

BIOSOLIDS EMS — ELEMENT 2.0

BIOSOLIDS POLICY



REVISION	EFFECTIVE DATE	APPROVAL SIGNATURE
08	September 23, 2020	

PURPOSE

The purpose of Element 2.0, Biosolids Policy, is to establish the guiding principles of the Village Creek Water Reclamation Facility’s environmental management system (EMS) for the biosolids program.

SCOPE

This policy applies to all of the City’s biosolids management activities and acts as a benchmark for current and future biosolids management.

KEY WORDS

- Biosolids Policy
- Environmental Management System (EMS)

PROCEDURE

The City of Fort Worth has adopted the biosolids policy shown below. This policy commits the City to follow the principles established by the National Biosolids Partnership’s *Code of Good Practice*, also shown below. This policy incorporates into the City’s programs, procedures, and practices as they relate to biosolids management activities. The City communicates this policy to its employees, customers, contractors, and other stakeholders through the public participation and communication methods discussed in Elements 6.0 and 9.0.

City of Fort Worth Biosolids Policy

The City of Fort Worth’s Biosolids Program is committed to promoting the beneficial and sustainable use of biosolids while utilizing cost-effective and environmentally-acceptable management practices. To support this policy, the City and its Contractor are committed to:

- Following the *Code of Good Practice* developed by the National Biosolids Partnership
- Optimizing biosolids management practices to help maximize resource recovery, with the goal of reusing/recycling 100% of all biosolids
- Complying with local, state and federal requirements regarding biosolids production, management, testing, storage, transportation, and end use or disposal
- Fully implementing the Environmental Management System to continually improve overall environmental performance
- Utilizing goals and objectives and preventative actions to drive continual program improvement
- Building and maintaining positive relationships with the public and interested parties
- Researching and implementing new technologies that optimize potential future application or end use

NBP Code of Good Practice

The *Code of Good Practice* (the Code) is a broad framework of goals and commitments to guide the production, management, transportation, storage, and use or disposal of biosolids. Those who embrace the Code and participate in the National Biosolids Partnership (NBP) commit to “do the right thing.” Specifically, code subscribers and NBP participants pledge to uphold the following principles of conduct:

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- **Compliance:** To commit to compliance with all applicable federal, state, and local requirements regarding production at the wastewater treatment facility, and management, transportation, storage, and use or disposal of biosolids away from the facility.
- **Product:** To provide biosolids that meet the applicable standards for their intended use or disposal.
- **Environmental Management System:** To develop an environmental management system for biosolids that includes a method of independent third-party verification to ensure effective ongoing biosolids operations.
- **Quality Monitoring:** To enhance the monitoring of biosolids production and management practices.
- **Quality Practices:** To require good housekeeping practices for biosolids production, processing, transport and storage, and during final use or disposal operations.
- **Contingency and Emergency Response Plans:** To develop response plans for unanticipated events such as inclement weather, spills, and equipment malfunctions.
- **Sustainable Management Practices and Operations:** To enhance the environment by committing to sustainable, environmentally accepted biosolids management practices and operations through an environmental management system.
- **Preventive Maintenance:** To prepare and implement a plan for preventive maintenance for equipment used to manage biosolids and wastewater solids.
- **Continual Improvement:** To seek continual improvement in all aspects of biosolids management.
- **Communications:** To provide 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.

Review and Modification

- The Biosolids Policy is considered a Level 1 Document and, as such, may be reviewed every year during the EMS Management Meeting. Also, the Biosolids Policy may be reviewed during internal audits, third-party interim audits, and third-party verification audits.
- The EMS management team is responsible for reviewing and modifying Level 1 documents.
- The Director of the Water Department and the Assistant Water Director over the Plant Operations Division approve Level 1 documents and sign them if necessary. This management support is necessary to ensure the Biosolids Program EMS is properly and effectively implemented and maintained.
- When a new policy is drafted and approved, it will be incorporated into Element 2.0, and a copy will be attached. The old policy will be deemed “inactive” and will be filed in the archives.

REFERENCES

- BMP Guidance Manual, (NBP, June 2011)
- Code of Good Practice, (NBP, June 2011)
- Manual of Good Practice for Biosolids, (NBP, June 2011)

EMS Cross References:

- Element 3.0 Critical Control Points
- Element 4.0 Legal and Other Requirements
- Element 6.0 Public Participation in Planning
- Element 8.0 Training
- Element 9.0 Communication and Public Outreach
- Element 17.0 Periodic Management Review of Performance

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ATTACHMENTS

- City of Fort Worth Biosolids Policy

REVISION HISTORY

Revision #	Date	Revision Description
08	09-23-2020	Typo Correction
07	09/21/2018	Update to Procedure and References Sections, addition of new Biosolids Policy
06	09/10/2015	Converted element to new format, added updated Biosolids Policy
05	08/05/2013	Updated references
04	11/16/2010	Update references
03	06/29/2007	Audit (YR1) 2006
02	11/29/2004	2004 Issue
01	10/01/2004	Approval Draft
SR	01/30/2004	Issued for Status Review

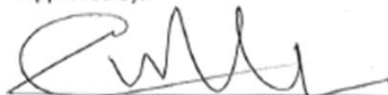


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Approved by:


Assistant Water Director
Water Department
Plant Operations Division


Water Director
Water Department

4/30/2018
Date

5/3/18
Date