

APPLICATION EVALUATION WORKSHEET

Animal Waste Management

Applicant Name: _____ TMK#: _____
 Address: _____
 Application No: _____ Tract: _____ Farm #: _____
 Completed By: _____ Date: _____

I. LAND USE	TOTAL ACRES	ACRES TO BE TREATED	PROBLEM(S) TO BE ADDRESSED
TOTAL ACRES TO BE TREATED			

II. MAJOR RESOURCE CONCERNS & CRITERIA	MAXIMUM POINTS POSSIBLE	POINTS SCORED	DOCUMENTATION FOR POINTS SCORED
A. Animal Waste Concerns			
1 15 points for having sufficient land area to utilize nutrients & waste produced from the livestock operation.	15		Check management measure(s) or technique(s) to be implemented: <input type="checkbox"/> Land area to utilize animal waste is sufficient. <input type="checkbox"/> Number of animals will be reduced. <input type="checkbox"/> Additional land will be secured to utilize animal waste. <input type="checkbox"/> Manure will be sold.
2 10 points for diverting clean water runoff away from animal confinement areas.	10		Check practice(s) to be implemented: <input type="checkbox"/> Diversion (362) <input type="checkbox"/> Grassed Waterway or Outlet (412) <input type="checkbox"/> Lined Waterway or Outlet (468)
3 10 points for diverting or containing roof runoff away from animal confinement areas.	10		Must be implementing Roof Runoff Management (558).
4 10 points for properly handling & transporting animal waste to prevent water pollution.	10		Must be implementing Manure Transfer (634).
5 10 points for properly storing animal waste to prevent water pollution.	10		Check practice(s) to be implemented: <input type="checkbox"/> Composting Facility (317) <input type="checkbox"/> Pond, Embankment (378) <input type="checkbox"/> Pond Sealing or Lining (521A) <input type="checkbox"/> Waste Storage Facility (313) <input type="checkbox"/> Waste Treatment Lagoon (359)

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6	10 points for reducing the amount of wash water.	10		Check management measure(s) or technique(s) to be implemented: <input type="checkbox"/> Change sprinkler nozzle. <input type="checkbox"/> Reduce washing time. <input type="checkbox"/> Change cleaning procedure.
7	30 points for properly applying manure to the land to utilize the value of the nutrients & organic matter.	30		Check practice(s) to be implemented: <input type="checkbox"/> Irrigation System, Sprinkler (442) <input type="checkbox"/> Irrig. Water Conv., High Press., Undergrd., Plst. (430DD) <input type="checkbox"/> Irrigation Water Management (449) <input type="checkbox"/> Nutrient Management (590) <input type="checkbox"/> Waste Utilization (633)
8	10 points for composting animal carcasses.	10		Must be implementing Composting Facility (317).
9	1 point for every 10 animal units contributing to the problem.	100		List number of AU's (animal units) in cell to the left.
B. Soil Resource Concerns				
1	10 points for reducing soil erosion and soil loss after treatment is less than or equal to "T"; 5 points for reducing soil erosion and soil loss after treatment is greater than "T"; OR 0 points, if soil loss before treatment is "T" or less ($A_b < \text{or} = \text{"T"}$).	10		Fill in the RUSLE calculations: RUSLE (A_b) (sheet & rill "before" treatment in t/a/yr) RUSLE (A_a) (sheet & rill "after" treatment in t/a/yr) "T" List practice(s):
2	5 points for improving soil surface structure.	5		Check management measure(s) or technique(s) to be implemented: <input type="checkbox"/> Increase organic matter. <input type="checkbox"/> Reduce tillage, especially when soil is too moist.
3	5 points for breaking up tillage pan.	5		Must be implementing Chiseling & Subsoiling (324).
4	5 points for improving soil fertility.	5		Check management measure(s) or technique(s) to be implemented: <input type="checkbox"/> Increase organic matter. <input type="checkbox"/> Apply the correct amount of nutrients based on a soil test.
5	5 points for having prime agricultural soil.	5		List soil type(s):

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C. Water Resource Concerns				
1	5 points for protecting and/or improving an important waterbody.	5		<p>Check important waterbody(ies) that receive(s) runoff from the operation:</p> <p><input type="checkbox"/> Water Quality Limited Segment (WQLS). Per: Hawaii's Assessment of Nonpoint Source Pollution Water Quality Problems, DOH, 11/90.</p> <p><input type="checkbox"/> Critical Wastewater Disposal Area (CWDA). Per: Guidelines for Livestock Waste Management, DOH Wastewater Branch, 7/96.</p> <p><input type="checkbox"/> Class AA Waters (marine waters). Per: Water Quality Standards Maps, DOH, 10/87.</p> <p><input type="checkbox"/> Class I Waters (inland waters). Per: Water Quality Standards Maps, DOH, 10/87.</p> <p><input type="checkbox"/> Unified Watershed Assessment (UWA) Priority Watershed (Pelekane Bay, West Maui, South Molokai, Koolaupoko, or Nawiliwili).</p>
2	5 points for protecting and/or improving an aquifer that is currently used or has a high vulnerability to contamination.	5		<p>List the 5 digit groundwater status code in cell to the left. Note: If the first digit is "1", then it is currently used. If the last digit is "1", then it is has a high vulnerability to contamination. The status code can be found in the Aquifer Identification and Classification Groundwater Protection Strategy for Hawai'i, UH WRRRC publication for your island.</p>
3	5 points for protecting and/or improving a drinking water well that is within 1,000 feet of the operation.	5		
D. Plant and Animal Concerns				
1	5 points for restoring, enhancing, or creating wildlife habitat for game or native animal species.	5		<p>Name type of wildlife animals in the cell to the left. Note: Game or native species do not include egrets, cardinals, rats or feral animals, such as goats, pigs, & sheep. For assistance in determining eligible wildlife, contact the State Biologist.</p>
2	5 points for protecting or increasing existing habitat for threatened or endangered plant and/or animal species.	5		<p>Name T or E specie(s) protecting at left. Note: Threatened or endangered plant or animal species must be listed on a current U.S. Fish and Wildlife Service T&E species list. For assistance in determining species status, contact the State Biologist.</p>

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E. Other Resource Concerns				
1	5 points for protecting cultural site(s) on property.	5		Check practice(s) to be implemented: <input type="checkbox"/> Fence (382) <input type="checkbox"/> Hedgerow Planting (422) <input type="checkbox"/> Use Exclusion (472)
2	5 points for protecting or enhancing a wetland area.	5		
III. TOTAL ENVIRONMENTAL POINTS:		270		
(Add points from Sect. II.)				
IV. TOTAL FUNDS REQUESTED:				
V. PRELIMINARY INDEX: (Divide Sect. IV. By Sect. III.)				
VI. OTHER CONCERNS OR ADJUSTMENTS				
A.	10 points if applicant had a DOH site approval permit by the end of the sign-up period (02/15/02).			
B.	25 points if applicant had an approved DOH animal waste management plan by the end of the sign-up period (02/15/02).			
C.	10 points for an existing operation; 5 points for relocating operation; 0 points for a new operation.			
VII. FINAL INDEX OR SCORE (Sect. V. minus Sect. VI.)			#DIV/0!	

List of practices to be installed and the amount of cost-share funds requested is listed in the following pages.