

**BIOSOLIDS COMMITTEE  
MEETING MINUTES  
January 20, 2009**

The following people were in attendance at the Biosolids Committee Meeting on January 20, 2009.

Jim Rasmussen,	Howard R. Green, Inc.	Ken Goering,	Fairfield
Dan Miers,	Indianola	Billy Chen,	IDNR
David Clark,	OMI	Pam Jakers	DMACC
Michael Thompson,	Iowa State University	Steve Troyer,	Fox Engineering, Inc.

The meeting started at 1:10 p.m. Discussion started by reviewing and approving the committee meeting minutes of December, 2008.

The next item of discussion was review of the program for the 18<sup>th</sup> Annual Biosolids Conference, scheduled for March 18, 2009. The tentative program is as follows:

8:00 AM – 8:30 AM	Registration
8:30 AM – 9:15 AM	The Goal of Training and Certification: Meeting the Professional Needs of Biosolids Land Appliers. Panel Discussion
9:15 AM – 10:00 AM	Dewatering Technologies Marty Davidson, Alfa-Laval
10:00 AM – 10:15 AM	Break
10:15 AM – 11:00 AM	Agronomic Loadings KISS Scott Wienands, Nutri-Ject Systems, Inc.
11:00 AM – 12:00 Noon	Advanced Biosolids Treatment Processes Panel Presentation
12:00 Noon – 1:00 PM	Lunch
1:00 PM – 1:45 PM	A Twenty-Five Year History of Lincoln, NE Biosolids Land Application Program Steve Crisler, City of Lincoln
1:45 PM – 2:30 PM	Geotube® Dewatering Containers for Municipal Applications – 101 Dr. Brian Mastin, WaterSolve, LLC
2:30 PM – 2:45 PM	Break
2:45 PM – 3:30 PM	Biosolids Storage Alternatives Mike Roth, Howard R. Green Company

The only speaker that has not confirmed yet was Steve Crisler with City of Lincoln. Steve T. will follow up with Scott to see if this speaker can attend. A back-up topic will need to be selected just in case. Possible topics include: Biosolids application on soybean ground (Dr. Sawyer presented this in 2007); soil sampling (Steve T. will try to find a speaker for this; Mike Thompson could also present on this topic). The program will need to be finalized in the next few days, so that it can be sent out the first week in February.

Other conference planning/preparation: The conference will be held in the auditorium in building 6 at DMACC again this year; registration will be in building 7; will have coffee and rolls in the morning for registration and break; afternoon break will have pop and cookies; lunch will be pork chop and pie again. Brochures will be sent to past attendees and IWPCA members (Jim R. will send the list to Scott). SSN for registrants will no longer be needed. Will just need a birth date and operator ID number for CEUs. Conference participants will need to complete the Continuing Education Reporting Form at the end of the conference and turn this in (Pam will bring these forms), and a sign-in sheet will be passed around at the end of the morning and afternoon sessions. Dan and Ken volunteered to help with registration at the conference. Steve T. will prepare name tags, and bring registration list, pens, extra brochures, evaluation forms, and sign-in sheets, and will also arrange to get the IWPCA booth. Jim R. will provide a receipt book. The preliminary program has been sent to Bob Main and Laurie Sharp for CEU approval.

The next item of discussion was the committee budget for 2009. Steve T. distributed a preliminary budget and reviewed it with the committee. Committee members agreed to include a line item for \$1500 to support Dr. Thompson's biosolids research project. This was approved by the IWPCA board last year but did not come to fruition. Steve will bring this up to the board at the retreat on Friday.

The next item of discussion was updating the Biosolids Field Guide. Committee members had a long discussion how to best update the field guide so that it would be most useful. Some ideas included: changing the formatting to make it easier to read, include tabs; include reference tables (similar to the Minnesota guide); what to do in the event of a spill; application rates based on N or P for different crops; benefits of using biosolids, calculations for fertilizer savings; table of required separation distances; discussion on P-Index; use laminated pages. It was also suggested that we could make a "booklet" with more detailed information (regs, sample calcs., sample report forms, etc.). Then the field guide could be limited to more useful information for the guys in the field (mostly tables and other such information). Ken will provide a sample report form that their field office uses. It was also suggested that we could solicit input from the conference attendees (may put a question on the evaluation form). I'm asking that each committee member review this list and offer any suggestions they may have. We will need volunteers to help out with this (perhaps be responsible for updating a section of the field guide). The committee will also need to find funding sources for printing this. Dan will contact Laurie Sharp with IDNR. Dr. Thompson suggested the possibility of using a grad student to help with design, formatting, and graphics.

The meeting was adjourned at about 2:45 p.m.

**The next committee meeting is scheduled for April 21, 2009.**

Thanks Again for all your hard work and dedication to the Biosolids committee, if it weren't for you the IWPCA would not be as GREAT as it is!!!

Respectfully submitted,

Steve Troyer,  
Biosolids Committee Chair