

Manure Irrigation Workgroup Meeting - April 4, 2014

DRAFT MEETING NOTES

Original Agenda

April 4, 2014, 9:00am – 3:00pm

Dane County Cooperative Extension, Room 121

5201 Fen Oak Ct, Madison, WI 53718

Meeting Overview:

This meeting will include workgroup discussion and review of “risk tables” and manure irrigation scenarios (from previous meetings), as well as an update on QMRA literature. Lynn Henning from Michigan will lead a presentation and discussion of compliance and monitoring concerns associated with manure irrigation. The workgroup will make decisions about timing for future meetings and for the development of summary materials. Background information is available at the workgroup document site and the project website (fyi.uwex.edu/manureirrigation).

Agenda

8:30am	Room available – coffee
9:00	Welcome, introductions, agenda review/revision, announcements
9:05	Review of notes from last meeting (February 24, 2014)
9:15	Review of workgroup discussions to date
9:30	Presentation/Discussion: QMRA literature review – Tucker Burch (USGS/Borchardt Lab)
10:00	Presentation/Discussion: Compliance and monitoring issues for manure irrigation – Lynn Henning (Michigan). Lynn is widely recognized for actions in environmental compliance and monitoring of livestock operations.
10:45	Break
11:00	Small group sessions: Introduction to small group activities (we will break into four small groups related to risk tables, scenarios, and workgroup products)
11:15	Small group session 1
12:15pm	Working lunch – box lunches (provided)
12:30	Small group session 2 (select a different group)
1:30	Break
1:45	Full group discussion: reports from small groups, remaining workgroup activities and timeline, and assignments
3:00	Adjourn

NOTES from April 4, 2014 Meeting

1. Attending:

Workgroup members attending: Todd Boehne, Kenn Buelow, Dana Cook, Andrew Craig, Ken Genskow, , Carrie Laboski, Becky Larson, Pat Murphy, Jeff Sommers, Rob Thiboldeaux, Lynn Utesch, Jim VandenBrook,

Workgroup members not attending: Mark Borchardt, , Shelly Mayer, Suzanne Gibbons-Burgener, Sarah Grosshuesch, Jeff Polenske, Gloria Smedema,

Others attending: Christie Greening (public), AJ Bussan (WPF), Scott Dye (SRA Project), Lynn Henning (SRA Project), Ron Seely (public), Nancy Utesch (public)

2. Review of Discussion Notes from February 24, 2014, and Review of workgroup discussions to date:

- See Notes from February 24
- Genskow reviewed the background, purpose, and structure of the workgroup, along with an overview of the previous 8 months of workgroup activities,

3. Updates and Announcements:

- Several workgroup members received a 13-page letter from researchers at Johns Hopkins Center for a Livable Future, based at the Bloomberg School of Public Health. The letter was regarding, “Manure from intensive livestock operations: health and environmental concerns.” Copies of the letter are posted to the Manure Irrigation Workgroup’s file sharing site, and also available at the Kewaunee Cares website.
- Videos of presentations from the November 16th Rural Health Forum are completed and are available for purchase as DVDs. Contact Lynn Utesch for details.
- Andrew Craig presented results of a survey of CAFO owners conducted by DNR. Andrew displayed a spreadsheet identifying operations and their responses regarding current use or interest in use. This led to additional discussion. [Note: Due to confusion about the information included in the April 4th table, Andrew updated the table on April 11th.] Both the April 4 and April 11 tables are attached to the notes.

4. Presentation/Discussion: QMRA literature review – Tucker Burch (USGS/Borchardt Lab)

This discussion was rescheduled due to weather and technical connection problems on April 4th. Drs. Burch and Borchardt were able to present the update to workgroup members via a web-based meeting on April 14. An annotated copy of the presentation is attached to the notes.

5. Presentation/Discussion: Compliance and monitoring issues for manure irrigation – Lynn Henning (Michigan). Lynn is widely recognized for actions in environmental compliance and monitoring of livestock operations.

Lynn Henning () provided a presentation addressing her experience monitoring manure irrigation at CAFO operations in Michigan, highlighting several areas of concern. Lynn engaged the group in discussion about implications for Wisconsin and concerns regarding compliance issues. A copy of the presentation is attached to the notes.

6. Small group sessions. The remainder of the workgroup meeting was spent

The remainder of the workgroup meeting involved small-group work.

Group 1: Drafted an outline for the workgroup product and a suggested timeline.

Group 2: Developing the scenarios and related tables and maps. The group developed characteristics for the scenario farm and created tables and maps with fictitious but realistic numbers that compare differences based on extent of manure application methods/irrigation.

Group 3: Reviewed and translated the 3 risk tables drafted to date – drift, odor, air quality. They reviewed to determine information gaps and to address these questions: Where are the open questions? What other information is needed? What are possible resources? Who/where for expert review? Group 3 also discussed how to translate the information into an understandable format for various audiences

Group 4: Drafted a new risk table for water quality.

Following small group activities, the group reconvened to discuss results.

Group 1 completed a draft outline.

Group 2 made progress on the scenarios and will continue to work as a small group to complete.

Group 3 made progress on risk tables and will continue to work as a small group to complete.

Group 4 made progress outlining the water quality table and will continue to work as a small group to complete.

7. Actions for next meeting.

No additional meetings were scheduled for the full group meetings. A future meeting will be scheduled after small groups complete their work.

Attachments:

- Lynn Henning presentation
- Manure irrigation tracking tables from Andrew Craig
- Annotated presentation from Burch and Borchardt