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SWCD Guideline for Reviewing County Grading and Grubbing Plans Need to be Specific as to What, Where, How, and When Work Will be Performed

Checklist to Avoid Standard Comments

I. Drainage

A. Onsite

1. Construction

a. Temporary Basin

- i. Specify safeguard measures in the event basin exceeds capacity.
- ii. Identify the milestone that determines timing of basin removal.
 - a) How will stormwater be managed following removal?

2. Post Construction Operations and Maintenance

- a. Define management practices if basin exceeds capacity.
- b. Define metrics to determine when water and/or sediment containment will be removed to ensure basin(s) continue to operate at its original planned capacity.
- c. Identify responsible parties (e.g. individual or company) that will maintain drainage ways and basins.
- d. Specify maintenance programs on all permanent BMPs, especially after rain events, fires, and loss of vegetation.
- e. Include routine inspection and maintenance procedures.
 - i. Conduct inspection and maintenance before and after storm events.
- f. Explain procedures for repairs to be performed on deficiencies including timetable for implementation.
- g. Describe recordkeeping system and responsible parties.
 - i. Explain transfer of responsibilities from construction to occupancy in the development. Document from Developer/Contractor back to Developer/Community Association or Other (e.g. County).

- h. When developments include a community association, describe how maintenance plan information will be transmitted during individual property transactions.

B. Offsite

1. Construction

- a. Describe offsite flow from Project Drainage Basin Spillway to Offsite Flow.

2. Post Construction

- a. Clarify if there are plans in the Community Development Plan to be utilized for Drainage containment or structures in the Community Development Plan (e.g. Lahaina Community Development Plan).
- b. Identify plans for "known" future developments bordering project site.

II. Erosion

A. Wind

1. Dust Control

- a. Include on plan detailed application methods, location, and when will be applied.
 - i. Clearly articulate responsible parties and metric to define periods that require specific measures.
- b. Must be applied on all sites during grubbing work.

B. Storm Water

1. Methods to manage storm water erosion need to be clearly articulated (i.e. vegetation, barriers, and/or materials).
2. Practices such as "diversions - other", require safe and adequate outlets or containment.

III. Vegetation

- A. Vegetation selected should be adapted to the area and able to survive if irrigation is removed.
- B. Drought periods need to be considered including susceptibility to ignition and spread of brush fires.