|  |  |
| --- | --- |
| Biosolids Committee –  Report to BACWA Board | Biosolids Committee meeting on: January 21, 2016  Executive Board Meeting Date: \_\_\_\_\_\_\_\_\_\_\_  Committee Chair : Karla Guevarra and Alicia Chakrabarti |

**Committee Request for Board Action: None.**

|  |
| --- |
| **Agenda Item: Biosolids Usage Updates (All)**   * Karla Guevarra announced that the TPAD system at the Oceanside WWTP started up this week. * Silicon Valley Clean Water (SVCW) sends biosolids to Synagro now but will send half their biosolids to the Bioforce facility once it is operational. |
| **Agenda Item : Committee Direction**   * Alicia Chakrabarti noted that the committee has focused in the last year on touring area facilities with new solids handling equipment, but these opportunities are waning. * A natural progression would be for the group to conduct up to two facility tours per year and hold the remaining meetings at alternating, central locations. * This year the following facilities will be constructed and available for touring:   + Bioforce full scale facility at SVCW   + Lystek at Fairfield Suisun Sanitary District   + TPAD at SFPUC’s Oceanside facility * Group discussed info sharing online. It was noted that the BACWA website is being revamped. The issue of the listserve not being visible to the committee chairs will be fixed soon. One of the other committees uses Google groups as a communication platform. For information sharing, success would likely depend on a gatekeeper who moderates the participants. |
| **Agenda Item:**  **FOG/Food to Energy (F2E) Station Tour**   * Robert Cole and Mary Jo Ramey of CMSA gave a presentation regarding the FOG/Food to Energy (F2E) program.   + The F2E program currently has 134 restaurants participating out of a target maximum of 250.   + Restaurants dispose of pre-consumer food waste through the Marin Sanitary Service collection service.   + Material is pre-processed at the Marin Sanitary Service center   + Marin Sanitary trucks the material to CMSA where it is then mixed with FOG in the tank with chopper pumps for additional processing and then through a rock trap grinder and to the paddle finisher.   + The daily average FOG loading is approximately 10,000 gallons per day and food waste 6.5 tons/day.   + The program includes monitoring of digester performance. Digester gas generation has increased since the addition of FOG and food waste, with no detrimental effect to digester chemistry.   + There has been no notable increase to the amount of digestate as a result of the program.   + The success of the program is due in part to the public-private partnership with Marin Sanitary Service. * The group toured the CMSA FOG/F2E Station, which includes a blend tank, chopper pumps, rock trap grinder, paddle finisher, and odor scrubber. |
| **Next BACWA Biosolids Committee Meeting:** April 21, 2016 at Fairfield-Suisun Sanitary District (Lystek facility) |

**Attendees:**

|  |  |
| --- | --- |
| **Name/Title** | **Agency** |
| Tracy Chouinard | Avila Consultants |
| Robert Cole | Central Marin Sanitation Agency |
| Mary Jo Ramey | Central Marin Sanitation Agency |
| Irina Lukicheva | CH2MHill |
| Alicia Chakrabarti | East Bay Municipal Utility District |
| Rebecca Overacre | East Bay Municipal Utility District |
| Gerardo Aguirre | Sacramento Regional Wastewater Treatment Plant |
| Debra Buckmann | Sacramento Regional Wastewater Treatment Plant |
| Karla Guevarra | San Francisco Public Utilities Commission |
| Arvind  Akela | Silicon Valley Clean Water |
| Teresa Herrera | Silicon Valley Clean Water |