

County of Los Alamos

Food Waste Composting Feasibility Project

July 15, 2021



Agenda

1. Project Process
2. Project Overview
3. Project Outcome
4. Discussion/Q&A



Project Process

- Competitive bid process; SCS selected to conduct food waste composting feasibility study.
- Purpose:
 - ✓ Identify cost-effective collection, technology and location for food waste composting in the County
 - ✓ Identify necessary resources to implement project
 - ✓ Select and develop food composting collection plan and processing facility

Project Overview

- Phase 1 – Food Waste Composting Study
- Phase 2 – Composting System Design Services



Phase 1: Food Waste Composting Study

1. Quantify Food Waste by Sector
2. Prepare Compost Technology Matrix
3. Recommend Feedstock's
4. Develop Cost Model Matrix
5. Evaluate Site Location Options
6. Compare and Analyze Collection Options
7. Compare and Analyze Technologies
8. Identify Regulatory Requirements

Phase 1: Food Waste Composting Study

9. Conduct Environmental Impact Assessment and Utility Usage Carbon Footprint
10. Assess Similar Food Waste Composting Programs
11. Assess Regional Partnership Opportunities
12. Identify Best Management Practices
13. Prepare Draft and Final Reports
14. Conduct Stakeholder Meetings

Project Objectives

- Guidance for next year's budget
- Comparison of technologies
- Benefits and impacts of food waste composting
- Most beneficial method(s) for community
- Financially, what is the best site, technology, collection methods
- Need a Quality product, useable within the Community

Discussion on Project Outcome: What Do You Hope to Achieve?





Questions?

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SCS Engineers

SCS ENGINEERS