



Completion of this survey will help the agricultural community in Pacific County meet its participation standards under the Voluntary Stewardship Program (VSP). This Individual Stewardship Plan survey will be used to assess trends in implementation of practices that support agricultural viability and critical area protection in Pacific County. The individual results of this survey will be held in confidentiality by the Pacific Conservation District. External reporting of Individual Stewardship Plan results will only occur at the watershed scale.

Answers marked with * are required.

Section 1. Introduction and Site Assessment

Your name*:	
Phone number or email address*:	
Today's date:	
Agricultural business address:	
Name of person who manages your farm:	
Number of acres in agricultural production*:	

What products do you produce?*

- Cranberries
- Dairy
- Shellfish
- Livestock
- Other:

Please identify which of the following critical areas are on your property (multiple answers are okay)*:

- Wetland
- Willapa Bay
- Stream
- Endangered, threatened, or sensitive species (e.g. streaked horned lark, western snowy plover)
- Geologic hazards (e.g. steep slopes, landslide hazards, erosion hazards)
- Floodplain
- Aquifer recharge areas (i.e. Long Beach [North Beach] Peninsula and Grayland)
- None – I do not have any critical areas on my property



For each question, please answer by placing an “X” the appropriate box.

	Yes	No	Unsure
Do you observe runoff from your property during regular rain events?			
Do you have a farm plan prepared in coordination with the Pacific Conservation District?			
If yes, in what year was it prepared?			
Do you participate in Global Gap?			
If yes, what year did you enroll?			
Please list any other agricultural certification programs in which you participate:			

Section 2. Agricultural Viability

The following questions are based on an assessment of risks to agricultural viability in Pacific County. Your answers will be used to identify needs and opportunities for programs and/or outreach that can help support agricultural viability.

For each question, please answer by placing an “X” the appropriate box.

Regulatory Consistency	Yes	No	Unsure
Do you keep yourself informed of updates to relevant federal and state regulations and guidance?			

Comments on regulatory consistency:

Estate Planning	Yes	No	Unsure
Have you developed estate planning?			

Comments on estate planning:

Risk Management	Yes	No	Unsure
Do you carry crop insurance?			
Have you documented your assets to ensure that your will has adequate records in case of a need for emergency claims?			

Comments on risk management:



Labor Supply	Yes	No	Unsure
Is adequate labor available to staff your production activities?			

Comments on labor supply and infrastructure:

Pollinator Health	Yes	No	Unsure
Do you manage your lands to incorporate habitat for a diverse assemblage of pollinators?			

Have you or the land manager received training or advice in managing lands to improve habitat for native pollinators prior to/since 2011?			
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Comments on pollinator health:

Additional comments related to agricultural viability:



Section 3. Pesticides, Herbicides, and Fertilizers

This section relates to the following critical areas: streams, estuarine habitats, wetlands, and critical aquifer recharge areas. The following questions may apply to a range of producers and operations.

For each question, please answer by placing an “X” the appropriate box. If questions do not apply to your practices or conditions, please place an “X” in the “Not Applicable” box.

	I have maintained practices since 2011	I have improved practices since 2011	Not as much as in 2011	Unsure	Not Applicable
Have you or the land manager received training, education, or advice in integrated pest management prior to/since 2011?					
Do you follow WSDA mandates (new RCWs and WACs) regarding application of pesticides?					
Do you implement integrated pest management and stewardship practices for pesticide application?					
Do you implement best practices for storage and disposal of pesticides, including abandoned storage depots?					
Do you implement measures to limit pesticide, herbicide, or fertilizer transfer to drainage systems?					
Do you implement stewardship practices to manage agricultural runoff and leaching?					

Please provide additional comments related to your practices to limit the transport of pesticides, herbicides, and fertilizers to critical areas (optional):



Section 4. Sediment Runoff

This section relates to the following critical areas: streams, estuarine habitats, and wetlands. The following questions may apply to a range of producers and operations.

For each question, please answer by placing an “X” the appropriate box. If questions do not apply to your practices or conditions, please place an “X” in the “Not Applicable” box.

	I have maintained practices since 2011	I have improved practices since 2011	Not as much as in 2011	Unsure	Not Applicable
Have you improved your access road to limit erosion issues?					
Do you disperse concentrated flows from roof runoff or impervious surfaces like concrete pads away from high-use areas?					
Do you avoid or limit tilling during the wet season?					

Please provide additional comments related to your practices to limit sediment-laden runoff (optional):

Section 5. Spill Prevention and Response

This section relates to the following critical areas: streams, estuarine habitats, wetlands, and critical aquifer recharge areas. The following questions may apply to a range of producers and operations.

For each question, please answer by placing an “X” the appropriate box. If questions do not apply to your practices or conditions, please place an “X” in the “Not Applicable” box.

	I have maintained practices since 2011	I have improved practices since 2011	Not as much as in 2011	Unsure	Not Applicable
Do you employ spill prevention measures, such as secondary containment?					



	I have maintained practices since 2011	I have improved practices since 2011	Not as much as in 2011	Unsure	Not Applicable
Do you have emergency protocols and materials in place to respond to accidental spills?					
Do you implement measures to prevent contamination resulting from flooding events?					

Please provide additional comments related to your practices to prevent and respond to spills (optional):

Section 6. Water Quantity

This section relates to the following critical areas: streams, wetlands, and critical aquifer recharge areas. The following questions may apply to a range of producers and operations.

For each question, please answer by placing an “X” the appropriate box. If questions do not apply to your practices or conditions, please place an “X” in the “Not Applicable” box.

	I have maintained practices since 2011	I have improved practices since 2011	Not as much as in 2011	Unsure	Not Applicable
If you irrigate, have you taken steps to improve irrigation efficiency (e.g. sprinkler systems, drip irrigation, etc.)?					
Do you use water catchment and retention strategies?					

Please provide additional comments related to your practices to conserve water (optional):



Section 7. Floodplain

This section relates to the following critical areas: streams, wetlands, critical aquifer recharge areas, and frequently flooded areas. The following questions may apply to a range of producers and operations.

For each question, please answer by placing an “X” the appropriate box. If questions do not apply to your practices or conditions, please place an “X” in the “Not Applicable” box.

	I have maintained practices since 2011	I have improved practices since 2011	Not as much as in 2011	Unsure	Not Applicable
If your property is within the floodplain, are your operations compatible with seasonal or occasional winter flooding?					

Please provide additional comments related to your practices to maintain floodplain functions (optional):

Section 8. Stream and Riparian Habitat

This section relates to the following critical areas: streams and wetlands. The following questions may apply to a range of producers and operations.

For each question, please answer by placing an “X” the appropriate box. If questions do not apply to your practices or conditions, please place an “X” in the “Not Applicable” box.

	I have maintained practices since 2011	I have improved practices since 2011	Not as much as in 2011	Unsure	Not Applicable
Do you maintain vegetated riparian areas that separate your agricultural activities from adjacent streams or wetlands?					

Please provide additional comments related to your practices to maintain stream and riparian habitat (optional):



Section 9. Wetlands

This section relates to the following critical areas: wetlands. The following questions may apply to a range of producers and operations.

For each question, please answer by placing an “X” the appropriate box. If questions do not apply to your practices or conditions, please place an “X” in the “Not Applicable” box.

	I have maintained practices since 2011	I have improved practices since 2011	Not as much as in 2011	Unsure	Not Applicable
Do you conduct measures to protect or improve the water quality or habitat condition of existing wetlands?					

Please provide additional comments related to your practices to protect or improve wetland areas (optional):

Section 10. Listed Species

This section relates to the following critical areas: fish and wildlife habitat conservation areas. The following questions may apply to a range of producers and operations.

For each question, please answer by placing an “X” the appropriate box. If questions do not apply to your practices or conditions, please place an “X” in the “Not Applicable” box.

	I have maintained practices since 2011	I have improved practices since 2011	Not as much as in 2011	Unsure	Not Applicable
Do you conduct measures to maintain or improve habitat for threatened, endangered, or sensitive species that occur on your property? If yes, please describe these measures in the comments below.					

Please provide additional comments related to your practices to maintain or improve habitat for threatened, endangered, or sensitive species (optional).



	I have maintained practices since 2011	I have improved practices since 2011	Not as much as in 2011	Unsure	Not Applicable
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Section 11. Voluntary Restoration Projects

This section relates to the following critical areas: streams, estuarine habitats, wetlands, and critical aquifer recharge areas. The following questions may apply to a range of producers and operations.

For each question, please answer by placing an “X” the appropriate box. If questions do not apply to your practices or conditions, please place an “X” in the “Not Applicable” box.

	I have maintained practices since 2011	I have improved practices since 2011	Not as much as in 2011	Unsure	Not Applicable
Have you conducted projects to restore or enhance floodplain or surge wetland functions?					
Have you repaired or replaced any culverts or tidegates to improve fish passage prior to/since 2011?					
Have you conducted any stream habitat restoration projects on your property?					
Have you conducted any estuarine enhancement or restoration projects prior to/since 2011?					

Please provide additional comments related to any voluntary restoration projects (optional):



Section 12. Physical Safety – Flooding and Geohazards

This section relates to the following critical areas: frequently flooded areas and geologically hazardous areas. The following questions may apply to a range of producers and operations.

For each question, please answer by placing an “X” the appropriate box. If questions do not apply to your practices or conditions, please place an “X” in the “Not Applicable” box.

	I have maintained practices since 2011	I have improved practices since 2011	Not as much as in 2011	Unsure	Not Applicable
Do you ensure compliance with the County’s Flood Damage Prevention Ordinance?					
Have you relocated any structures out of the mapped floodway?					
Do you regularly inspect and maintain any dikes or tidegates on your property?					
Do you implement stewardship practices to control drainage near geologically sensitive areas?					
Please provide additional comments related to your practices to maintain safety in areas prone to flooding and geohazards (optional):					



Section 13. Additional Questions for Cranberry Farmers

Questions specific to cranberry production relate to water quality control measures. This section relates to the following critical areas: streams, estuarine habitats, wetlands, and critical aquifer recharge areas.

For each question, please answer by placing an “X” the appropriate box. If questions do not apply to your practices or conditions, please place an “X” in the “Not Applicable” box.

Pesticides, Herbicides, and Fertilizers	I have maintained practices since 2011	I have improved practices since 2011	Not as much as in 2011	Unsure	Not Applicable
Do you perform annual chemigation system checks?					
Do you implement stewardship practices to reduce nutrient, pathogen, and/or pesticide transfer to drainage?					
Do you implement fertilization plans to minimize the use of nutrients?					

Please provide additional comments related to your practices to limit transport of pesticides, herbicides, and fertilizers to drainages (optional):



Section 14. Additional Questions for Livestock and Dairy Farmers

Questions specific to livestock/dairy production relate to water quality control measures, including fecal coliform and nutrients and riparian management. This section relates to the following critical areas: streams, estuarine habitats, wetlands, and critical aquifer recharge areas.

For each question, please answer by placing an “X” the appropriate box. If questions do not apply to your practices or conditions, please place an “X” in the “Not Applicable” box.

Fecal Coliform and Nutrients	I have maintained practices since 2011	I have improved practices since 2011	Not as much as in 2011	Unsure	Not Applicable
Do you implement stewardship practices to avoid water pollution from animal waste?					
Have you or the land manager received training in stocking rates and/or rotational grazing prior to/since 2011?					
Do you implement rotational grazing practices or other measures to prevent overstocking?					
Are your livestock concentration areas positioned away from surface waters?					
Please provide additional comments related to your practices that limit the transport of fecal coliform and nutrients to critical areas (optional):					



Riparian Management	I have maintained practices since 2011	I have improved practices since 2011	Not as much as in 2011	Unsure	Not Applicable
Do you provide off-stream watering access for livestock?					
Do you maintain barriers (vegetation, fencing, berms) to discourage livestock from entering streams?					
Have you improved stream crossing conditions to minimize instream disturbance?					

Please provide additional comments related to your practices that manage riparian areas (optional):



Section 15. Additional Questions for Shellfish Farmers

Questions specific to shellfish production relate to water quality control measures, limiting the effects of practices on adjacent habitats, and ensuring that practices do not contribute to marine debris. This section relates to the following critical areas: estuarine habitats.

For each question, please answer by placing an “X” the appropriate box. If questions do not apply to your practices or conditions, please place an “X” in the “Not Applicable” box.

NPDES Consistency	I have maintained practices since 2011	I have improved practices since 2011	Not as much as in 2011	Unsure	Not Applicable
Do you ensure compliance with NPDES permit requirements for WSDA-approved pesticide application on marine lands?					
If you have an NPDES permit for shellfish hatchery or processing activities, do you comply with NPDES permit requirements?					
Please provide additional comments related to NPDES consistency (optional):					

Harvest Practices	I have maintained practices since 2011	I have improved practices since 2011	Not as much as in 2011	Unsure	Not Applicable
If you practice mechanical shellfish harvesting, do you implement stewardship practices to minimize disturbance to adjacent habitats?					
If you practice off-bottom operations, do you position your gear to minimize effects to silt accretion and hydrodynamics?					
Please provide additional comments related to your practices to limit disturbance to adjacent habitats from harvest (optional):					



	I have maintained practices since 2011	I have improved practices since 2011	Not as much as in 2011	Unsure	Not Applicable
Harvest Practices					

	I have maintained practices since 2011	I have improved practices since 2011	Not as much as in 2011	Unsure	Not Applicable
Marine Debris					
Do you remove all gear from tidelands when not in use?					
Do you engage in practices to keep longline rope from becoming debris?					

Please provide additional comments related to your practices to manage debris (optional):



Section 16. Follow-up

In the following section, please indicate any areas where you would be interested in implementing new or additional conservation measures if funding and/or technical assistance are available.

For each type of new practice, please indicate interest by placing an “X” the appropriate box. If practices do not apply to your operation, please place an “X” in the “Not Applicable” box.

	Yes, if funding is available	Yes, if technical assistance is available	Yes, on my own	No	Not Applicable
Estate planning and risk management					
Pollinator habitat					
Managing nutrients and runoff					
Managing application of pesticides, herbicides, and fertilizer					
Livestock management					
Irrigation efficiencies and water catchment strategies					
Improving floodplain, wetland, instream, or riparian habitat					
Improving habitat for threatened, endangered, or sensitive species					
Managing flood risks					

Please indicate any other activities that you are interested in, which are not listed above:

Please provide any additional comments on this section: