



# Fecal Contamination Prevention

## Standard Operating Procedure

WASTE  
REDUCTION  
& DISPOSAL  
DIVISION

### Greens Processing

Controlling fecal coliform contamination is critical to the success of the greens processing operation. As a condition of the operating permit, due diligence in managing fecal contamination within the Greens processing area minimizes the potential for violations. It also reduces the risk of exposure to both employees and the general public thereby ensuring a healthy work environment for all. Furthermore, prevention of fecal contamination helps the promotion and marketing of the compost products produced at our facility.

Compliance with the following steps is mandatory in order to meet the above objectives for preventing fecal coliform contamination. If possible, it is always preferable to work from compost to mulch to unfinished food compost and green waste in that order. However, in the event that equipment movement to and from different processing points is required the following protocol must be used.

#### Wheel Loader Responsibility:

1. Spray chemical solution in and around bucket.
  1. When transitioning from green waste to mulch or compost.
  2. When transitioning from mulch to compost.
  3. When transitioning from unfinished food compost to mulch or compost.

#### Motor Scraper Responsibility:

1. Spray chemical solution in the bowl:
  1. After building windows from fresh grind.
  2. Before transitioning from finished mulch to compost.

**Note:** A chemical solution consisting of three parts water to one part bleach is used as the decontamination agent. This solution is kept in a sprayer next to the information/control booth within the greens area. The bleach and excess solution is stored within the chemical storage locker. Utilize the water tanker for refilling the sprayer.

**Caution:** To avoid possible skin/eye contact use rubber gloves and goggles when filling sprayer and applying solution. Always fill the sprayer with water before adding the bleach.

#### **Benefit of Compliance to Instruction:**

- No fecal coliform violations to operating permit
- Reduced exposure risk to workforce and public
- No impact to marketing products
- Cross contamination of products minimized or eliminated

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### **Consequence of Non-Compliance to Instruction:**

- Employee and public exposure
- Violations and/or fines from Regulatory Agency
- Cross contamination of products
- Reduced marketability of products

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*Environmental Management System (EMS) – ISO 14001*

*Process Map #: GP-1.0*

**Reviewed by:** Dana Armstrong, Bennie Morris, (*Disposal Site Supervisors*)

**Approved by:** Kip Sturdevan, Deputy Environmental Services Director, WRAD

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