

- This checklist must be completed by the farm dairy operator or nominated representative.
- The completed checklist must be signed, dated and held by the farm dairy operator and a copy made available to the operator of the farm dairy risk management programme where that is another person.
- Everyone must complete Parts 1, 2 and all other relevant sections.
- The farm dairy assessor is required to review this checklist and assess the farm dairy water quality during the next farm dairy assessment.

Part 1: Supplier Details *(Complete in all cases)*

Name of farm dairy operator:	
Dairy company supplied:	
Supply number:	

Part 2: Farm Dairy Water Sources *(Complete in all cases)*

Indicate (✓) all water sources used

If you use more than one water source, complete the relevant parts of the questionnaire.

If you use more than three water sources, complete additional checklist(s) as necessary.

	Water Source			
	1	2	3	
Town supply water (reticulated/networked water supply that provides drinking water to the public)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Go to Part 3
Deep groundwater (secure bore with casing greater than 10m deep)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Go to Part 4
Surface water (e.g. spring, well, bore 10m or less deep, river, lake, reservoir, roof)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Go to Part 5

Part 3: Town supply water *(Complete for town supply water only)*

Name the town water supply:

Refer to the Taumata Arowai [public register](#) to find the supply name and supply ID for your town water (networked supply).

Supply 1: Name	ID:
_____	_____
Supply 2: Name	ID:
_____	_____
Supply 3: Name	ID:
_____	_____

Part 4: Deep Groundwater *(Complete for deep groundwater sources only)*

Deep groundwater from depths of greater than ten metres can generally be considered to be isolated from the influence of land-based activities. As such, a less rigorous hazard identification process is required for this type of water source.

Refer to the Taumata Arowai [Drinking Water Quality Assurance Rules](#) and [Acceptable Solutions](#) for more information.

Case Depth (metres):

Source 1:

Source 2:

Source 3:

If the depth of any bore is 10 metres or less, it must be assessed as surface water in Part 6

Bore environment

	Source 1		Source 2		Source 3	
	Yes	No	Yes	No	Yes	No
(i) Is the bore-head securely sealed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(ii) Is the bore-head protected from animal access?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(iii) Is the bore area safe from ponding and flooding?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

(iv) Please describe any other potential hazards to your water supply that you are aware of:

If the answer to questions a), b) or c) is No for any of your water supplies, or you have identified any additional hazards, then you must either:

- (i) Develop and follow a water-use plan (Part 8). The water-use plan must be agreed to by the farm dairy assessor. Attach the water-use plan to this checklist (**Go to Part 6**); or
- (ii) Reassess that water supply as surface water (**Go to Part 5**).

Part 5: Surface Water (Complete for surface water sources only)

A wide range of land and water based activities can result in contamination of surface and shallow ground waters. Special care is therefore required to ensure that water taken from such sources is of suitable quality for use in farm dairies.

Describe each water source and the intended use of the water under the source headings below e.g. spring, shallow bore, stream, river, spring, dam, reservoir, lake, roof etc.). **If more than one water source is used, assess each separately:**

Source 1:

Source 2:

Source 3:

Are any of the following within 45 metres of the water supply?

	Source 1		Source 2		Source 3	
	Yes	No	Yes	No	Yes	No
a) Offal pit/soak hole	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Septic tank/long-drop toilet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Animal effluent to pasture	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Silage stack	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) Land disposal site/refuse pit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f) Chemical preparation/storage area	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g) Fuel tanks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h) Sumps, stock yards or feed pads not connected to an approved effluent system	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i) Other (specify)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Do any of the following hazards, either inside or outside your farm, pose a threat to the quality of your farm dairy water supply?

j) Runoff/flooding	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k) Animal access	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
l) Industrial or urban stormwater	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
m) Industrial wastewater	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
n) Effluent discharges (treated discharge or leakage from effluent ponds or surface impoundments e.g. waste ponds or lagoons)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
o) Spray drift	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
p) Other (specify)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

If Yes, describe the activity and how it may affect your water quality:

If the answer to any of the questions a) to p) is 'Yes' for any of your water sources, then you must:

Develop and follow a water-use plan (Part 8). The water-use plan must be agreed to by the farm dairy assessor. Attach the water-use plan to this checklist.

Part 6: Reticulation System *(To be completed in all cases)*

The farm's water reticulation systems (pumps, tanks, pipes, valves etc) can result in contamination of the water supply if they are incorrectly designed or installed, poorly maintained or damaged.

	Yes	No
a) Is there a veterinary dispensing system linked to the reticulation system for your farm dairy water supply?	<input type="checkbox"/>	<input type="checkbox"/>
b) If the answer to (a) is yes, do you have systems in place for ensuring that chemicals do not get into the water and milk supply?	<input type="checkbox"/>	<input type="checkbox"/>
c) Are the water holding tanks covered, the walls and roof watertight and protected from contamination by rain, snowmelt and pests?	<input type="checkbox"/>	<input type="checkbox"/>
d) Where drains or overflow pipes from the tank empty into sewers or storm-water drains, are the outlets situated above the water level in the sewer/stormwater drains so that suck-back cannot occur?	<input type="checkbox"/>	<input type="checkbox"/>
e) Are reticulation pipes protected from damage by machinery or stock?	<input type="checkbox"/>	<input type="checkbox"/>
f) Are water tanks and the reticulation system inspected and maintained at least annually, and cleaned when necessary?	<input type="checkbox"/>	<input type="checkbox"/>
g) Does water in the farm dairy remain clean and clear for the duration of the dairy season?	<input type="checkbox"/>	<input type="checkbox"/>

If the answer to any of the questions (b) to (g) is No then you must:

Develop and follow a water-use plan (Part 8). The water-use plan must be agreed to by the farm dairy assessor. Attach the water-use plan to this checklist.

STOP HERE – WAIT FOR WATER QUALITY TO BE ASSESSED

Part 7: Water Quality Assessment *(To be completed by the Farm Dairy Assessor)*

Summary of water status and action arising from assessment:

	Yes	No
a) Does the water meet the turbidity/clarity standard?	<input type="checkbox"/>	<input type="checkbox"/>
b) Does the water meet the E. coli standard?	<input type="checkbox"/>	<input type="checkbox"/>
c) Have any risks to the water supply (that are not adequately controlled) been identified?	<input type="checkbox"/>	<input type="checkbox"/>

If the answer to either (a) or (b) is 'No', or 'Yes' for (c) then a water-use plan is required.

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Part 9: Declaration *(To be completed in all cases)*

Farm Dairy Operator Declaration	
I hereby declare that: To the best of my knowledge, this information is true and correct; and I agree to abide by all requirements specified in any water-use plan covering my water supply.	
Signed (Farm dairy operator):	Date:

Farm Dairy Assessor	
Reviewed by (Assessor's name):	
Signed (Assessor):	Date: