

Project Description

The Proposed Project facility would receive and process organic materials, primarily greenwaste, foodwaste, and biosolids, but would also receive untreated scrap wood, natural fiber products, non-recyclable paper waste, and inert material, such as sediment, gypsum, wood ash, and clean construction debris. Non-hazardous liquid wastes may also be accepted as a substitute for the water that is added for efficient composting. The Project would process organic material utilizing a covered windrow system that would be a combination of aerated static pile (ASP) with either positive or negative aeration, and covered windrow composting technology. Initially, the Project would realize a daily throughput of up to 500 tons per day (TPD), increasing up to a maximum of 1,000 TPD, producing compost-based soil amendments for agricultural, horticultural, erosion control and land reclamation uses. Alameda County is the approving agency for the Conditional Use Permit, which constitutes the Project action or Proposed Project under CEQA.

The Proposed Project could process up to 1,000 TPD of organic material utilizing a windrow system incorporating either negative air or positive air ASP technology. For the unimproved property, construction of the Project would necessitate grading, excavation and soil removal, deposition and compaction of fill material, reuse of excavated soil as fill, transporting and installing materials and equipment, disposal of soil and construction waste, and construction of retention ponds and project access roads. The active composting area would occupy approximately 15 acres, within which curing and screening zones would occupy approximately 8 acres and other operating areas (including access roads) would occupy approximately 7 acres. Active composting windrow piles would vary in height, up to a maximum of 12 feet. A drainage system incorporated into the windrow area would deliver storm runoff from the compost site to a stormwater detention pond. Construction would be completed in two phases: construction of the initial facility with a capacity of 500 TPD (Phase I) followed with expansion of the facility up to 1,000 TPD (Phase II).

The Proposed Project would also involve the use of office space for administrative tasks. An office building located just outside of the Project Area parcel boundary at 15850 Jess Ranch Road in Tracy (APN 99B-7800-007-07) would be one of two possible locations for the Jess Ranch office facility (see Figure 2.2-3). This property is owned by Contra Costa Water District, from which it would be leased under the Proposed Project. No changes or modifications to the existing buildings or outside areas would be proposed under this option. The second option for office space would be to employ portable buildings within the existing Project Area. Figure 1 shows the overview of the proposed site plan.

Figure 1. Proposed Site Plan (Overview)

