

Goals for 2008

1. Use GeoMedia for all Metrogro GIS applications by the end of 2008.

Strategies

- a. Further define end user information needs and have the IT and/or the Engineering departments create applications to meet those needs.
 - b. Provide in-house training from the IT and/or Engineering departments to the Metrogro Manager to ensure that he has a working knowledge of GeoMedia sufficient to allow for basic exploration and simple querying of the related data.
 - c. Keep spatial information (e.g. farm/fields, well monitoring locations) up to date in ORS and in GeoMedia.
 - d. Provide on-going technical support from the IT and/or Engineering departments.
2. Evaluate the potential for regrowth/reactivation of fecal coliform bacteria and salmonella following centrifuging.

Strategies

- a. Design and conduct at least one in-house regrowth/reactivation study in 2008, with the resulting data being reviewed by Professor Sharon Long (UW-Madison).
 - b. Further develop in-house laboratory capability relative to salmonella analysis.
 - c. Stay current on relevant regrowth/reactivation research conducted outside of the District by reviewing publications (e.g. WEF and WERF reports), attending presentations at meetings sponsored by professional organizations, and other similar mechanisms.
 - d. Evaluate management approaches (if regrowth/reactivation occurs) that could be implemented to ensure compliance with 40 CFR Part 503 and NR 204 requirements.
3. Evaluate options for consistently producing a Class A biosolid.

Strategies

- a. Conduct the Solids Handling Facilities Plan.
- b. Conduct research through the University of Wisconsin-Madison to develop data needed to support an application for a site specific Class A pathogen equivalency determination consistent with options available under 40 CFR Part 503 and NR 204.

4. Stay current on agricultural phosphorus nutrient management issues and potential impacts on the Metrogro Program.

Strategies

- a. Review information on the Wisconsin Phosphorus Index approach contained on the WI Phosphorus Index web site.
 - b. Develop a working knowledge of the SNAP-Plus nutrient management planning software through attendance at a formal SNAP-Plus training session offered by the University of Wisconsin or the Department of Agriculture.
 - c. Work with IT staff to interface soil test information contained in ORS with the SNAP-Plus software.
 - d. Track revisions to NR 151 and determine the potential impact on the District's Metrogro Program.
 - e. Track the Rock River phosphorus TMDL and determine the potential impact on the District's Metrogro Program.
-
5. Stay current on information related to "emerging compounds" of concern in biosolids (e.g. pharmaceuticals, personal care products, endocrine disrupting compounds) that could impact biosolids management activities.

Strategies

- a. Review relevant research reports published by the Water Environment Research Foundation.
- b. Participate in the NACWA Emerging Contaminants Workgroup conference calls and track related issues through attendance at NACWA meetings.
- c. Have Mark Anderson attend the annual SETAC meeting and prepare a report on the meeting that can be distributed to interested persons at the District.
- d. Review information distributed through the National Biosolids Partnership and other relevant professional organizations.