

RMWEA BIOSOLIDS COMMITTEE

March 19, 2008

***Attendees:** Nikki Stefonick, MWRD; Luke Bond, Parker Ag Services; Robert Brobst, US EPA; Kenan Diker, CDPH&E; Pat Dowell, MWRD; Derya Dursun, Brown & Caldwell; Michael Ford, Bobcat of the Rockies; Grant Grover, City of Longmont WWTP; Sharon Henderson; Deanne Kelly, Tri Country Health; Tim Larson, Liquid Waste Management; Jim Medlock, Littleton/Englewood WWTP; David Quarles, Parker Ag Services; Dennis Schump, City of Greeley; Rahul Subramanian, MWH Engineers.*

1. November 13th Seminar

This is a one day seminar that serves as the main fund raiser for the RMWEA Biosolids group.

- ❖ Location: In order to decide on the location, the subcommittee toured 3 hotels. Final decision has not been made, waiting for food minimum quote from one of the hotels.
- ❖ Agenda: Agenda items were discussed. Robert Brobst asked for the opinions of the committee members and proposed the optional items
 1. Fate of Endocrine Disruptors: (afternoon session-12.:30-4:30 pm) want to present information (microbiology of EDC's, destruction, effect of UV and pH changes) to initiate information flow. Possible speakers:
 - Jorg Drewes – CSM
 - Thomas Borch – CSU
 - Mary Stromberger – CSU
 2. Hot topics (morning session-8:00-12:00) want to present more general topics. Possible topics :
 - Salinity Issues, possible speaker: Chip Elliot (NRCS) on phosphorus and new 590 code for biosolids.

If you have any ideas/suggestions on other possible topics for morning session, please get in touch with Robert Brobst.

2. Recent AP Article on Biosolids (Augusta, GA)

Robert Brobst shared his opinion on this topic with Committee Members and suggested everyone to read the case decision. He questioned the qualification methods and the quality of the data for City of Augusta and he pointed out the fact that this was a unique claim. EPA will tell USDA where they stand in terms of supporting an appeal in the next week.

Steve Frank from MWRD typed a draft response for use from questions regarding the article that utilities may get. Nikki distributed the response to everyone.

Robert Brobst told that he would send the judge's decision to Nikki. Anyone who is interested in this case can send an e-mail to Nikki to get the case decision.

3. Salinity Analysis of Biosolids-Project Update

Kenan Diker and Robert Brobst are currently carrying out a project in Colorado. The project aims to be proactive and gather information/data now on EC in biosolids. It is a current issue in California and since trends move toward Colorado from CA, they think it will be an important issue in the future for Colorado. Therefore, Kenan said that the State would like to start collecting information. They are still working on determining the analytical methods to measure salinity in biosolids & compost.

4. WEF Residuals and Biosolids Conference

This year, the conference will be held March 30th – April 2nd in Philadelphia. Several Committee members are that attending the conference. This will be a great opportunity to get to know the recent developments in the area, share the information with people and also look for possible topics for our November 13th Seminar. Their feedback after the conference will be highly appreciated.

5. Boulder School

Jim said that 10 people registered for the class. He will provide the details of the location to instructors (Omni Resort-Around Highway 36). Two tests will be given to biosolids operators during this course. On Wednesday, a 100 question, general alpha test will be carried out (Class I). On Friday, an intermediate level (Class II) beta test with 100 questions will be given to managers. People, who do not feel comfortable to take the test, do not have to take the Class II test. The questions were prepared from the White House Document (pathogens), EPA 503's, and the Manual of Good Practice. This 5-day training is focused around biosolids operators and managers. At the end of this training, the attendees will have enough information to run a biosolids program.

6. Others

- a) Robert Brobst raised attention to a new journal article titled as "Bioaccumulation of Pharmaceuticals and Other Anthropogenic Waste Indicators in Earthworms from Agricultural Soil Amended with Biosolids or Swine Manure" which was published in Environmental Science and Technology by the USGS. He suggested the members reading the article check the unit conversions.
- b) Kenan notified that there would be an informational hearing on July 14th at CDPHE campus Bldg. A regarding biosolids delegation. The hearing will be open to public.
- c) Sharon recommended looking at a proposed fee bill to the CDPHE. She also attended a WESTCAS conference in Albuquerque. She said that they would like to get information from Colorado and find out what is going on in this region with

regards to biosolids. She asked if it was possible to link the Biosolids Committee website on the WESTCAS website.