



Volume Two, Number Three, October 2009

### **City of Golden Residents Participate in IES Contaminants of Emerging Concern Project Survey and Outreach**

While much scientific research has studied the concentration, fate, and effects of waterborne contaminants of emerging concern (CECs), very little has examined the human side of the equation, where many CECs originate from the household and personal care products we use every day. IES's Contaminants of Emerging Concern Project recently began studying consumer behavior by conducting surveys in the City of Golden to measure citizens' product choices and use, and their perceptions of these actions, as they relate to CECs. A second round of surveys will be conducted after the Golden CEC education campaign to measure its effectiveness in changing citizens' choices, behavior, and levels of awareness. This program will educate Golden residents about personal care and household products that contain CECs and contaminant precursors, and about ways citizens can change their habits and reduce downstream water pollution. To volunteer or for more information, please contact CEC project coordinator Sara Klingenstein, Sara@i4es.org.



### **Trees Get New Life**

*The Golden Informer*, the City of Golden's monthly newsletter, September 2009 issue [www.cityofgolden.net/files/InformerSeptember2009\_web.pdf], included a full-page article about a major tree re-planting program implemented in Golden under the guidance of IES's Strategic Tree Planting Plan for Environmental Improvement. The newly planted trees, rescued by the City of Golden from destruction by a road project, will provide energy conservation and other environmental benefits to Golden facilities.

Another article about IES's Tree Project - Integrated Urban Environmental Improvement Through Tree Selection and Management was published in *Exposures*, the quarterly publication of the Colorado Chapter of the American Society of Landscape Architects, September 2009 [www.aslacolorado.org]. "Can Strategic Tree Planting Improve Stormwater Management in the Front Range?" by Ryan Moore describes the significant stormwater management benefits that trees can provide when planted and maintained strategically.

### **"Emerging Contaminants" are now "Contaminants of Emerging Concern"**

In August, the IES Emerging Contaminants Steering Committee unanimously approved changing the project name to Contaminants of Emerging Concern (CEC). It was decided that "Contaminants of Emerging Concern" more accurately reflects the nature of the issue: the presence of these contaminants is no longer emerging, but certain. Rather, it is the awareness, understanding, and resultant concern over these chemicals that is emerging, rather than their presence in the environment.

### **City Trees Gain Status in U.S. Congress**

In July, the U.S. House of Representatives Energy and Commerce Committee approved H.R. 2454, The American Clean Energy and Security Act. The Act supports urban forests as a means to "set forth a national strategy to address barriers to the commercial-scale deployment of carbon capture and sequestration" while also addressing industrial production of atmospheric carbon. Urban forests are specifically mentioned as programs which create "changes in carbon stocks attributed to land use change and forestry activities" due to reduction of greenhouse gas emissions or increased sequestration of greenhouse gases. The Act calls for an

Offsets Integrity Advisory Board to develop a program to issue offset credits, and specifies fund and resource allocations for projects that include carbon capture and sequestration technology.

### **Contaminants of Emerging Concern and The Tree Project on the Road**

Carol Lyons, IES Executive Director, gave six presentations about IES projects this summer.

- Consortium for Research and Education on Emerging Contaminants (CREEC), June 11, Denver (invited)
- Colorado Water Roundtable, July 23, Denver (invited)
- 2nd International Conference on Occurrence, Fate, Effects, and Analysis of Emerging Contaminants in the Environment, Fort Collins, August 7 (EmCon 2009)
- RMSAWWA/RMWEA, 2009 Joint Annual Conference, Albuquerque, September 14
- Western Colorado Community Forestry Conference, Carbondale, September 18
- 2009 Sustaining Colorado's Watersheds Conference, Vail, October 8 (invited)

Copies of IES presentations and articles are available at the IES website, [www.i4es.org](http://www.i4es.org).

### **Introducing New IES Team Members**

IES welcomes two outstanding graduate student interns to The Tree Project. Barbara Bonner is working on an M.A. in International Development with a concentration in Environmental Sustainability at the University of Denver (DU). She has a B.A. in Political Science from Christopher Newport University, Newport News, VA. Barbara comes with experience working at the U.S. Department of Homeland Security and the U.S. Army.

Abby Fulton is working on Master's of Applied Science in Environmental Policy and Management at DU. She has a Bachelor of Arts and Sciences in Communication Management from the University of Dayton, Dayton, OH. Abby has several years of experience in Government Affairs with a professional trade association in Chicago.

The CEC project team is delighted to welcome Susan K. Sherrod, Ph.D. Susan's doctorate is in Environmental Biology from CU-Boulder (1999). She has several years' experience as an environmental consultant with Bamberg Ecology (Denver) and ecology instructor at CU-Boulder, CU-Denver, and the University of Denver.

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