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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 maintenance procedures.
- 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.



West Maui Soil & Water Conservation District, P.O. Box 2993, Wailuku, HI 96793

TO: Maui County Land Use Committee
Chairman Robert Carroll
Vice Chair Riki Hokoma
Council Member Alika Atay
Council Member Elle Cochran
Council Member Stacy Crivello
Council Member Don S. Guzman
Council Member Kelly King
Council Member Yuki Lei Sugimura

DATE: November 8, 2018

FROM: James J. Nobriga, West Maui SWCD Chairman
Phone: 808-357-2023

SUBJECTS: - **Chapter 20.08, Maui County Code, Relating to Soil Erosion and Sediment Control (LU-47)**
- **Amending the Comprehensive Ordinance Relating to Resource Extraction or Processing (LU-48)**

On behalf of the Maui Soil & Water Conservation Districts, please accept my written testimony.

- Chapter 20.08, Maui County Code, Relating to Soil Erosion and Sediment Control (LU-47) Amendment to Proposed Bill Relating to Soil Erosion and Sediment Control (PAF 18-002):

The Soil & Water Conservation Districts strongly support *Amendment to Proposed Bill Relating to Soil Erosion and Sediment Control (PAF 18-002)*, with minor clarifying amendments:

20.08.080 Grading and grubbing permit review. Drainage engineering slope hazard report, and erosion control plans shall be submitted to the applicable soil and water conservation district(s) and to the department of land and natural resources' state historic preservation division for review and comment. Applicants shall provide information sufficient to enable the reviewing agencies to determine that the proposed work will be in conformance with the most current standards on file at the Department of Public Works of the soil and water conservation district(s) and will meet the requirements of chapter 6E of the Hawaii Revised Statutes and related administrative rules. Final approval or disapproval **shall be made** by the County [~~shall be made~~] within ten days after receiving [~~their~~] the reviewing agencies' comments.

20.08.160 Permit requirements

Permittees shall comply with the state and county laws; the recommendations of the soil and water conservation district(s) **as approved by the County**; and the requirements of the department of land and natural resources' state historic preservation division.

- Amending the Comprehensive Zoning Ordinance Relating to Resource Extraction or Processing (LU-48)

The Soil & Water Conservation Districts are **in support of the Amendment to Proposed Bill Relating to Resource Extraction and Processing (PAF 18-002)**

Thank you for this opportunity to provide our opinion on this matter. We respectfully request your support for the measures above.

