

RMWEA BIOSOLIDS COMMITTEE

July 16, 2008

Attendees: Nikki Stefonick, MWRD; Pat Dowell, MWRD; Deanne Kelly, Tri Country Health; Dennis Schump, City of Greeley; Dave Oerke, RTW Engineers; Angel Foster, MWRD; Dave Myers, Kennedy & Jenks; David Quarles, Parker Ag; Donna Hull, MWRD; Jim Medlock, Littleton/Englewood; Kenan Diker, CDPH&E; Paul Heppler, City of Boulder; Bob Brobst, EPA; Steve Frank, MWRD; Tim Larson, Liquid Waste Mgmt; Tom Dingeman, City of Greeley; Amy Woodis, MWRD; Arlisa Michael, MWRD; Paul Bremser, City of Louisville; Sharon H. Davis, Brown & Caldwell

1. **“State of Biosolids Recycling in Colorado” Presentation by Kenan Diker, CDPH&E**

Kenan made a presentation about biosolids recycling in Colorado. Several items were included in his presentation:

- Biosolids totals & final dispositions
- Biosolids Fees collected
- Status of Notice of Authorizations (NOA)
- Metals Comparisons to EPA Region VIII and National levels
- Inspection program
- Update from National Regulator Workshop in Washington D.C.

There was discussion throughout the presentation on what the CDPH&E plans to do with the information presented. CDPH&E will eventually have Annual Report information online, maps of active, permitted sites, and a cheat sheet of acronyms used.

Kenan plans to give a very similar presentation at the Joint Annual Conference in Colorado Springs in September. Suggested edits were made to Kenan for improving the detail provided in the presentation. These suggestions included:

- Improving biosolids fees slide/chart with two y axis (tons & fees) with years being on the x axis
- Label counties on map of Colorado
- Include dryland vs. irrigated acres
- Include arable acres of biosolids applications vs. arable acres in Colorado
- Include which counties currently do inspections for CDP&E
- Compare pathogens in addition to metals for EPA Region VIII & nationally
- Include Table 1 vs. Table 3 and numbers of municipalities fall into each category
- Include cake vs. liquid information

The presentation is attached with these minutes.

2. **November 13th Workshop**

The workshop will be held at the Double Tree on I-70 & Quebec (Stapleton). Bob Brobst has secured speakers and has set the agenda. The focus of the workshop will be Pharmaceuticals and Personal Care Products (PPCP). Presentations will include:

- Background on PPCPs and EPA's vision forward
- Wastewater treatment maximizing removal of PPCPs
- How we detect PPCPs and what we have found
- Therapeutic agents as emerging contaminants: Persistence and impact on soil microbial communities
- Fate of steroid hormones
- Possible WERF update during lunch

The workshop will encompass PPCPs in both wastewater and biosolids. Presenters will consist of the EPA, Colorado State University and the USGS. Budget issues were also discussed in the meeting. Some suggestions have been sent in but keep them coming! Please send your suggestions to Nikki.

3. August Meeting Location Change & Tour

The August 20th meeting will be held at the Boulder Wastewater Treatment Facility. The Boulder WWTP recently had major upgrades in their both liquid and solid stream treatment processes. A tour of the facility upgrades will be held after the business meeting and lunch. The meeting will business meeting will begin at **11:00am**, lunch will be served after the business meeting, and then the tour will be given after lunch. Plan to be there until approximately 2:00pm if you are interested in the tour.

The City of Boulder will be sponsoring the lunch for this meeting, so RSVP's are required.

4. Green Book Update

Most of the changes have been made to the Green Book. Sharon H. Davis volunteered to help Steve Frank get the ball rolling with publication. Sharon reviewed the document and sent back to Nikki for comments. A decision will be made and the Green Book will be published within the next few weeks.

5. PBS Documentary

Steve Frank passed out an information sheet on a PBS documentary about water infrastructure which is set to air this fall. Steve indicated that Channel 6 in Denver plans to air the story, they are just not sure when. Steve will keep the committee apprised of additional information or airing schedule.

6. Regulation 64 Rulemaking Hearing

The rulemaking hearing for Reg 64 is set for January 2010. CDPH&E hopes to align Reg 64 with the EPA 503's for delegation preparations. They also want to add a section regarding the transfer of NOA's between entities, ex. Metro could transfer an NOA to Liquid Waste without deactivating or closing the site. Compost monitoring/processing methods will also be looked at. There is a possibility that Alternative 3 & 4 will be removed from the regulation. Kenan indicated that there are a couple of states that have already done this.

7. Regulated Metals

The EPA could include a Moly limit in Table 3. Bob Brobst indicated the number could range anywhere from *40ppm to 75ppm*. This is expected to take place in October 2009.



Our thanks go to Donna Hull in the RR&R Dept. at the Metro District for providing a delicious lunch and to Kenan Diker, CDPH&E for presenting good information about biosolids use in Colorado.

****Announcement:**

There will be a stakeholder process for The Solid Waste and Material Management Unit of the Colorado Department of Public Health and Environment. CDPH&E is proposing revisions to Section 14, the composting section of the Regulations Pertaining to Solid Waste Sites and Facilities (6 CCR 1007-2). The stakeholder process will have the following schedule:

| Date | Time | Location |
|-----------------|--------------|---|
| July 29, 2008 | 10:00-12:00 | Building C; Room C1A, CDPHE Cherry Creek Campus |
| August 15, 2008 | 10:00 –12:00 | Building C; Room C1A; CDPHE Cherry Creek Campus |

The Colorado Department of Public Health and Environment Cherry Creek Campus is located at 4300 Cherry Creek Drive South, Denver, CO 80246.

Next Meeting

The next meeting will be held at **11:00am**, August 20, 2008 at the **City of Boulder WWTP**. The meeting will adjourn at approximately 2:00pm.

***There will not be an opportunity to connect by telephone for the August 20th meeting.

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