Regenesis Receives Patent on Hydrogen Release Compound (HRC®)

Regenesis, based in San Clemente, California, was recently granted a patent for its Hydrogen Release Compound (HRC®). HRC is a proprietary polylactate ester used for the purpose of accelerating reductive bioremediation processes that degrade chlorinated contaminants, nitroaromatics and oxyanions in groundwater and saturated soils. HRC also has the capability to remove certain metals from the subsurface through the facilitation of precipitation reactions.

According to the company, a time-release feature of HRC allows relatively low concentrations of hydrogen to be released slowly, for periods of one to two or more years, optimizing biodegradation rates. The slow, low-concentration release of hydrogen may also prevent unwanted buildup of potentially dangerous gases, such as methane, in the subsurface.

HRC is applied with direct-push injection, and has been used on more than 350 sites in the United States. According to Regenesis, HRC is effective on contaminants ranging from PCE and explosives to chromium and perchlorate.

Visit http://www.regenesis.com/

Cadiz Storage Project Vetoed by Metropolitan Water District

On Oct. 8, the board of the Metropolitan Water District (MWD) of California elected to forego the Cadiz Water Storage and Supply Project. This decision came just over a month after the U.S. Department of the Interior gave its final approval on the project. According to a press release by the MWD, the action was taken because of dramatically changed conditions on the Colorado River, making it unlikely that there would be sufficient surplus water to store as the proposed program anticipated in the near-term.

Visit www.mwd.dst.ca.us/

Knight-Piesold Quantifies Southwestern Water’s Colorado Reserve

Southwestern Water Exploration Company’s engineering consultants, the firm of Knight Piesold, has completed its full review of the large fresh water reservoir discovered deep underground in Colorado. The Knight Piesold estimate is that the Southwestern Water reservoir contains at least 300,000 acre-feet of water. The reservoir can produce, according to the same engineering analysis, 3,000 to 6,000 acre feet of water per year, enough to supply the water needs of a town of around 10,000 people. At this rate of production, the Southwestern Water reservoir will last for a minimum of 100 years.

The price of water in this region of Colorado is currently averaging $15,500 per acre-foot for Colorado Big Thompson (CBT) delivery.

To bring this reservoir more rapidly into production, Southwestern Water has retained the services of independent water appraisers and water brokers to sell the production on an annualized basis.

Southwestern Water is also now actively investigating the potential of two additional aquifers the company has located underground in Colorado. These are expected to contain deposits of fresh water similar or greater in size to the discovery in early 2002.

In addition, Southwestern Water also recently completed a private placement of 100,000 shares of its treasury stock (Rule 144) at a price of $1.50 per share. The purchaser also received warrants to purchase an additional 600,000 shares at $2.50 per share over the next three years. These funds will go toward Southwestern Water’s planned development of a large underground water aquifer in south Texas.

Contact Steven Misner or Thomas Lenney at (800) 661-9169 or www.southwesternwater.com

Contact Dr. Gregory P. Miller at gmiller@dbstephens.com or (505) 822-9400.
Clear Creek Associates Moves to Tucson Landmark

Clear Creek Associates, an Arizona hydrogeologic consulting firm, has expanded its Tucson office space in the city’s downtown area. Founding partners Doug and Lori Bartlett, along with Tucson office manager Mike Alter, invested in a bit of old Tucson history by purchasing the landmark Old Stork Building (sometimes referred to as “the Stork’s Nest”), in the El Presidio Historic District. The adobe building was reportedly built in 1882 as a private residence and acquired its present-day name in 1922 after one of its former owners turned it into Tucson’s first maternity ward. It remained a maternity ward until 1945. Clear Creek moved into the new quarters on 221 North Court Avenue in late August.

Visit www.clearcreekassociates.com

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