

Natural Resources Conservation Service  
Pacific Islands Conservation Practice Jobsheet

Kauai  
PIA-East

**Critical Area Planting for Grassed Waterway (342)**

**Jobsheet Prepared for:** \_\_\_\_\_ **Date:** **04/25/12**

|              |        |         |               |           |     |                |     |    |
|--------------|--------|---------|---------------|-----------|-----|----------------|-----|----|
| Client Name  | Farmer |         | Business Name |           |     |                |     |    |
| Tract Number | 1234   | Field # | 1             | Field Ac. | 2.0 | Planned Amount | 0.1 | ac |

**Jobsheet Prepared by:** \_\_\_\_\_ **JAA Sufficient for Practice**

|               |         |               |   |                            |   |
|---------------|---------|---------------|---|----------------------------|---|
| Planners Name | Planner | Planners JAA: | 2 | JAA Required for Practice: | 2 |
|---------------|---------|---------------|---|----------------------------|---|

**Purpose/Justification/Site Conditions of Planned Practice**

**Resource Problem** Soil Erosion - Classic Gully

**Primary Purpose** To reduce gully erosion

**Additional Criteria to the General Criteria for the Selected Practice Purpose**

Refer to General Criteria Applicable to All Purposes

|                        |               |    |                |     |                      |     |
|------------------------|---------------|----|----------------|-----|----------------------|-----|
| <b>Site Conditions</b> | Site Rainfall | 45 | Site Elevation | 450 | Soil Map Unit Symbol | LuA |
|------------------------|---------------|----|----------------|-----|----------------------|-----|

**Summarize Conservation Practice for Cooperator**

As soon as the construction of the waterway is completed it should be seeded to establish a cover of grass as soon as possible.

**PIA Vegetative Guide Recommendations** Site Irrigated? \_\_\_\_\_

| Field Name | Species to be Planted   | Material Used for Establishment | Percent Planned | Planting Rate | Units  |
|------------|-------------------------|---------------------------------|-----------------|---------------|--------|
| 1          | Bermudagrass            | Seeding (PLS)                   | 100%            | 35            | lbs/ac |
|            | <i>Cynodon dactylon</i> |                                 |                 |               |        |

If any of the above species are potentially invasive or if they are outside the PIA Veg Guide you need approval from the Plant Materials Specialist and the appropriate Technical Specialist.

This plan will require approximately the following to be applied 3.5 lbs (PLS) Bermudagrass

**Additional Information/Requirements:**

If there is not adequate natural moisture when the waterway is completed. You should make every effort to supply supplement irrigation to help obtain a stand of grass.

**Foot notes for Veg Guide for the selected practice:**

1/Tolerant of acid, low fertility soils. 2/ Resistant to root-knot nematodes. 3/Tolerant of soil salinity and wind-born salt. 4/Potentially invasive species (see Introduction page 1). In order to include potentially invasive species in a client's conservation plan, planners are required to obtain the appropriate PIA State Agronomist's approval via email with concurrence from the PIA Plant Materials Specialist. Planners are also required to document the approval /concurrence in the client's conservation plan. 5/Pure Live Seed (PLS): The amount of PLS is equal to the percent purity multiplied by the percent germination. 6/One bushel equals 1.25 cu. ft.

**Site Preparation/Planting Times and Methods/Soil Amendments**

**Site Preparation:**

|                    |   |
|--------------------|---|
| Other              | Describe below:   |
| Other Requirements | The newly constructed waterway should be ready to plant following construction. The seed should be lightly covered with soil by using a small drag or roller. |

**Planned Planting Dates:**

As soon as the constuction is complete.

**Planting Methods:**

|                         |   |
|-------------------------|---|
| Broadcast and Roll/Drag | A proper seed bed should be established before this planting method should be used. When seeds are to be broadcast the seed bed should be firm. |
|-------------------------|---|

**Other Requirements**

**Soil Amendments**

| Recommendations: | Nitrogen (N) | Phosphate (P <sub>2</sub> O <sub>5</sub> ) | Potash (K <sub>2</sub> O) | Lime |
|------------------|--------------|--|---------------------------|------|
| lbs/ac           | 0            | 0  | 0                         | 0    |

**Operation and Maintenance Requirements**

Use of the area shall be managed as long as necessary to ensure the site remains stabile. Plantings shall be protected from pests (e.g. weeds, insects, diseases, livestock, or wildlife) as necessary to ensure long-term survival. Inspections, reseeding or replanting, and fertilization may be needed to ensure that this practice functions as intended throughout its expected life. Observation of establishment progress and success should be performed at regular intervals until the practice has met the criteria for successful establishment and implementation.

**Client's Acknowledgement** (To be completed after practice I&E and design have been approved.)

By signing below, I acknowledge that I:

- have reviewed this Job sheet and have an understanding of its contents and requirements;
- will make no changes to this Job sheet, without prior concurrence of NRCS;
- will install, operate, and maintain this practice in accordance with this Job sheet; and
- will obtain all necessary permits and/or rights, comply with all ordinances and laws, and notify all utilities pertaining to the

Signature

Date

## Cooperator Implementation Requirements

The Who, Where, Why, When, and How for Practice Implementation:

4/25/2012

### Critical Area Planting for Grassed Waterway (342)

#### Practice Summary:

As soon as the construction of the waterway is completed it should be seeded to establish a cover of grass as soon as possible.

#### Who:

This practice specification is designed for: **Farmer** By **Planner**

#### Where:

This practice will be applied on **0.1 ac** of field **1** located on tract number **1234**

#### Why:

This practice is being applied for the purpose of addressing the resource concern of:  
**Soil Erosion - Classic Gully**

#### When:

As soon as the constuction is complete.

#### How:

##### Site Preparation: Other

The newly constructed waterway should be ready to plant following construction. The seed should be lightly covered with soil by using a small drag or roller.

##### Planting Methods: Broadcast and Roll/Drag

##### Species to Plant:

Bermudagrass

##### Planting Rate:

35 lbs/ac

##### Total amount to be applied:

3.5 lbs (PLS)

##### Required Fertilizer:

lbs/ac

Nitrogen (N)

0

Phosphate (P2O5)

0

Potash (K2O5)

0

Lime

0

#### Additional Information for Practice Installation:

If there is not adequate natural moisture when the waterway is completed. You should make every effort to supply supplement irrigation to help otain a stand of grass.

