



Hawaii Department of Health
5th Joint Government Water Conference
August 2019

Natural
Resources
Conservation
Service

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U.S. Department of Agriculture Natural Resources Conservation Service (NRCS)

- **Conservation...**
- **Our Purpose. Our Passion.**
- **Farm Bill**
- **EQIP**



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Welcome to NRCS Field Office Technical Guide (FOTG)

Select a state for documents.

State:

Hawaii/Pacific Islands Area ▼

SUBMIT

Document Tree

Document Search

Recently Changed

Keyboard navigation instructions

Section I ▼

Section II ▼

Section III ▼

Section IV ▲

Old Section IV ▲

Archive Materials - Section IV ▼

Conservation Reserve Enhancement Program (CREP) Jobsheets

CURRENT Standards and Specifications ▲

1 Engineering Practice Specifications Coversheet

2 Combined Practice IRs

Access Control (472)

Access Road (560)

Agrichemical Handling Facility (309)

Agrichemical Handling Facility (309)

Documents (4)

Document Title	Type	Pub Date	Subject
309 - PI Operation and Maintenance - April 2016		2016-7-7	--
309 - PI Specification - April 2011		2011-4-21	Engineering Practice; Specification
309 - PI Standard - April 2016		2016-6-17	--
309 - PI Statement of Work - April 2016		2016-6-17	--

Practice Effects

	Practice Code	Water Quality Degradation - Pesticides in Surface Water	Water Quality Degradation - Pesticides in Groundwater	Water Quality Degradation - Nutrients in Surface water	Water Quality Degradation - Nutrients in Groundwater
Irrigation Land Leveling	464	2	2	2	2
Irrigation Pipeline	430	0	0	1	0
Irrigation Reservoir	436	0	0	0	-1
Irrigation System, Microirrigation	441	2	2	2	2
Irrigation Water Management	449	2	2	2	2
Lined Waterway or Outlet	468	0	0	0	2
Livestock Pipeline	516	0	0	0	0
Mulching	484	2	0	2	-1
Nutrient Management	590	0	0	5	5
Open Channel	582	0	0	-1	0
Pond	378	0	0	2	-1
Precision Land Forming	462	1	1	1	2
Prescribed Grazing	528	2	1	1	1
Range Planting	550	2	2	1	1
Residue and Tillage Management, No Till	329	4	0	2	-1
Residue and Tillage Management, Reduced Till	345	4	0	2	0
Restoration and Management of Rare or Declining Habitats	643	0	0	0	0
Riparian Forest Buffer	391	3	1	5	5
Riparian Herbaceous Cover	390	2	2	5	5
Reef Runoff Structure	558	0	0	2	2

Conservation Practice Effects

CPPE Practice Effects:

5 Substantial Improvement

4 Moderate to Substantial Improvement

3 Moderate Improvement

2 Slight to Moderate Improvement

1 Slight Improvement

0 No Effect

-1 Slight Worsening

-2 Slight to Moderate Worsening

-3 Moderate Worsening

-4 Moderate to Substantial Worsening

-5 Substantial Worsening

Assistance - Practices

FOTG – Section IV

	Practice Code	Water Quality Degradation - Pesticides in Surface Water	Water Quality Degradation - Pesticides in Groundwater	Water Quality Degradation - Nutrients in Surface water	Water Quality Degradation - Nutrients in Groundwater
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Irrigation Reservoir	436	0	0	0	-1
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Irrigation Water Management	449	2	2	2	2
Lined Waterway or Outlet	468	0	0	0	2
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Mulching	484	2	0	2	-1
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U.S. Department of Agriculture Natural Resources Conservation Service (NRCS)

- **Conservation...**
Our Purpose. Our Passion.
- **Farm Bill**
- **EQIP**
- **Initiatives**



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National Water Quality Initiative

Purpose **water quality**



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Assistance - Practices

FOTG – Section IV

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National Water Quality Initiative

Purpose

**water quality
targeted
voluntary
part of an effort**



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National Water Quality Initiative

\$300M in 201 watersheds

**16 source water protection
added**

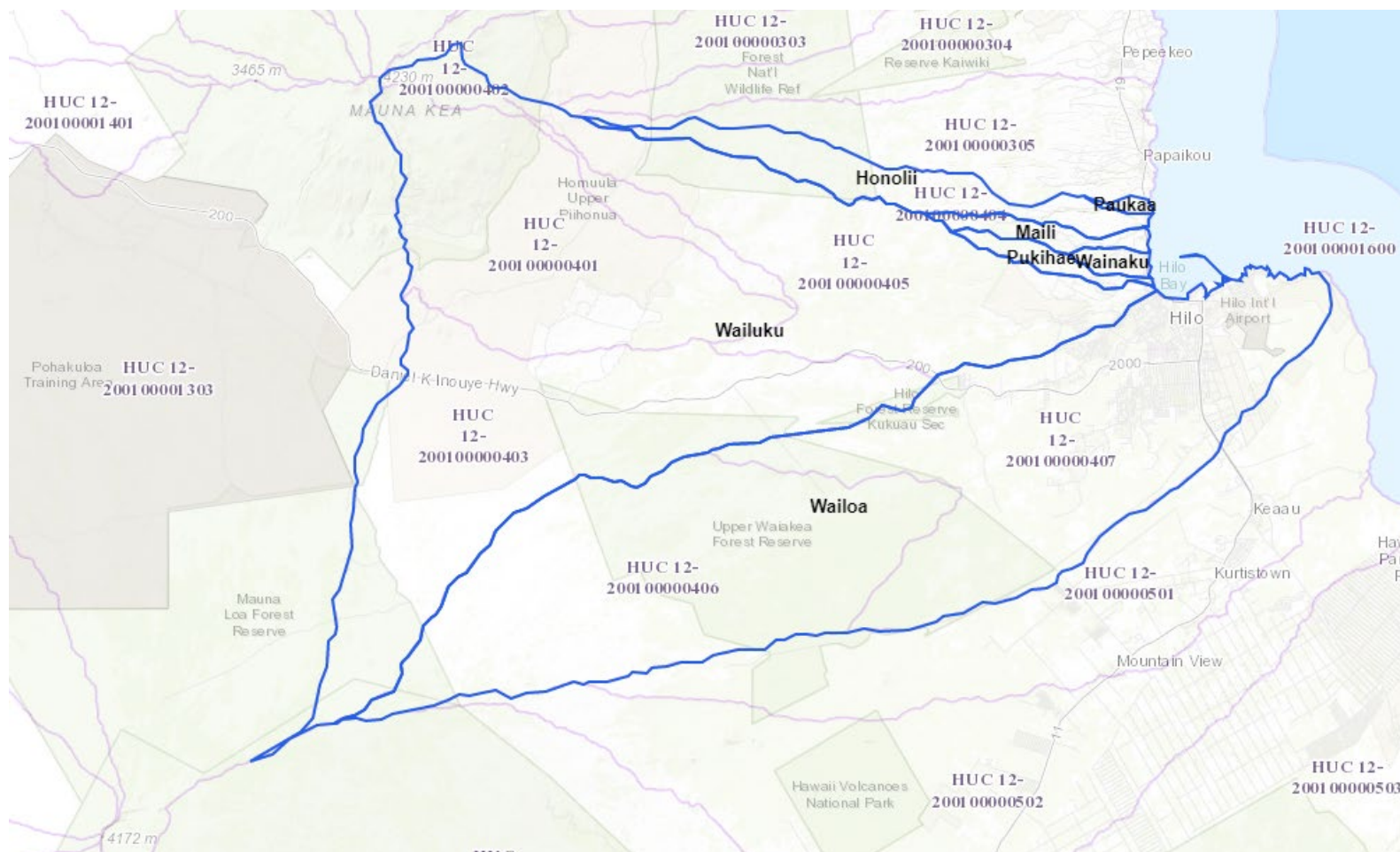
In PLA, Hilo Bay



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Hilo Bay - \$1.38M since 2013



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For FY 2020 and beyond...

- **FY 2019 Readiness**
- **Would like to nominate additional project areas each year**

How to pick?



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What makes a good NWQI project?

- **Metric**
- **Practices**
- **Participants**
- **Partners**

Can you think of a project?



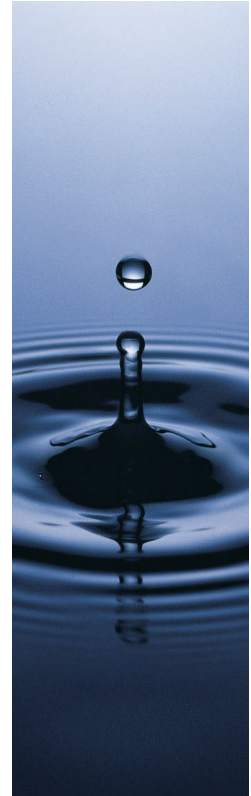
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Source Water Protection

Farm Bill:

- **Identification of local priority areas**
- **Quality, Quantity or both**
- **Increased incentives for practices**
- **Dedicating 10% of total funds for the benefit of source water protection**

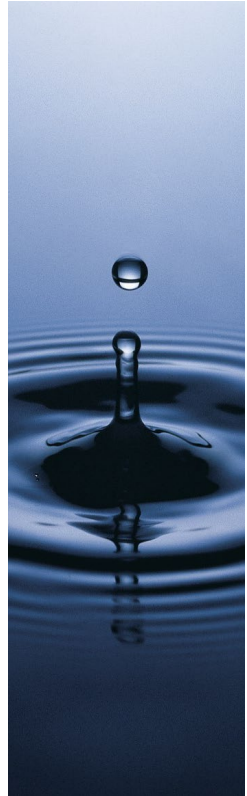


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Identification of Priority Areas

- **State Technical Advisory Committee**
- **Local Working Groups**



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What makes an area a priority?

- **SWPA**
- **Agriculture is source of degradation of quality or availability**
- **Metric**
- **Practices**
- **Participants**
- **Partners**



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Questions or comments:

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