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| **Farm Name:****F-3, F-4 Water Systems Description and Risk AssessmentSignature/date of Person writing plan: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Signature/date of Supervisor review: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | Effective Date: \_\_\_\_\_\_\_Document #: \_\_\_\_\_\_\_Revision #: \_\_\_\_\_\_\_Revision Date: \_\_\_\_\_\_\_ |

**F-3.1 Water System Description**

A water system description is included in the farm food safety plan. The description and diagram shall include one or more of the following:

* Maps, photos, drawings or other means to communicate water sources
* Locations of permanent water fixtures (wells, gates, valves, returns, etc.)
* Flow of water system (including holding systems, reservoirs, water for re-use)

**F-3.2 Water Source Compliance**

* Our water source shall be in compliance with prevailing regulations.
* Lab results and inspection logs are kept.

**Describe Your Water System**

1. A Water System Map is in this section of my Food Safety Plan
2. Water types and sources used for the activities on my farm are identified in this template.
3. ID numbers of water sources provide location identification.

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| **ID Water Source**  |  | **Check if used and** add ID of water sources |
|  | **Uses** | **Municipal** | **Private Well**  | **Untreated Surface water** |
|  | Drinking |  |  | Not permitted |
|  | Hand Washing |  |  | Not permitted from harvest on |
|  | Cleaning food contact surfaces |   |  | Not permitted |
|  | Harvest and post-harvest water that contacts produce  |  |  | Not permitted |
|  | Ice that contacts produce and contact surfaces |  |  | Not permitted |
|  | Irrigation: None Overhead sprinkler Drip Furrow Flood |  |  |  |
|  | Fertilizer application |  |  |  |
|  | Pesticide / Fungicide application |  |  |  |
|  | Compost tea and foliar applications |  |  |  |

**F-3.3, F-10.4 Water Systems Protections**

Water systems are not cross connected with human or animal waste systems. The water delivery system is maintained so as not to serve as a source of contamination of produce, water supplies or equipment with pathogens, or to create an unsanitary condition.

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| **Water System Description Documentation** (check all that apply) |
|  | Water System Description/Diagram Map |

**F-4.1 Water Risk Assessment**

We perform a *Water Systems Risk Assessment*

* Seasonally
* And any time there is a change made to the system or a situation occurs that could introduce an opportunity to contaminate the system

The risk assessment includes:

* Potential physical, chemical, and biological hazards
* Characteristics of the crop (above/below ground, etc.)
* Stage of the crop when water is applied
* Water application method

**WRITE A RISK ASSESSMENT SOP**

**Information to include in your Water Risk Assessment SOP**

1. **How often and when:** A review or new assessment shall be conducted seasonally, in spring and fal, and any time there is a change made to the system or a situation occurs that could introduce an opportunity to contaminate the system.
2. **What the water risk assessment will address:** The risk assessment shall address potential physical, chemical, and biological hazards and hazard control procedures for the water distribution system.
3. **Who will perform the risk assessment:** The assessment will be carried out by the employee with designated food safety responsibilities.
4. **Materials or documents that will be used in the risk assessment:** The risk assessor will use the *Water Quality Assessment Log* to guide the risk assessment.
5. **Record of the risk assessment:** After completion of the assessment, the employee will record the date and any changes that need to be made in the *Water Quality Assessment Log*.

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| **Water System Risk Assessment Documentation** (check all that apply) |
|  | Water Quality Assessment Log |

An initial risk assessment of water sources has been performed on [ENTER DATE, LOCATION HERE].

**Water Risk Assessment History**

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| Date | Location | Signature of Person Performing Assessment |
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