



Bay Area Biosolids to Energy Coalition
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Bay Area Biosolids to Energy Coalition Appoints Executive Director

Antioch, CA – The Bay Area Biosolids to Energy Coalition (the Coalition) is proud to announce the appointment of Paul Kelley to their newly created position of Executive Director.

The Coalition comprises nineteen public agencies which represent four million residents in the San Francisco Bay Area. They are actively addressing local biosolids management issues by exploring opportunities to generate clean, renewable and sustainable new energy sources which will directly benefit Bay Area communities, the environment and our economy. Specifically they are working to identify established and emerging technologies to repurpose biosolids, the end result of wastewater treatment processing, into essential commodities such as fuel and electricity.

“Paul was the natural choice to help take the BAB2E project to the next level” said Gary Darling, General Manager of Delta Diablo Sanitation District, the lead agency for the Coalition.

“Paul’s experience as a Director of Sonoma County Water agency and member of the Sonoma County Board of Supervisors provides him with an appreciation of the social, political and policy opportunities and issues within the clean water industry which will be essential to the success of a regional resource recovery project of this scope.”

The San Francisco Bay Area generates over 158,000 dry metric tons of biosolids annually - enough to fill AT&T ballpark to 51 feet. Currently, the nineteen agencies provide their biosolids as fertilizer for agricultural use or as cover at local landfills. However, due to reduction in landfill availability; changes in regulatory conditions for land application of biosolids; and, greenhouse gas emissions associated with hauling the biosolids great distances, current biosolids recycling options are becoming less viable.

Moreover, significant potential exists for the public wastewater sector to help achieve state and federal goals to meet electricity and low carbon fuel needs with renewable sources. Across the San Francisco Bay Area, agencies have implemented individual programs to capture methane gas through anaerobic digestion. However, the biosolids still retain energy content after digestion. The Coalition is collaborating to capture the energy within their biosolids on a larger scale and in a more effective and efficient method for public and/or commercial uses.

With a grant of nearly \$1M from the California Energy Commission and a research demonstration project being set up at Delta Diablo Sanitation District in Antioch, the Coalition has reached an important milestone. The appointment of an Executive Director is intended to help progress these innovative leaders toward their goal of implementing a biosolids processing facility(ies) that maximizes energy production while significantly reducing the carbon footprint of current biosolids management practices.

Serving on a range of boards and committees for water, sanitation and transportation, Mr. Kelley comes to the Coalition with vast expertise leading renewable energy efforts including solar, landfill gas to energy, and Carbon Free Water by 2015 initiatives.

“I am thrilled to be Executive Director of the Coalition at this time, and I look forward to using my unique experience background and leadership to help the Bay Area Biosolids to Energy Coalition attain its goal of converting biosolids to energy.” said Paul Kelley, Executive Director

The current Coalition members are: Central Marin Sanitation Agency; City of Burlingame; City of Livermore; City of Millbrae; City of Richmond; City of San Jose; City of Santa Rosa; Delta Diablo Sanitation District; Dublin San Ramon Services District; Fairfield-Suisun Sewer District; Ironhouse Sanitary District; North San Mateo County Sanitation District; Palo Alto Regional Water Quality Control Plant; San Francisco Public Utilities Commission; Sausalito Marin City Sanitary District; South Bayside System Authority; Union Sanitary District; Vallejo Sanitation & Flood Control District; and, West County Wastewater District.

More information on the Coalition can be found at www.bayareabiosolids.com