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DIGESTED news

Celebrating 50 Years of Clean Water

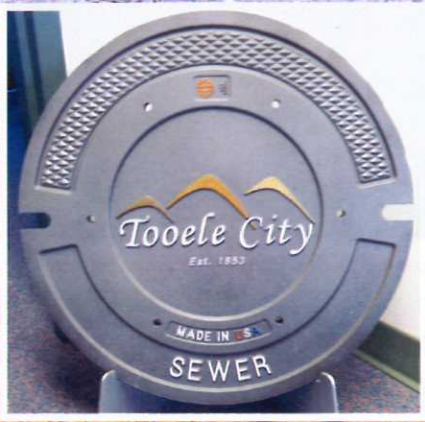


Tooele City makes top 10

Cedar Water Reclamation Facility
1997 West 1000 South
Ogden, Utah 84408
Address subject to change without notice

INSIDE:

2013 NWEA/WEAU Joint Conference – May 1-3, St. George, Utah



Tooele City makes top 10



From June to August 2012, *Water & Wastes Digest* magazine encouraged project leaders to submit entries showcasing industry-specific projects in design or construction during the past 18 months. The different projects ranged from \$950,000 to \$80 Million dollars. Of the many projects submitted, Tooele City's Facility Upgrade was chosen as one of the 'Top Ten' projects in the nation.

Tooele City's water reclamation plant is a reuse facility utilizing 100% of the effluent for Type I reuse. The goal of the project since conception has been to reuse all of the city's resources to extent

possible. This included the biosolids as well as the effluent water. The project consisted of upgrades to the biosolids handling and the disinfection systems.

Disinfection was originally accomplished by addition of sodium hypochlorite generated on site. Ultraviolet disinfection was selected for the upgrade based on several factors. The most driving factor was the difficulty in maintaining a chlorine residual just over 1ppm. The UV system provides a more consistent dosing method and therefore it is more efficient. Ozonia's 3X ultraviolet system was chosen for the upgrade.





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When considering options for the biosolids project it was important to obtain the goal of 'Complete Reuse.' Only systems that would insure beneficial use of the biosolids were considered. The city eventually determined that solar drying of biosolids fit the goal best by providing beneficial use of the biosolids and reducing the operation cost and carbon footprint of the plant. The city selected the Huber system for solar drying, which provides both Class A and Class B biosolids at the same time reducing operating costs. This is the first installation for the Huber system in the nation.

To the read the complete article 'Google' 2012 Top Water & Wastewater Projects. [en](#)

Complete List of Top Water & Wastewater Projects of 2012

- Brucejack Mining Camp Wastewater Treatment System Project
- City of Oxnard Advanced Water Purification Facility Project
- Dodge City Water Reclamation Facility Beneficial Reuse Project
- Leo J. Vander Lans Advanced Water Treatment Facility Expansion Project
- Narragansett Bay Commission Field's Point WWTF Wind Farm Energy Project
- Pukalani Wastewater Reclamation Facility Upgrade Project
- Two Bridges Sewerage Authority UV Disinfection Facilities Project
- Tooele Water Reclamation Facility Upgrade 1B Project
- Washington County Service Authority South Fork Intake & Middle Fork WTP Expansion Project
- City of Weatherford Customer Service & Efficiency Improvement Project

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