

Silicon Valley Clean Water (SVCW) is Moving Forward with One of the Bay Area's Most Creative Biosolids Projects as a Result of a Three-Year Study that Demonstrates the Success of a New Process that Uses Very Little Energy to Dry Biosolids

Date: July 25, 2016

Highlights:

- SVCW has entered into an agreement with BioForceTech, Inc., for a full service biosolids disposal contract.
- SVCW was approached in 2012 by BioForceTech, a firm from Italy, with a new process that uses very little energy to dry the biosolids. They were looking for a partner in the United States to test their process, with the ultimate goal of installing a facility utilizing their equipment in this country. SVCW agreed to work with them in the testing process and to evaluate the potential for a full-scale installation at the Authority's site.
- The testing has gone very well. Beginning with a successful pilot plant and then a successful full scale drying unit, the BioForceTech process had proven successful and resulted in the outcome they expected and promised.
- SVCW negotiated a 10-year service contract with BioForceTech. The proposed contract calls for them to build, operate and maintain a facility that is capable of drying and disposing of approximately one-half (50%) of the biosolids produced by SVCW today. SVCW will provide a level site and utilities for the facility at the treatment plant.
- From an operational standpoint, the financial impact over the long term is expected to save SVCW money. Also, with the electricity that will be produced by the BioForceTech system and used in the treatment facility, additional money will be saved. The quantity and reliability of power generated will be determined as the facilities come on line. An added benefit of the BioForceTech process is the elimination of many truck trips from the SVCW facility to the out-of-county disposal locations. It is estimated that over 500 truck trips per year will be eliminated due to the drying and power production onsite versus disposal at the current offsite locations.