Part A – 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 do you have help develop your crop nutrient application plan? (Check all that apply)

- ☐ Certified Crop Advisor (CCA)
- ☐ Pest Control Advisor (PCA)
- ☐ Certified Technical Service Providers by NRCS
- ☐ Professional Soil Scientist
- ☐ Professional Agronomist
- ☐ Independently Prepared by Member
- ☐ UC Farm Advisor
- ☐ None of the above

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

(Circle one) Yes No

4. Complete Part D on sediment and erosion control practices used on farm field(s).

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.

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

Part B – Field Specific Evaluation

Member Name: _____ Coalition Member ID#: _____

1. **Identify the Parcels and Fields that this survey applies to by checking the box in the first column below. *Fill out a separate survey for parcels/fields with different practices.***

   - SW High Vulnerability is when a parcel is within an area covered by a Surface Water Management Plan.
   - GW High Vulnerability is areas having potential for groundwater contamination.

   See enclosed material for more information on vulnerability.

	High Vulnerability SW	GW	Parcel (APN)	Field ID	Acres	Crop
☐	☐	☐	_____	_____	_____	_____
☐	☐	☐	_____	_____	_____	_____
☐	☐	☐	_____	_____	_____	_____
☐	☐	☐	_____	_____	_____	_____
☐	☐	☐	_____	_____	_____	_____
☐	☐	☐	_____	_____	_____	_____
☐	☐	☐	_____	_____	_____	_____
☐	☐	☐	_____	_____	_____	_____

2. **Irrigation Practices *(A secondary system could be used for crop germination, frost protection, crop cooling, etc.)***

Primary (check one)	Secondary (if applicable, check one)
☐ Drip	☐ Drip
☐ Micro Sprinkler	☐ Micro Sprinkler
☐ Furrow	☐ Furrow
☐ Sprinkler	☐ Sprinkler
☐ Border Strip	☐ Border Strip
☐ Flood	☐ Flood

3. **Irrigation Efficiency Practices (check all that apply)**

- ☐ Laser Leveling
- ☐ Use of E_T in scheduling irrigations
- ☐ Water application scheduled to need
- ☐ Use of moisture probe
- ☐ Soil Moisture Neutron Probe
- ☐ Pressure Bomb
- ☐ Other _____
- ☐ Other _____

4. **Nitrogen Management Methods to Minimize Leaching Past the Root Zone (check all that apply)**

- ☐ Cover Crops
- ☐ Split Fertilizer Applications
- ☐ Soil Testing
- ☐ Tissue/Petiole Testing
- ☐ Variable Rate Applications using GPS
- ☐ Foliar N Application
- ☐ Irrigation Water N Testing
- ☐ Fertigation
- ☐ Do not apply nitrogen
- ☐ Other _____

Part C – Irrigation Well Information

If you have no irrigation wells, please check "No" for questions 1 and 2

1. Do you have any irrigation wells on parcels associated with this Farm Evaluation? ☐ **Yes** ☐ **No**
2. Are you aware of any known abandoned irrigation wells associated with this Farm Evaluation? ☐ **Yes** ☐ **No**
3. For each well, mark the location on the attached map(s) or your own farm map with a unique Well ID of your choice and fill in the following table. Be sure to fill in the table with the Well ID that corresponds to the map and put an "X" next to the practices that apply to the individual well. For abandoned wells, indicate the year the well was abandoned (write "Unk" if the year is unknown; approximation is ok) and mark how the well was abandoned:

Well ID	Wellhead Protection						Abandoned Wells			
	Cement Pad	Ground Sloped Away from Wellhead	Standing water avoided around wellhead	Good "Housekeeping" Practices*	Air Gap (for non-pressurized systems	Backflow Preventive / Check Valve	If abandoned, year abandoned	Destroyed – certified by county	Destroyed by licensed professional	Destroyed - Unknown method

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

Comments: _____

Part D – Sediment and Erosion Control Practices

Member Name: _____ Coalition Member ID#: _____

1. Identify the Parcels and Fields that this survey applies to by checking the box in the first column below. <u>Fill out a separate survey for parcels/fields with different practices.</u>

	High Vulnerability		Parcel (APN)	Field ID	Acres	Crop
	SW	GW				
☐	☐	☐	_____	_____	_____	_____
☐	☐	☐	_____	_____	_____	_____
☐	☐	☐	_____	_____	_____	_____
☐	☐	☐	_____	_____	_____	_____
☐	☐	☐	_____	_____	_____	_____
☐	☐	☐	_____	_____	_____	_____
☐	☐	☐	_____	_____	_____	_____
☐	☐	☐	_____	_____	_____	_____

2. <u>Irrigation Practices</u> 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 sediment bound 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. <u>Cultural Practices</u> 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_____

Part E – Farm Map

(Keep Onsite- For Inspection Purposes Only)

Update map with well locations and surface water discharge points.

Legend
X – In Use Well Locations
A – Known Abandoned Well Locations
DP – Off Farm Surface Water Discharge Points