

Collection and Submission Instructions

Total and Fecal Coliform in Shellfish Wet Storage Testing (Version 1)

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Sample Type	Collection Time	Collection Frequency	Collection Procedures	Transport Container	Shipping & Handling (S&H)
Establishing Recirculating Water for Shellfish Wet Storage	NA	<p>Include a total of sixty (60) samples consisting of four (4) sets of three (3) samples from each disinfection unit. Collected for five (5) consecutive days at the outlet from the disinfection unit or at the inlet to at least one (1) of the wet storage tanks served by the disinfection system.</p> <p>Include one (1) sample daily for five (5) consecutive days from the source water prior to disinfection.</p>	<ul style="list-style-type: none"> • Collect in sterile 100mL bottles provided by the Water Bacteriology Laboratory or the Shellfish and Water Protection Program. • Avoid contamination in handling. • Leave 2.5 cm of headspace in bottle. 	100mL plastic screw cap container, provided by DOH	<ul style="list-style-type: none"> • Transport device: Non-leaking screw-capped polypropylene bottles, packaged in an insulated, chilled, non-leaking container. • Transport: Ship and transport cold (2 - 10°C) with ice packs. Do not freeze. Ship or transport as soon as possible after collection. • Storage: Refrigerate at 4 °C.

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<p>Maintenance of Recirculating Water for Shellfish Wet Storage</p>	NA	<p>Once sanctioned for use, the recirculating process water system should be sampled weekly.</p>	<ul style="list-style-type: none"> • Collect in sterile 100mL bottles provided by the Water Bacteriology Laboratory or the Shellfish and Water Protection Program. • Avoid contamination in handling. 	<p>100mL plastic screw cap container, provided by DOH</p>	<ul style="list-style-type: none"> • Transport device: Non-leaking screw-capped polypropylene bottles, packaged in an insulated, chilled, non-leaking container. • Transport: Ship and transport cold (2 - 10°C) with ice packs. Do not freeze. Ship or transport as soon as possible after collection. • Storage: Refrigerate at 4 °C.
<p>Maintenance of Sanctioned Continuous Flow-through System for Shellfish Wet Storage</p>		<p>Once sanctioned for use, the water system should be sampled daily.</p>	<ul style="list-style-type: none"> • Leave 2.5 cm of headspace in bottle. 		

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<p>To remedy Recirculating Water for Shellfish Wet Storage that has tested positive for contamination</p>	<p>NA</p>	<p>3 samples over 24 hours from disinfection unit and one sample from the source water (3 + 1) for 1 day totaling 4 samples.</p>	<ul style="list-style-type: none"> • Collect in sterile 100mL bottles provided by the Water Bacteriology Laboratory or the Shellfish and Water Protection Program. • Avoid contamination in handling. • Leave 2.5 cm of headspace in bottle. 	<p>100mL plastic screw cap container, provided by DOH</p>	<ul style="list-style-type: none"> • Transport device: Non-leaking screw-capped polypropylene bottles, packaged in an insulated, chilled, non-leaking container. • Transport: Ship and transport cold (2 - 10°C) with ice packs. Do not freeze. Ship or transport as soon as possible after collection. • Storage: Refrigerate at 4 °C.
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General Rejection Criteria (for additional details, see S&H)

- Failure to follow specific S&H requirements.
- Cracked or leaking specimen container.
- Samples collected over 30 hours prior to receipt in laboratory.
- Samples frozen or above 10 °C.
- Samples not labeled with identifying information.
- Unscheduled samples.
- Samples arriving to the lab outside of testing frequency guidelines.
- Samples unaccompanied by submission forms.

Collection kit availability

Coordinate with WA DOH Water Bacteriology Laboratory to receive sample bottles.

Comments

- Prevent samples from being submerged in melted ice.
- A temperature control bottle labeled "TC" must be included in each box of samples to verify holding temperatures. If the TC is above 10 °C upon arrival samples will not be processed.
- Do not store. Ship immediately. Recirculating Water Systems (RWS) samples must be less than 30 hours old when received.