



Notice of Completion and Environmental Document Transmittal
California Environmental Quality Act

SCH #

TO: State Clearinghouse
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(916) 445-0613

FROM: Stanislaus County Planning & Community Development
1010 10th Street, Suite 3400, Modesto, CA 95354
Planning Phone: (209) 525-6330 Fax: (209) 525-5911
Building Phone: (209) 525-6557 Fax: (209) 525-7759

Project Title: USE PERMIT APPLICATION NO. PLN2021-0012 - WEST MAIN COMPOST
Lead Agency: Stanislaus County Planning and Community Development Contact Person: Teresa McDonald, Associate Planner
Street Address: 1010 10th Street, Suite 3400 Phone: (209) 525-6330
City: Modesto, CA Zip: 95354 County: Stanislaus

Project Location: 1236 W West Main St City/Nearest Community: Crows Landing
Cross Streets: W West Main St & Crowslanding Road Zip Code: 95313
Longitude/Latitude (degrees, minutes and seconds): 0' N / 0' W Total Acres: 47.82
Assessor's Parcel Number: 058-003-006 Section: 20 Twp.: 5 Range: 9 Base: MDB&M
Within 2 Miles: State Hwy #: Waterways:
Airports: Railways: Schools:

Local Public Review Period: (to be filled in by lead agency)
Starting Date: August 30, 2021 Ending Date: September 14, 2021

Document Type:
CEQA: [ ] NOP [ ] Draft EIR NEPA: [ ] NOI OTHER: [ ] Joint Document
[ ] Early Cons [ ] Supplement/Subsequent EIR [ ] EA [ ] Final Document
[ ] Neg Dec (Prior SCH No.) [ ] Draft EIS [ ] Other:
[ ] Mit Neg Dec [ ] Other: [ ] FONSI

Local Action Type:
[ ] General Plan Update [ ] Specific Plan [ ] Rezone [ ] Annexation
[ ] General Plan Amendment [ ] Master Plan [ ] Prezone [ ] Redevelopment
[ ] General Plan Element [ ] Planned Unit Development [ ] Use Permit [ ] Coastal Permit
[ ] Community Plan [ ] Site Plan [ ] Land Division (Subdivision, etc.) [ ] Other

Development Type:
[ ] Residential Units: Acres: [ ] Water Facilities Type: MGD
[ ] Office Sq.ft.: Acres: Employees: [ ] Transportation Type:
[ ] Commercial Sq.ft.: Acres: Employees: [ ] Mining Mineral:
[ ] Industrial Sq.ft.: Acres: Employees: [ ] Power Type: MW
[ ] Educational [ ] Waste Facilities Type: MGD
[ ] Recreational [ ] Hazardous Waste Type:
[ ] OCS Related [ ] Other Composting operation

Project Issues Discussed in Document:
[ ] Aesthetic/Visual [ ] Fiscal [ ] Recreation/Parks [ ] Vegetation
[ ] Agricultural Land [ ] Flood Plain/Flooding [ ] Schools/Universities [ ] Water Quality
[ ] Air Quality [ ] Forest Land/Fire Hazard [ ] Septic Systems [ ] Water Supply/Groundwater
[ ] Archeological/Historical [ ] Geological/Seismic [ ] Sewer Capacity [ ] Wetland/Riparian
[ ] Biological Resources [ ] Minerals [ ] Soil Erosion/Compaction/Grading [ ] Growth Inducement
[ ] Coastal Zone [ ] Noise [ ] Solid Waste [ ] Land Use
[ ] Drainage/Absorption [ ] Population/Housing Balance [ ] Toxic/Hazardous [ ] Cumulative Effects
[ ] Economic/Jobs [ ] Public Services/Facilities [ ] Traffic/Circulation [ ] Other

Present Land Use/Zoning/General Plan Designation:
Row Crops/ A-2-40/ Agriculture

**Project Description:** (please use a separate page if necessary)

Request to operate a composting facility on a 23.5-acre portion of a 47.82-acre parcel in the A-2-40 zoning district, with the end user being Starkey Farms, a nearby farm that produces alfalfa, corn, and almonds. The facility will receive a maximum of 140 tons of feedstock per day, which will consist of a combination of landscape residue, vegetative food material, and green waste. Up to 778 cubic yards of feedstock, 10,888 cubic yards of in-process compost (active and curing), 500 cubic yards of amendments (gypsum and micronutrients), and 300 cubic yards of finished product are expected on site at one time. The facility will operate Monday through Saturday from 7:00 am to 5:00 pm. The applicant anticipates three full time employees on one shift, one mechanic on site two days a week, and one manager on site one day a week. On site equipment, which will be portable but remain on site, will consist of a grinder, front end loader, trommel screen, and water truck. No structures are proposed as part of this request. Up to 20 incoming truck deliveries of feedstock and three outgoing truckloads of finished compost are expected per day. The feedstock will be separated at local municipal solid waste (MSW) haulers transfer stations consistent with CalRecycle specifications before arriving at the site. The feedstock will be delivered by 20-yard dump trucks, which will be weighed, then the feedstock loads will be dumped for inspection at the feedstock unloading zone, which is anticipated to be on engineered fill (compacted CLII AB road base). Loads that contain greater than 1% contamination, by dry weight, will be rejected. Once the feedstock has passed inspection, material unloaded, and any contaminants removed, it is fed into a grinder by a front-end loader and stockpiled for up to seven days, before being formed into eight-foot-high aerated static pile (ASP) compost piles by front-end loader, located on a 20,000 square-foot concrete slab with embedded aeration piles and nozzle assemblies. Water will be added to the piles by water truck to achieve proper moisture content. Up to 27,500 square-feet of active composting material is expected on the ASP slab at one time. Aerated static pile compost piles are constructed over a network of aeration pipes and induce airflow into the pile using an electric blower that is operated in conjunction with a pile temperature control system, cycling air into the pile. After 30 days, the piles are moved to two curing piles each approximately, 135 x 60 feet in size and eight-feet-high, located on engineered fill, for 20-30 days. Up to 20,000 square-feet of material is expected to be curing at one time. Once the curing period is complete, the finished compost is filtered via portable diesel-powered screening equipment, amendments added, loaded onto trucks, and delivered to the end user. The operator intends to utilize a water truck for dust control and to cease grinding operations when wind exceeds 20 mph. Constant temperature monitoring and an onsite water tank with pump will be utilized for fire prevention and control. Vectors are expected to be controlled by applying the best composting practices, which include appropriate carbon to nitrogen ratio, sufficient moisture content, and adequate aeration to interrupt the fly cycle. Additionally, the applicant will utilize parasitic wasps, traps, and commercial pest control services if necessary. The project proposes one new well for fire suppression water and to utilize portable restrooms for the employees. No septic systems are proposed. Other proposed improvements include a five-foot-tall berm with 3:1 slopes and a chain link fence with fabric around the perimeter of the operation. Trees are proposed along the northern perimeter line. A composite lined storm water detention basin will handle any run off and the water will be recycled and used on the ASP curing pile. The project site has access to County-maintained W West Main Street.

**Reviewing Agencies Checklist:**

Lead Agencies may recommend State Clearinghouse distribution by marking agencies below with an "X". If you have already sent your document to the agency, please denote that agency with an "S".

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| <input type="checkbox"/> Air Resources Board                       | <input type="checkbox"/> Office of Emergency Services   |
| <input type="checkbox"/> Boating & Waterways, Department of        | <input type="checkbox"/> Office of Historic Preservation  |
| <input type="checkbox"/> California Emergency Management Agency    | <input type="checkbox"/> Office of Public School Construction                                       |
| <input type="checkbox"/> California Highway Patrol                 | <input type="checkbox"/> Parks & Recreation, Department of  |
| <input type="checkbox"/> Caltrans District # <u>10</u>             | <input type="checkbox"/> Pesticide Regulation, Department of  |
| <input type="checkbox"/> Caltrans Division of Aeronautics          | <input type="checkbox"/> Public Utilities Commission  |
| <input type="checkbox"/> Caltrans Planning                         | <input type="checkbox"/> Reclamation Board  |
| <input type="checkbox"/> Central Valley Flood Protection Board     | <input checked="" type="checkbox"/> Regional WQCB # <u>5</u>  |
| <input type="checkbox"/> Coachella Valley Mountains Conservancy    | <input type="checkbox"/> Resources Agency   |
| <input type="checkbox"/> Coastal Commission                        | <input type="checkbox"/> Resources Recycling and Recovery, Department of                            |
| <input type="checkbox"/> Colorado River Board Commission           | <input type="checkbox"/> S.F. Bay Conservation & Development Commission                             |
| <input checked="" type="checkbox"/> Conservation, Department of    | <input type="checkbox"/> San Gabriel & Lower L.A. Rivers & Mountains Conservancy                    |
| <input type="checkbox"/> Corrections, Department of                | <input type="checkbox"/> San Joaquin River Conservancy  |
| <input type="checkbox"/> Delta Protection Commission               | <input type="checkbox"/> Santa Monica Mountains Conservancy   |
| <input type="checkbox"/> Education, Department of                  | <input type="checkbox"/> State Lands Commission   |
| <input type="checkbox"/> Energy Commission                         | <input type="checkbox"/> SWRCB: Clean Water Grants  |
| <input checked="" type="checkbox"/> Fish & Game Region # <u>4</u>  | <input type="checkbox"/> SWRCB: Water Quality   |
| <input type="checkbox"/> Food & Agriculture, Department of         | <input type="checkbox"/> SWRCB: Water Rights  |
| <input type="checkbox"/> Forestry & Fire Protection, Department of | <input type="checkbox"/> Tahoe Regional Planning Agency   |
| <input type="checkbox"/> General Services, Department of           | <input type="checkbox"/> Toxic Substances Control, Department of                                    |
| <input type="checkbox"/> Health Services, Department of            | <input type="checkbox"/> Water Resources, Department of   |
| <input type="checkbox"/> Housing & Community Development           | <input checked="" type="checkbox"/> Other: <u>San Joaquin Valley Air Pollution Control District</u> |
| <input type="checkbox"/> Integrated Waste Management Board         | <input type="checkbox"/> Other: _____   |
| <input type="checkbox"/> Native American Heritage Commission       |   |

**Lead Agency** (Complete if applicable):

Consulting Firm: Stanislaus County  
Address: 1010 10<sup>th</sup> Street, Suite 3400  
City/State/Zip: Modesto, CA 95354  
Contact: Teresa McDonald, Associate Planner  
Phone: (209) 525-6330

Applicant: Machado and Sons, Inc.  
Address: 1000 South Kilroy Road  
City/State/Zip: Turlock, CA 95380  
Contact: Sean Kilgrew  
Phone: 209-252-6330

Signature of Lead Agency Representative: 

Date: 8/30/21