

Farm Name \_\_\_\_\_ Address \_\_\_\_\_ Date \_\_\_\_\_ Initial \_\_\_\_\_

### **Agricultural Water Action Plan**

Water can be a source of food borne illness pathogens. It's presence can also increase survival and reproduction of pathogens, it can be a carrier of pathogens from product to product, and water can be imbibed by produce, thus carrying pathogens along to the inside of food. An Agricultural Water Action Plan is a tool to assess agricultural water use risks that must be addressed because of potential contamination risk. The table format provides a practical format for farmers to plan and implement the practices they use to manage water related risks.

### **Farm Map**

A Farm Map can be a valuable risk assessment tool to identify pathogen sources and movement and survival/reproduction reservoirs. Creating your Land Use Action Plan and Mapping Exercise is a first step in agricultural water management. See (provide link). After creating your map, be sure it includes:

- Identification of the water sources that are available to your farm on your map with ID numbers: wells, irrigation hydrants, streams, ponds
- Arrows that show water flow and wind direction
- Water runoff from fields, irrigation, equipment cleaning, or packing shed water into, near, or up-water of water sources
- Any potential contamination risks that may exist for these sources
- Include pathways via wind or water, or on vehicles, animals, tools, or people.
- Include adjacent land use that could introduce potential hazards to your agricultural water
- Vegetative buffers and wetlands that may help capture or filter between possible sources of contamination and water sources

### **Describe Your Water Use And Testing**

- Describe or diagram how and what water is used for irrigation, hand washing, sanitation, and produce contact activities on your farm. Include identification numbers of water sources.
- Describe your water testing policy, monitoring, and record keeping protocols.

### **Produce Rule Agricultural Water Requirements**

Visit these website for information on Produce Rule Agricultural Water requirements.

<http://www.fda.gov/downloads/Food/GuidanceRegulation/FSMA/UCM360242.pdf>

<http://www.fda.gov/Food/GuidanceRegulation/FSMA/ucm334552.htm#E> for

## Agricultural Water Quality Testing And Use Action Plan

Lab Information (name, address, phone) \_\_\_\_\_

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Area of FS Action	Source and ID	How often is this source tested?	Who is responsible	Where	Record	Use	Check-in	
							Done	Will By
	Ground, surface, or municipal and identifying number		Who collects the samples, records the results, and oversees corrective actions.	Lab name	What records are kept for this action? Where?	What agricultural activities is this water is used for?		
Water Quality Testing								
Water Quality Testing								
Water Quality Testing								
Water Quality Testing								

**Agricultural Water Testing Result Log**

Save documents providing information on test methods and test results from your laboratory.

Date	Water Source (Type/ID #)	Laboratory	Type of Test Performed	Results	Corrective Actions (if necessary)	Initials

**Agricultural Water Inspection Log**

Date	Water Source/ Distribution System (Type/Location/Name)	Contamination Risks Identified	Corrective and/or preventative actions if necessary	Identified by: Initials	Date Corrective Action Completed	Completed by: Initials