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| **Farm Name:**  **F-5 Water Management Plan Signature/date of Person writing plan: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Signature/date of Supervisor review: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | Effective Date: \_\_\_\_\_\_\_  Document #: \_\_\_\_\_\_\_  Revision #: \_\_\_\_\_\_\_  Revision Date: \_\_\_\_\_\_\_ |

A water management plan is a written procedure to minimize contamination risks, taking into account your water sources, your intended uses for the water, and your methods of delivery.Build your water management plan from the results of your water system risk description and assessment.

**F-5.1, F-3 Water Management Plan**

Our farm has a water management plan established to mitigate risks associated with the water system including:

* Written water test procedure
* Monitoring and verification procedures
* Preventive controls to avoid contamination
* Corrective actions plan
* Circumstances that will trigger a review of the plan
* Training requirements
* Documentation of
  + Water test results
  + Post-harvest water treatment and monitoring record
  + Post-harvest handling records (to document microbial die-off or removal rates) and monitoring records
  + Supporting documentation for alternate approaches to any microbiological testing required by prevailing regulations

All employees whose duties include overseeing the water system are trained according to those responsibilities and retrained in the event there is an oversight leading to potential contamination in the water system.

**Irrigation Water Sample**

Our farm tests water used for irrigation and mixing with topical sprays. Our water sources include [ADD WATER SOURCE HERE]. **F-3.2** It is/they are tested [ADD AMOUNT OF TESTING HERE] times per year and these records are kept on file. If any water test is outside our normal range, we do an observational review of the water source area to see if there are any obvious problems or situations that can be mitigated. All reviews are documented and any mitigation actions are documented in our water testing log [SEE DOCUMENTATION].

We utilize [TYPE OF IRRIGATION METHOD USED HERE such as overhead, drip, microjet] irrigation method. Water tanks, such as those used for dust control, are cleaned at a sufficient frequency so as not to be a source of contamination. **(F-8.6)**

**F-5.2 Water Testing**

Our farm has a written procedure for water testing during production and harvest season that includes:

* Frequency of sampling
* Who is collecting samples
* Where samples are collected
* How the samples are collected
* Acceptable hold time prior to lab delivery
* Type of test conducted
* Acceptance criteria **(G-5.4)**

If water is from a municipal source, municipal testing will suffice. **(F-5.2)** **(**The frequency and point of sampling is determined based on the risk assessment and current industry standards for that commodity, if applicable. All water test results are kept on file for a minimum of two years. **(G-5.3)**

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| **Water Testing Documentation** (check all that apply) | | | |
|  | Municipal water |  | Annual water bill |
|  | Laboratory analysis |
|  | Private Well Water |  | Laboratory analysis reports |
|  | Testing and corrective action log |
|  | Well inspection log |
|  | Untreated Surface Water |  | Laboratory analysis reports |
|  | Testing and corrective action log |
|  | Water source inspection log |
| **Water Management Plan Documentation** (check all that apply) | | | |
|  |  | | |
|  | Water Management Plan Review History Documentation | | |
|  | Water Treatment Log | | |
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**F-5.4 Water Treatment**

If water is treated to meet microbiological criteria, the treatment is approved and effective for its intended use and is appropriately monitored. R ●

**F-5.5 Other Methods to Achieve Microbial Criteria Of Water**

If postharvest handling is used to achieve microbial criteria, the farm maintains the documentation supporting its use.

If die-off or removal rates or other methods (e.g., commercial washing) are used to achieve microbial criteria of water used during growing, Operation has scientific data or information used to support its effectiveness. Documentation includes the specific time interval or log reduction applied, how the time interval or log reduction was determined, and the dates of corresponding activities such as the dates of last irrigation and harvest, the dates of harvest and end of storage, and/or the dates of activities such as commercial washing.

**Water Management Plan Review History Documentation**

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| Date | Signature |
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