

**Resource Concern and Practice Matrix
FY 2016 Hilo Bay Water Quality Initiative**

NRCS Natural Resource Concern Categories for ProTracts Application, Evaluation, and Ranking Tool (AERT) 		Excessive Sediment in Surface Water <u>PRIMARY</u>	Excess Nutrients in Ground Water	Excess Nutrients in Surface Water <u>PRIMARY</u>	Excess Pesticides in Surface Water	Excess Pesticides in Ground	Fish and Wildlife – Inadequate Habitat - Water	Excess Pathogens and Chemicals from Manure, Bio-solids or Compost Applications in Groundwater	Excess Pathogens and Chemicals from Manure, Bio-solids or Compost Applications in Surface Water <u>PRIMARY</u>
Conservation Practice 	Code	"C" = Core practice required to be offered in each approved watershed; "X" = Supporting practices are optional, but can be used to support the Core practice. A minimum of one Core practice is required in each contract.							
Agrichemical Handling Facility	309				X	X			
Alley Cropping	311	X	X	X	X	X			
Waste Storage Facility	313		C	C				C	C
Brush Management	314	X	X	X				X	X
Herbaceous Weed Control	315	X	X	X				X	X
Composting Facility	317		C	C	C	C		C	C
Conservation Cover	327	C	C	C	C	C		C	C
Conservation Crop Rotation	328	C	C	C	C	C		C	C
Residue and Tillage Management, No Till/Strip Till/Direct Seed	329	C	C	C	C	C		C	C
Contour Farming	330	C	C	C	C	C		C	C
Contour Orchard Other Perennial Crops	331	C	C	C	C	C		C	C
Cover Crop	340	C	C	C	C	C		C	C
Critical Area Planting	342	C	C	C	C	C		C	C
Residue and Tillage Management, Mulch Till	345	C	C	C	C	C		C	C
Sediment Basin	350	X	X	X	X	X		X	X
Diversion	362	X	X	X	X	X		X	X
Roofs and Covers	367	X	X	X				X	X
Pond	378	X	X	X	X	X		X	X
Windbreak/Shelterbelt Establishment	380	X			X	X			
Silvopasture Establishment	381	X	X	X	X	X		X	X
Fence	382	X	X	X	X	X		X	X
Woody Residue Treatment	384	X	X	X	X	X		X	X
Field Border	386	C	C	C	C	C		C	C
Riparian Herbaceous Cover	390	C	C	C	C	C		C	C
Riparian Forest Buffer	391	C	C	C	C	C		C	C
Filter Strip	393	C	C	C	C	C		C	C
Grade Stabilization Structure	410	C	C	C	C	C		C	C
Grassed Waterway	412	C	C	C	C	C		C	C
Hedgerow Planting	422	X	X	X	X	X		X	X
Irrigation Pipeline	430	X	X	X	X	X		X	X
Irrigation System, Microirrigation	441	X	X	X	X	X		X	X
Sprinkler System	442	X	X	X	X	X		X	X
Irrigation Water Management	449	C	C	C	C	C		C	C
Lined Waterway or Outlet	468	X	X	X	X	X		X	X
Access Control	472	C	C	C	C	C		C	C
Mulching	484	X	X	X	X	X		X	X
Tree/Shrub Site Preparation	490	X	X	X	X	X		X	X
Forage and Biomass Planting	512	X	X	X	X	X		X	X
Livestock Pipeline	516	X	X	X				X	X
Pond Sealing	521A	X	X	X	X	X		X	X
Prescribed Grazing	528	C	C	C	C	C		C	C
Pumping Plant	533	X	X	X				X	X

