Agricultural Water Assessment and Risk Based Outcomes

Inspection and Maintenance

Evaluate elements described in § 112.42

When: at the beginning of the growing season, as appropriate, but at least once annually

Inspect:

- The nature of the agricultural water source
- The extent of your control over the agricultural water source
- · The degree of protection of your water source
- · Use of adjacent and nearby land
- The likelihood of introduction of known or reasonably foreseeable hazards

Based in part on the Inspection and Maintenance results

Conduct an agricultural water assessment

Evaluate elements described in § 112.43

When: at the beginning of the growing season, as appropriate, but at least once annually

- Location and nature of water source (surface vs groundwater)
- Type of distribution system (open vs closed)
- · Degree of protection against contamination (Adjacent land use)
- Agricultural water practices (foliar vs drop irrigation)
- Crop Characteristics
- Environmental conditions
- Other Relevant Factors

Is my water unsafe of inadequate sanitary quality for its intended use?

Exceptions to writing an agricultural water assessment:

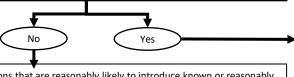
Evaluate as described in § 112.43(b) and demonstrate that:

- Water meets microbial quality criterion of no detectable generic E. coli in 100 mL
- Untreated surface water is not used for sprout irrigation, in direct contact with produce during harvest or postharvest activities, on food contact surfaces, and for washing hands during & after harvest
- Untreated ground water used as sprout irrigation water or for harvesting, packing, or holding covered produce meets the microbial quality criterion as described above (no detectable E. coli)-Water meets requirements for water from a public water system of public water supply
- Water is treated

No Yes

Immediately discontinue use and implement corrective measures as in § 112.45(a) before resuming use.

Are adjacent or nearby land uses reasonably likely to introduce known or reasonably foreseeable hazards from animal activity, biological soil amendments of animal origin (BSAAO), or human waste?



Implement mitigations in § 112.45(a) promptly, no later than the same growing season as the agricultural water assessment.

Are there other conditions that are reasonably likely to introduce known or reasonably foreseeable hazards onto covered produce or food contact surfaces?

No Yes Must Do Either Ctions and maintenance of your agricultural water systems (at

soon as practicable and no later than 1 year after the date of the agricultural water assessment

Implement mitigation measures under § 112.45(b) as

Continue regular inspections and maintenance of your agricultural water systems (at least once a year)

Conduct water testing as part of the assessment as described in §112.43(4)(d)

Reassessment

Perform as described in 112.43(e)

At least once annually when you apply agricultural water to covered produce (other than sprouts) during growing activities

AND

AND

Whenever a significant change occurs in your agricultural water system(s)

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