

NURSERY PRODUCTS HAWES COMPOSTING FACILITY



Storm Contingency Plan

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INTRODUCTION

1.1 Terms of Reference

This is the Storm Contingency Plan for the Nursery Products Hawes Composting Facility in San Bernardino County California.

1.2 Overview and Purpose

This document was prepared for Nursery Products in support of the Report of Waste Discharge for the Nursery Products Hawes Composting Facility. Nursery Products provides this plan in order to ensure adequate protection against overtopping of the two surface impoundments at the facility.

2. FACILITY OVERVIEW

2.1 Project Description

The facility is a biosolids and green material composting facility located on approximately 80 acres of a 160-acre parcel located within an unincorporated area of San Bernardino County. The facility will compost biosolids and green material to produce agricultural grade compost in compliance with U.S. Environmental Protection Agency (EPA) Code of Federal Regulations (CFR), Title 40, Chapter 1, Part 503 and Title 14 of the California Code of Regulations (CCR).

There are two surface impoundments (retention ponds) located on the northern end of the facility that collect storm water. The surface impoundments are designed to collect all storm water from the 100-year, 24-hour storm event over the entire facility and the 1,000-year, 24-hour storm event that falls directly on the surface impoundments. The facility is designed to contain the 1,000-year, 24-hour storm event.

The waste pile (compost pad) is located beneath the composting process and consists of prepared subgrade of no less than 12 inches of engineered native material. The engineered pad will be sloped to prevent ponding such that all storm water will flow to the surface impoundments.

3. STORM CONTINGENCY PLAN

3.1 General

High intensity short duration precipitation (HISDP) events may occur in the Mojave Desert region during the rainy season and occasionally during summers. Nursery Products developed this plan in order to ensure adequate protection against overtopping of the two surface impoundments at the facility. This plan provides a narrative description of the procedures that facility personnel will follow if maintenance of at least 2 feet of freeboard may be violated with the addition of expected stormwater in each surface impoundment.

3.2 Monitoring of Surface Impoundments

The facility manager will monitor the amount of stormwater in the surface impoundments daily and record the volume of stormwater in each surface impoundment in the onsite log book. In addition, the facility manager will monitor the forecasted weather for the area.

3.3 Removal of Stormwater from Surface Impoundments

It is anticipated that all stormwater that is collected in the surface impoundments will be used onsite for dust control. If the stormwater can't be used onsite for dust control and the 2 feet of freeboard may be violated, stormwater in the surface impoundments will be removed and hauled offsite to an RWQCB approved facility. The volume of stormwater will be recorded by the facility manager as it is pumped out of the surface impoundments and into a tanker truck. The beginning and ending freeboard levels will be recorded.

3.4 Approved Facility

Stormwater will not be hauled offsite to a facility unless it is an approved facility. Examples of facilities in San Bernardino County that are permitted to receive stormwater are compost facilities, landfills, and wastewater treatment plants. The stormwater will be preapproved at multiple approved facilities.

3.5 Reporting

A report will be submitted to the RWQCB to document and report any stormwater that is hauled offsite to an approved facility. The report will include the beginning and ending freeboard levels.