



Element 2 - Biosolids Management Policy

Document Number: 2001-R2

Date/Time: 4/23/2008; 3:23 PM

Revision Date: 11/22/2007

Approved by: MSD Board

Revision 2

Purpose

This document describes the Louisville and Jefferson County Metropolitan Sewer District's (MSD's) Board-adopted Biosolids Management Policy and affirms MSD's commitment to the National Biosolids Partnership (NBP's) *Code of Good Practice*. This document also establishes the guiding principles for MSD's biosolids environmental management system and of which Morris Forman Wastewater Treatment Plant (MFWWTP) is the main focus.

Scope

MSD's Biosolids Management Policy Statement

MSD will adhere to the Code of Good Practice, and produce Exceptional Quality biosolids while promoting their beneficial reuse and the recycling of resources.

MSD's Biosolids Management Policy also supports MSD's Vision, Mission and Core Values (See Appendix 2A).

This policy is incorporated into MSD's biosolids programs, procedures, and practices; and it is communicated to all new and existing employees and contractors that have biosolids responsibilities. It is also communicated to interested parties.

References

EMS Element 1 thru 17
NBP Biosolids EMS Guidance Manual
NBP National Manual of Good Practice
Appendix 2A – MSD's Vision, Mission, and Core Values

Responsibility

EMS Core Team
MSD's Executive Team

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**National Biosolids Code of Good Practice
Principles of Conduct**

As a member of the National Biosolids Partnership (NBP), MSD is committed to the NBP *Code of Good Practice*. The *Code of Good Practice* is a broad framework of goals and commitments to guide the production, management, transportation, storage, and use or disposal of biosolids – in short, a comprehensive environmental management system (EMS) for biosolids. Specifically, MSD is committed to uphold the following principles of conduct for biosolids produced:

1. **Compliance:** Complying with all applicable federal, state and local laws and requirements regarding biosolids production at the wastewater treatment facility, and management, transportation, storage and use (or disposal) of its biosolids away from the treatment facility.
2. **Product:** Providing biosolids that meet or exceed applicable standards for their intended use or disposal.
3. **Environmental Management System (EMS):** Developing an EMS for biosolids that includes a method of independent third-party verification to ensure effective ongoing biosolids operations.
4. **Quality Monitoring:** Enhancing the monitoring of biosolids production and management practices.
5. **Quality Practices:** Maintaining good housekeeping practices for biosolids production, processing, transport, and storage and during final use or disposal operations.
6. **Contingency and Emergency Response Plans:** Developing response plans for unanticipated events such as inclement weather, spills, and equipment malfunctions.
7. **Sustainable Management Practices and Operations:** Enhancing the environment by committing to sustainable, environmentally acceptable biosolids management practices and operations through an environmental management system.
8. **Preventive Maintenance:** Developing and implementing a plan for the preventive maintenance for equipment used to manage biosolids and wastewater solids.
9. **Continuous Improvement:** Seeking continuous improvement in all aspects of biosolids management.
10. **Communications:** Providing methods of effective communication with gatekeepers, stakeholders, and interested citizens regarding the key elements of each environmental management system, including information relative to system performance.



ENVIRONMENTAL MANAGEMENT SYSTEM

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Procedure

The EMS Coordinator is responsible for communicating this policy and code of good practice to MSD employees, relevant contractors, and interested parties. Methods of communicating this policy and code of good practice are described in Element 6 – Public Participation and Element 9 – Communication.

MSD's Biosolids Management Policy is updated as needed and reviewed annually during MSD's Management Review and Internal Audit. The policy is updated as needed by the EMS Coordinator, to ensure compliance with all federal, state and local rules and regulations, conformance with NBP's *Code of Good Practice*, and MSD's goal's and mission. Policy changes require MSD Board approval. To ensure availability to all interested parties, MSD's Biosolids Management Policy is communicated to all employees, contractors, customers and interested parties.

Minimum Conformance Checklist

- Established a Biosolids Management Policy that commits MSD to the following principles of conduct set forth in the NBP *Code of Good Practice* and may include other biosolids commitments the organization voluntarily chooses to adopt.
- Communicated the policy to employees, contractors, and all interested parties.
- Incorporated the policy into MSD's biosolids programs, procedures, and practices.

Record of Revisions

Document Number	Revision Number	Revision Date	Reason for Revision
2001-R0	0	6/14/2006	Original
2001-R1	1	7/5/2007	Policy Change
2001-R2	2	11/22/2007	Final Policy for Board