



ENVIRONMENTAL PROJECTS
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THE CITY OF SANTA ROSA GENERATES FUEL FROM AQUATIC BIOMASS

Santa Rosa, CA – The City of Santa Rosa officially launched its Fuel from Aquatic Biomass (F.A.B.) Project on Monday May 10, 2010 at the Laguna Treatment Plant. The event was attended by many key players who helped bring this award-winning project into being. Dignitaries included Congresswoman Lynn Woolsey, City Manager Wayne Goldberg, Mayor Susan Gorin, Board of Public Utilities Chairman Dick Dowd and many other elected officials, key staff and members of the press.

The ribbon cutting event included a project overview, outcomes and a site tour. The first phase of this project began in 2007 in collaboration with Sonoma State University. Channelized Aquatic Scrubbers were built to demonstrate the water-purifying capacity of aquatic vegetation in wastewater and produce renewable energy to charge the City's growing electric vehicle fleet. Thanks to grants from the Bay Area Air Quality Management District (BAAQMD) and the California Energy Commission (CEC), the City was able to build Phase II of this project. Two anaerobic digesters were built to produce methane-rich biogas from the harvested biomass. The methane will be captured from the digesters and used for on-site power and to charge electric vehicles.

The City's fuel from aquatic biomass technology has the potential to provide other municipalities with a renewable energy source that increases water quality, improves air quality by capturing greenhouse gases, and provides a healthier environment for residents.

This project has won four awards. For more information please visit: www.srcity.org/fab

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