Farm Evaluation

Instructions-Overview

The practices recorded on the Farm Evaluation should correspond to the Assessor's Parcel Numbers (APNs) you have enrolled with your Coalition and reflect practices implemented during the previous year. You may subdivide a parcel into multiple fields, using Field IDs or by assigning names for each field.

> *For example, you might have two fields of different irrigation practices on one APN, so fields could be identified as APN# 111-00-222; field A; APN# 111-00-222, field B, etc. or any other designation used by the County Agricultural Commissioner or your own records.*

If all parcels/fields listed have the same practices, fill out one (1) survey for all enrolled parcels and return. If a field with the same management practices is greater than 640 acres, more than one survey will need to be completed.

If some parcels/fields listed have different practices, make copies of Section 3 and fill out one (1) copy for each parcel/field with different practices.

> *For example, a member has 3 parcels enrolled (Parcel A, B and C) and Parcel A and B are managed the same way. Fill out Section 1 and 2 for all 3 parcels, but complete one Section 3 for Parcels A and B and another Section 3 for Parcel C to record the practices that differ from A and B.*

Step by Step Instructions

The Farm Evaluation has 4 components:

Section 1: Whole Farm Evaluation
Section 2: Irrigation Well Information
Section 3: Sediment & Erosion Control Practices
Section 4: Farm Map(s)

***Step 1*:** Section 1: Answer Questions 1 – 3 for all enrolled parcels by marking all applicable responses. Under Question 4, record the count of drinking water supply wells located on each of your parcels. If a parcel does not contain drinking water supply wells, record a zero in the appropriate box(es).

Step 2: Section 2: Complete the Wellhead Protection Practices table and/or Abandoned Well Practices table for all irrigation and abandoned wells on your property. Give each well a unique identifier (Well ID) and list them in the first column of the table. Complete the table by marking which Wellhead Protection Practices or Abandoned Well Practices apply to each of your wells. Mark the location of all in-use wells (irrigation and drinking water supply wells), abandoned wells, and off farm surface water discharge points on a Farm Map. Wells should be marked with the Well ID noted on the Farm Evaluation. Keep the map in your files (do not return to the Coalition). The map(s) with well identifiers must be produced if you have a Regional Water Board compliance inspection. *If your land does not contain irrigation wells or abandoned wells, check the appropriate box above the Wellhead Protection Practices table and/or the Abandoned Well Practices Table.*

Step 3: Section 3, Question 1: Indicate the parcels (APNs) for which this section applies. Fill in crop and irrigated acreage for each parcel/field enrolled in the Coalition. Remember to fill out a survey for each of your enrolled parcels for the reporting period. *If parcels or fields differ in their practices you must make a copy of the page to report the practices for each group of parcels/fields.*

Step 4: Section 3, Questions 2 and 3: For the parcels that **you identified** at the top of the page, answer questions 2 and 3. Complete a copy for each group of fields with differing management practices.

***Step 5*:** Section 4: Complete a Farm Map(s) of your enrolled parcels (those that are included in **Step 3**) and indicate the location of in-use wells and abandoned wells (use Well IDs from **Step 2**). Mark on the map the locations of off-farm surface water discharge points. Keep the Farm Map on site for inspections.

***Step 6*:** Once all sections have been completed, sign the bottom of Section 1 to certify that all the information provided is current and accurate. Return the signed Farm Evaluation to the Coalition (Sections 1-3).

Section 1 – Whole Farm Evaluation

Member Name: _____ Coalition Member ID#: _____

1. **Pesticide Application Practices: (Check all that apply)**

- ☐ County Permit Followed
- ☐ Follow Label Restrictions
- ☐ Sensitive Areas Mapped
- ☐ Attend Trainings
- ☐ End of Row Shutoff When Spraying
- ☐ Avoid Surface Water When Spraying
- ☐ Reapply Rinsate to Treated Field
- ☐ Target Sensing Sprayer used
- ☐ Use Drift Control Agents
- ☐ Monitor Wind Conditions
- ☐ Use Appropriate Buffer Zones
- ☐ Use Vegetated Drain Ditches
- ☐ Monitor Rain Forecasts
- ☐ Use PCA Recommendations
- ☐ Chemigation
- ☐ No Pesticides Applied
- ☐ Other _____
- ☐ Other _____

2. **Who assists with the development of your irrigation and crop fertility plan? (Check all that apply)**

- ☐ Certified Crop Adviser (CCA)
- ☐ Pest Control Adviser (PCA)
- ☐ NRCS Technical Service Provider (TSP)
- ☐ Certified Professional Soil Scientist (CPSS)
- ☐ Certified Professional Agronomist (CPAg)
- ☐ Independently Prepared by Member
- ☐ UCCE Farm Advisor
- ☐ Certified Agricultural Irrigation Specialist
- ☐ Other _____

3. **Does your farm have the potential to discharge sediment to off-farm surface waters?**

   Circle One: Yes No

   Note: Answering "yes" above will trigger the requirement of a Sediment and Erosion Control Plan for your membership. If Best Management Practices or control measures prevent sediment discharge, you should contact your Coalition to determine if you need a Sediment and Erosion Control Plan.

4. **Information on your on-farm drinking water supply wells located on enrolled parcels**

   Indicate the number of active drinking water supply wells on each of your enrolled parcels.

   NOTE: This section is for active drinking water wells only. If you have any abandoned or irrigation wells, you will need to complete Section 2.

   ☐ **Check this box If you have no active drinking water wells on your property.**

Enrolled Parcel (APN)	# of Drinking Water Wells

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel or represented Members properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for knowingly submitting false information, including the possibility of fine and imprisonment for violations.

_____ _____ _____

Printed Name ***Date*** ***Signature***

Section 2 – Irrigation Well and Abandoned Well Information

Member Name: _____ Coalition Member ID#: _____

1. **Irrigation Wells**: Create a unique Well ID for each irrigation well. For each well, fill in the table below with the Well ID and mark an "X" under the practices that apply to the individual well. Mark the location of your wells on the provided Farm Map(s) or your own farm map using the unique Well ID.

☐	Check this box if you have no irrigation wells on your parcel(s).					
Well ID (A unique name of your choice)	Wellhead Protection Practices					
	Ground Sloped Away from Wellhead	Standing water avoided around wellhead	Good Housekeeping Practices*	Air Gap (for non-pressurized systems)	Backflow Preventive / Check Valve	Cement Pad

*Good housekeeping practices include keeping the area surrounding the wellhead clean of trash, debris and any empty containers.

Comments: _____

2. **Abandoned Wells**: Create a unique Well ID for each abandoned well. Mark the location of your wells on the provided Farm Map(s) or your own farm map using the unique Well ID. Indicate the year the well was abandoned (write "UNK" if the year is unknown; approximation is okay) and mark how the well was destroyed with an "X" under the appropriate practice.

☐	Check this box if you have no abandoned wells on your parcel(s)			
Well ID (A unique name of your choice)	Abandoned Well Practices			
	If abandoned, year abandoned	Destroyed – certified by county	Destroyed by licensed professional	Destroyed - Unknown method

Comments: _____

Section 3 – Sediment & Erosion Control Practices

Member Name: _____ Coalition Member ID#: _____

1. **Identify the Parcels and Fields this section applies to.** Indicate in the first column if the parcel is part of a Surface Water or Groundwater Quality Management Plan. Enter the number of crop and irrigated acres for each parcel. Fill out a separate Section 3 for each group of parcels/fields with different practices.

Management Plan	Parcel (APN)	Field ID	Acres	Crop
☐	_____	_____	_____	_____
☐	_____	_____	_____	_____
☐	_____	_____	_____	_____
☐	_____	_____	_____	_____

2. Irrigation Practices for Managing Sediment and Erosion (Check all that apply)

- ☐ In-furrow dams are used to increase infiltration and settling out of sediment prior to entering the tail ditch.
- ☐ The time between pesticide applications and the next irrigation is lengthened as much as possible to mitigate runoff of pesticide residue.
- ☐ Shorter irrigation runs are used with checks to manage and capture flows.
- ☐ PAM (polyacrylamide) used in furrow and flood irrigated fields to help bind sediment and increase infiltration.
- ☐ Use drip or micro-irrigation to eliminate irrigation drainage.
- ☐ Use of flow dissipaters to minimize erosion at discharge point.
- ☐ Tailwater Return System.
- ☐ Catchment Basin.
- ☐ No irrigation drainage due to field or soil conditions.
- ☐ Other: _____

3. Cultural Practices for Managing Sediment and Erosion (Check all that apply)

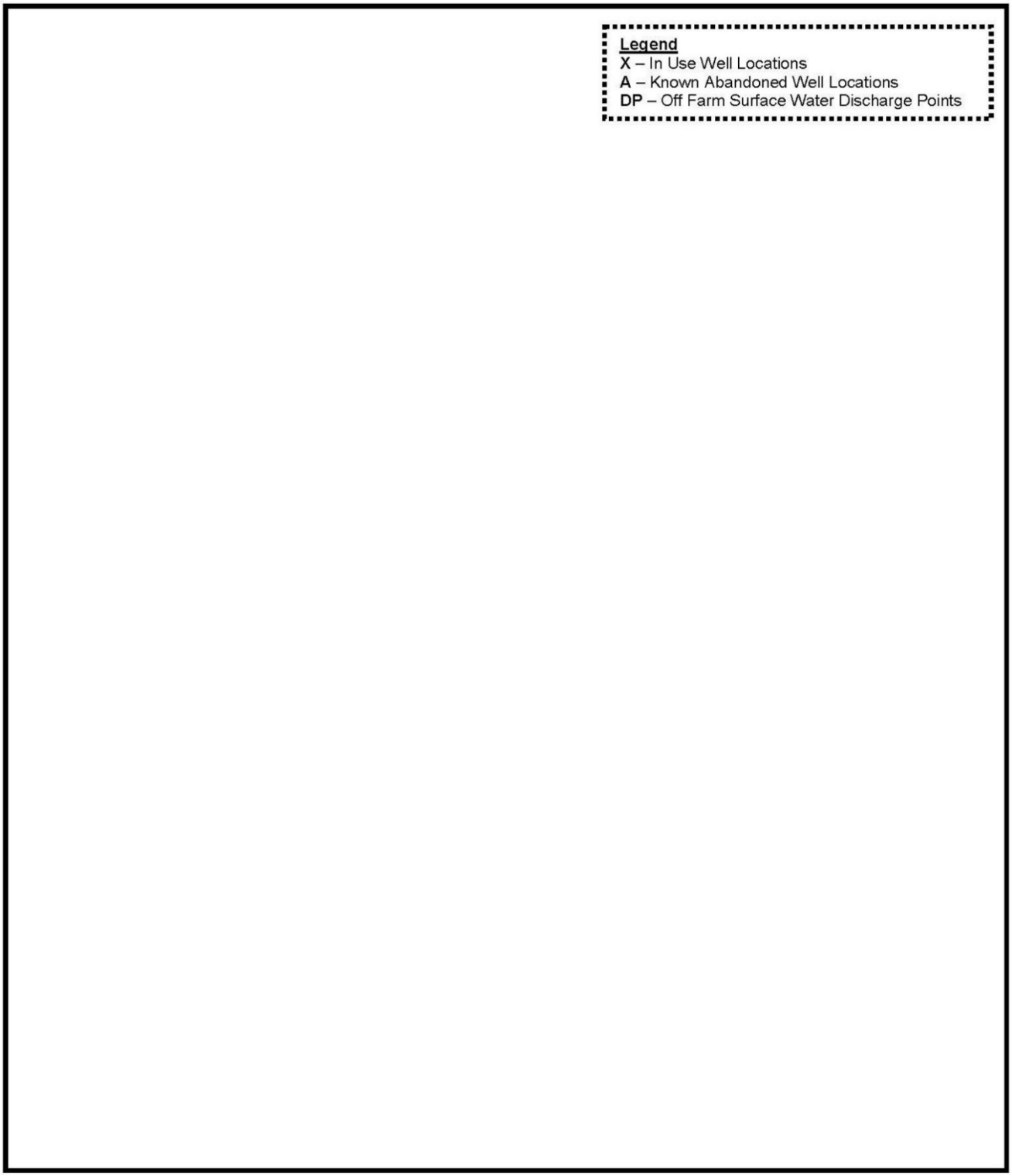
- ☐ Storm water is captured using field borders.
- ☐ Vegetated ditches are used to remove sediment as well as water soluble pesticides, phosphate fertilizers and some forms of nitrogen.
- ☐ Vegetative filter strips and buffers are used to capture flows.
- ☐ Sediment basins / holding ponds are used to settle out sediment and hydrophobic pesticides such as pyrethroids from irrigation and storm runoff.
- ☐ Cover crops or native vegetation are used to reduce erosion.
- ☐ Hedgerows or trees are used to help stabilize soils and trap sediment movement.
- ☐ Soil water penetration has been increased through the use of amendments, deep ripping and/or aeration.
- ☐ Crop rows are graded, directed and at a length that will optimize the use of rain and irrigation water.
- ☐ Creek banks and stream banks have been stabilized.
- ☐ Subsurface pipelines are used to channel runoff water.
- ☐ Berms are constructed at low ends of fields to capture runoff and trap sediment.
- ☐ Minimum tillage incorporated to minimize erosion.
- ☐ Field is lower than surrounding terrain.
- ☐ No storm drainage due to field or soil conditions.
- ☐ Other: _____

Member Name: _____ **Coalition Member ID#:** _____

Section 4 – Farm Map

(Keep Onsite- For Inspection Purposes Only)

Update map with well locations and surface water discharge points.



A Farm Map must be kept on farm for inspection purposes. The map must contain your parcels enrolled in the Coalition, well locations (all in use wells and abandoned wells) and surface water discharge points.