much. I suggest that it is in the best interests of the County and your Agency to recognize your mistake and rectify it by withdrawing your suspension and issuing the permanent well permit. It would save both public agencies a enormous amount of time, and the taxpayers tens of thousands of dollars. Water is important.

Very truly yours,


William B. Burleigh

Anne Burleigh
Anne Burleigh, Owner of well

cc: County Health Department



State Water Resources Control Board



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Linda S. Adams
Secretary for
Environmental Protection

Division of Water Rights
1001 I Street, 14th Floor ♦ Sacramento, California 95814 ♦ 916.341.5300
P.O. Box 2000 ♦ Sacramento, California 95812-2000
FAX: 916.341.5400 ♦ www.waterboards.ca.gov/waterrights

Arnold Schwarzenegger
Governor

OCT 22 2009

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In Reply Refer
to:KE:11674B

California-American Water Company
c/o Tim Miller
1033 B Avenue, Suite 200
Coronado, CA 92118

OCT 26 2009

MPWMD

Dear Mr. Miller:

PETITION FOR CHANGE ON PERMIT 7130B (APPLICATION 11674B) AND PETITIONS FOR EXTENSION OF TIME ON PERMITS 7130B AND 20808B (APPLICATIONS 11674B AND 27614B) OF MONTEREY PENINSULA WATER MANAGEMENT DISTRICT TO APPROPRIATE WATER FROM CARMEL VALLEY AQUIFER AND CARMEL RIVER, TRIBUTARY TO PACIFIC OCEAN IN MONTEREY COUNTY

The Division of Water Rights (Division) has received two letters dated September 29, 2009, requesting your protests against Monterey Peninsula Water Management District's Petition for Change and Petitions for Extension of Time pursuant to the above water right permits be withdrawn. Accordingly, your protests are dismissed.

If you have questions regarding this letter, please contact me at (916) 341-5317 or via email at kemanuel@waterboards.ca.gov.

Sincerely,

Ken Emanuel
Environmental Scientist
Inland Streams Unit

cc: Monterey Peninsula Water
Management District
P.O. Box 85
Monterey, CA 93942-0085

California Environmental Protection Agency



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October 23, 2009

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Dear Mr. Fuerst,

I read today in the Herald that you are exploring "The least costly & least disruptive way" to comply with the cease & desist order. Have you heard of the technology mentioned in this article I clipped 3 years ago? Would it help the Monterey area? Maybe it's too simple.....

Could you look into this & let me know your thoughts?

Sincerely,

Funda Zinn

tel. 831-620-0540

or

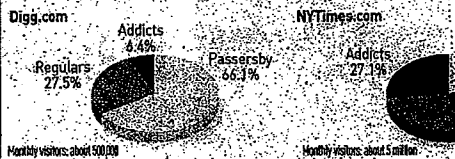
626-405-9935

Carmel address:
24510 Pescadero Road
Carmel, CA. 93923.

Courting The Regulars

Digg.com, rumored to be in talks with News Corp., is being touted as a threat to traditional news outlets. But the site lags its older counterparts in overall audience — and in wooing the loyal audiences advertisers crave.

Source: iStockphoto

Audience makeup, by frequency of visits**INTERNET & T****A Miracle? It's Water Out Of Air**

FEMA, military among first customers for new hygroscopic technology

BY J. BONASIA
INVESTOR'S BUSINESS DAILY

When Scott Morris took over as Florida's head of the Federal Emergency Management Agency in 2004, the state was reeling from the effects of a nasty hurricane season.

Morris recalls costly efforts to deliver clean drinking water to mobile medical teams and others in hard-hit areas. Back then, he wished his crew had access to what he now calls "the water machines."

Two months ago, the FEMA staff in Florida bought two 40-foot trailers that can extract thousands of gallons of water from the air, Morris said. "We're fascinated with this technology and very excited by its potential."

The technology uses a patented, natural salt-based solution that's hygroscopic. That means it's highly attractive to moisture. It literally strips water molecules from the atmosphere, rather than condensing the droplets on cold coils like a standard household dehumidifier.

The new water system nets FEMA with 2,500 gallons of water from the air each day. The cost is about 15-30 cents per gallon, compared with 15 or more per gallon to truck water to disaster sites.

The new water system comes in trailers with generators and containers to package the water. The system includes a reverse-osmosis device, itself not a new technology, that can squeeze 12,000 more fresh gallons per day from nearby sources of brackish water.

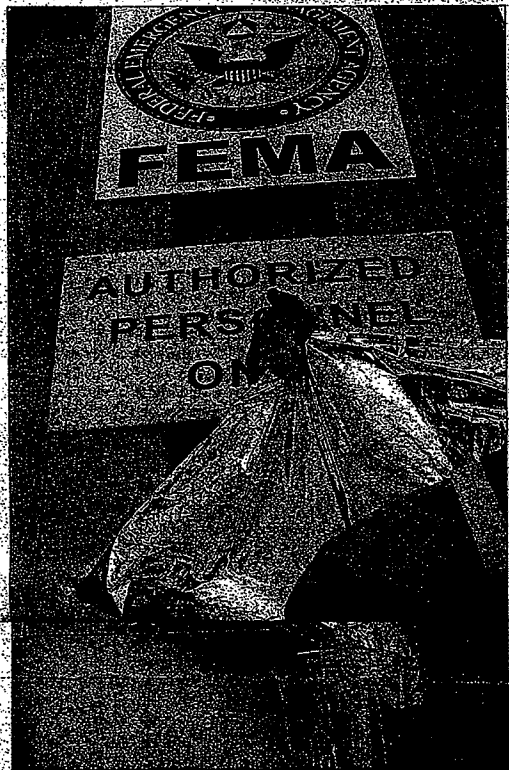
Well Water A Concern

FEMA hopes to anticipate future storms and get the trailers out to sites before disasters strike. This should also allow FEMA to send fresh water to remote areas. For instance, even when bridges wash out in the Florida Keys, a trailer could be delivered via barge or helicopter.

"This is a big concern for rural communities in Florida that use well water," Morris said. "In the case of storm-water events, those wells can quickly become contaminated."

Aqua Sciences, a privately held firm based in Miami, developed the water-harvesting process. The system is so efficient that it even works in low-humidity desert settings such as Africa or the Middle East, says Abe Sher, the founder and chief executive of Aqua Sciences.

"We're not going to any existing source of water," he said. "We're going to the sky."



A FEMA official squeezes fresh water from a pouch, part of a water extraction system the agency bought from Aqua Sciences for use in emergencies.

wine one each year, from lack of good water, according to the United Nations. This new hygroscopic breakthrough could be a lifesaver for many, Sher says.

"The problem of water scarcity affects everyone on the planet," he said. "Yet, our atmosphere surrounds the whole planet, and it's the last untapped source of water in the world."

Some of the world's largest companies have gotten active in aspects of the fast-rising water industry. They include General Electric[®], Siemens[®], Suez[®] and Vivendi.

Aqua Sciences expects demand for its system to spread beyond disaster relief. Other possible markets include systems for humanitarian aid, commercial uses for homes and businesses, and military applications.

The U.S. Army's Tank-Automotive Research, Development and Engineering Center already is an Aqua Sciences customer. Tardac has a contract with Aqua Sciences to develop and test the system for military uses.

Soldiers in a desert setting require three gallons of water per day each, at a weight of more than eight pounds per gallon. That creates a big logistical burden and cost for the military. Also, water tanker convoys are targets for attacks in Iraq.

Aqua Sciences' new water systems also could transform rural villages wracked by poverty and disease, says Ron Pernick, the head of Clean

clean technologies. He says more than 1 billion people around the globe lack a steady source of potable water. "Conceptually, this is a very compelling solution," Pernick said.

The hygroscopic technology does not work like a desalination plant, which takes the salt out of seawater. Desalination is expensive, with plants costing up to \$1 billion.

Twist On Usual Method

Rather, Aqua Sciences uses a salty solution to take water out of the air. It behaves much as salt in a shaker acts like a sponge, clumping up on humid days. The salt also helps to keep water clean, as it is a natural decontaminant.

Systems for filtration or desalination are based on cleaning up old sources of non-potable water. The new water plants do just the opposite — they extract new clean water from air.

"Our product starts out with pure water, so our goal is to keep that water pure and clean, not to clean up dirty water or salty water," Sher said.

Morris says he expects that FEMA in Florida can pay off the \$1 million price tag for its two mobile water systems within four days of a disaster response, due to the greatly reduced cost of water.

"This is the type of technology that the government has to look into," he said. "I want to get this technology battle-tested, to show

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