



County of Santa Cruz Environmental Health Services

701 OCEAN STREET, ROOM 312, SANTA CRUZ, CA 95060-4073

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Manure Management Plan Guidelines

The Management Plan should address each of the following requirements.

1. Include owner's name, address of parcel, parcel number, date, author of map, consultant's phone number, map scale.
2. Provide a site map showing all livestock areas, structures, roofed areas, property lines, fencing, waterways, drainageways, water sources, wells, and surfacing materials (baserock, bare soil, mats, fines, pasture vegetation, etc.). Show measured setbacks to drainageways and streams. Minimum setback for a stream is 50 feet. For a drainage way it is 25 feet.
3. Show and identify all drainage facilities, including roof gutters and down spouts, berms, ditches, culverts, curtain drains, retention/detention structures, etc. Note that proposals for drainage improvement may require Planning Department review and approval.
4. Identify any areas with slopes over 15%. Identify any areas with fast percolation sandy soils.
5. Identify how many head of livestock are kept and in which areas. Identify types and numbers of livestock.
6. Describe procedures and frequency for collection, transport, storage, compost (if applicable), and disposal of manure. Describe measures to prevent rainfall and runoff from contacting manure.
7. If site will have 5 or more horses and/or limited space, an enclosed manure storage facility with a roof is highly recommended. For manure storage facilities, design storage at 2 cubic feet/day per horse. Show plan view and elevations, with dimensions. The Planning Department should be contacted for permit if roof area exceeds 120 sq. ft. If manure is not hauled away, the storage bunker must be sized to contain manure and soiled bedding material for 90 days during the winter rainy period.
8. Describe any seasonal changes in the operation or use of different areas of the property.
9. Specifically describe how the following requirements will be met:
 - a. Control drainage and implement other measures as necessary to minimize soil erosion and avoid pollution of rainwater and runoff by animal waste.
 - b. Keep animal waste and bare soil areas at least 50 feet from streams, and 25 feet from drainageways. If these setbacks cannot be maintained, state other protective measures.
 - c. Minimize percolation of urine, ammonia, and nitrate into the soil and groundwater.
 - d. Implement appropriate measures to prevent fly and odor nuisance.

If requested, submit the completed Plan to Environmental Health Services for review. If an Environmental Health Service site inspection is performed and the department determines that building permits or extensive site mitigation measures (i.e. erosion control engineering) are required, the site/project will be referred to County Planning.