



Hawaii Department of Health  
**5<sup>th</sup> 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

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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
<a href="#">309 - PI Operation and Maintenance - April 2016</a>		2016-7-7	--
<a href="#">309 - PI Specification - April 2011</a>		2011-4-21	Engineering Practice; Specification
<a href="#">309 - PI Standard - April 2016</a>		2016-6-17	--
<a href="#">309 - PI Statement of Work - April 2016</a>		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 Buffer 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

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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**

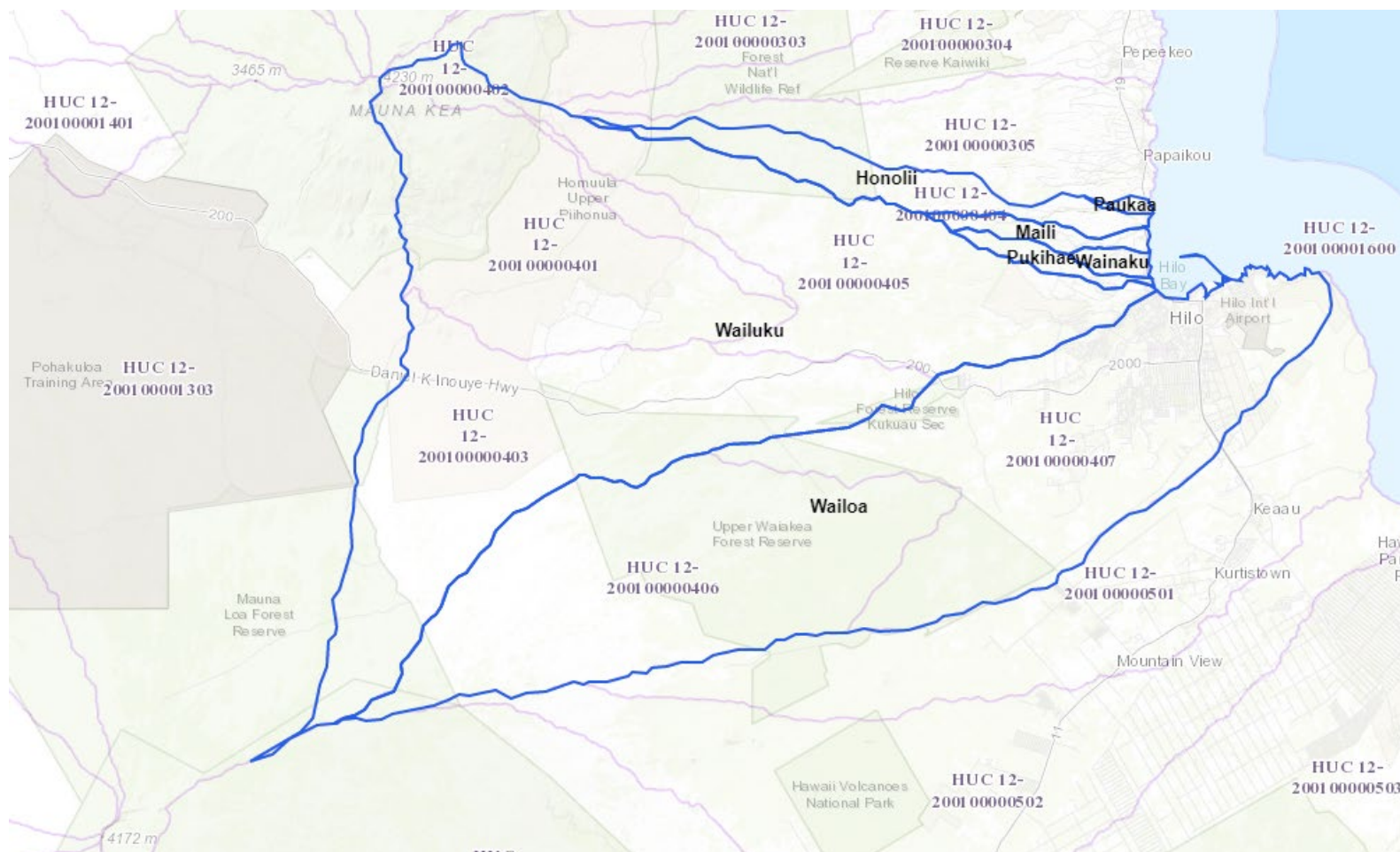
**In PLA, Hilo Bay**



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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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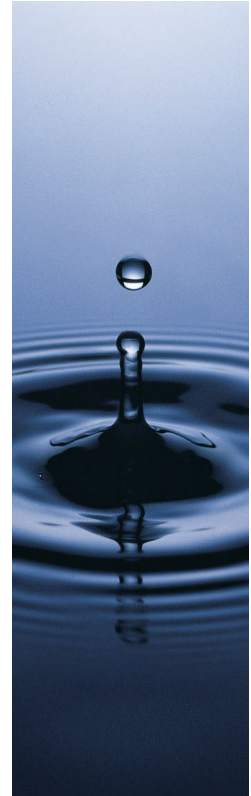
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# Source Water Protection

## 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:

**Susan Kubo**  
**[susan.kubo@usda.gov](mailto:susan.kubo@usda.gov)**  
**(808) 600-2921**



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