Table 1 - Certified FEP Auditor On-Farm Audit Assessment Criteria

Assessment area	Assessment sub-area	Assessment Criteria to demonstrate Proficiency	Supporting material
1 Auditor Skills 1. Applying the auditing standards included in the Auditor Manual. 2. Gathering objective evidence to determine an appropriate and fair Level Of Confidence for targets and objectives. 3. Communicating effectively with the auditee. 4. Acting in an ethical and professional manner in line with the Code of Ethics adopted by the Professional Institute they belong to. 5. Develop appropriate and fair actions to maintain (A grades and high targets and objectives only) or improve (all other grades) performance.	**1.1 Professionalism**	1.1.1 Ethics Applicant follows the Codes of Ethics of the Professional Institute they belong to.	
		1.1.2 Referral Applicant can provide appropriate options of where and who to get advice from in order for an auditee to improve performance.	
	1.2 Audit Process	1.2.1 Auditing Standards Applicant can apply the auditing standards included in the Canterbury Certified FEP Auditor Manual.	Canterbury Certified FEP Auditor Manual
		1.2.2 Pre-audit Review Applicant can request and review the relevant information necessary for the pre-audit review.	Canterbury Certified FEP Auditor Manual
		1.2.3 Level of Confidence (LOC) and Grading Applicant is able to grade an appropriate LOC for targets and objectives and an appropriate overall grade.	Canterbury Certified FEP Auditor Manual
		1.2.4 Good Management Practices (GMPs) Applicant is familiar with the Industry–Agreed GMPs and can identify them on-farm.	Industry agreed good management practices relating to water quality
		1.2.5 Audit Report Template Applicant is able to use the audit report template.	Canterbury Certified FEP Auditor Manual
		1.2.6 Actions Applicant can provide appropriate actions in response to the findings to either improve (for all grades) or maintain (for A grades or high targets and objectives) performance.	Canterbury Certified FEP Auditor Manual
	1.3 Communication	1.3.1 Effectiveness and Clarity Applicant can effectively and clearly communicate with auditees in such a way that auditees can understand what it is being asked and required of them.	

Assessment area	Assessment sub-area	Assessment Criteria	Supporting material
		1.3.2 Questioning and Listening: Applicant can use open questions and also listen to the auditee when assessing the auditee's performance against the targets and objectives included in the FEP.	
2. Environmental Management 1. Applying technical and working knowledge of: a. Farm systems; b. Environmental effects (and effects on mahinga kai) as a result of poor farm practices; c. Site Specific Health and Safety and Biosecurity; and Environmental rules and regulations. • 2. Analysing: a. Farm data; b. Environmental data; c. Climate data; and d. Observed farm practices to assess the performance of the farm against the FEP targets and objectives. 3. Develop appropriate and fair actions to maintain (A grades and High targets and objectives only) or improve (all grades) performance.	**2.1 Farm Environment Plan**	2.1.1 Review Applicant can review the content of the FEP to ascertain whether it meets the requirements of any relevant resource consents, Environment Management Strategy of Irrigation Schemes, Principal Water Supplier, or Hurunui Waiau River Regional Plan and identify areas of improvement.	Canterbury Certified FEP Auditor Manual Schedule 7 of the Land and Water Regional Plan
		2.1.2 Environmental Effects Applicant can identify environmental effects that have not been covered by the FEP and can communicate this effectively with the auditee.	
		2.1.3 Good Management Practices (GMPs) Applicant can identify on-farm GMPs included in the FEP. Where GMPs have not been considered as part of the FEP, the applicant shall be able to communicate to the auditee what actions are required in order to meet GMPs, and include these GMPs in the FEP.	Canterbury Certified FEP Auditor Manual Industry agreed good management practices relating to water quality
	2.2 Environmental regulation	2.2.1 Rules and Regulations Applicant is aware of and can apply, analyse and communicate relevant Environment Canterbury rules related to farm systems and practices.	www.Canterburywater.farm Land and Water Regional Plan
		2.2.2 Non-compliances Applicant can recognise non-compliances with the Regional and Sub-Regional Rules which may affect the audit grade. Applicant is aware of the steps to be taken when non-compliance is observed. Applicant is able to communicate clearly to the auditee what is required under the rules and regulations.	Land and Water Regional Plan Canterbury Certified FEP Auditor Manual

<table>
<tr><th>Assessment area</th><th>Assessment sub-area</th><th>Assessment Criteria</th><th>Supporting material</th></tr>
<tr>
<td>2. Environmental Management

1. Applying technical and working knowledge of:
a. Farm systems;
b. Environmental effects (and effects on mahinga kai) as a result of poor farm practices;
c. Site specific Health and Safety and Biosecurity; and
d. Environmental rules and regulations.

2. Analysing:
a. Farm data;
b. Environmental data;
c. Climate data; and
d. Observed farm practices to assess the performance of the farm against the FEP targets and objectives.

3. Develop appropriate and fair actions to maintain (A grades and High targets and objectives only) or improve (all grades) performance.</td>
<td>2.3 Irrigation and Water Use

During the on-farm audit(s), this sub-area shall be assessed against the ability of the applicant to determine for each target and objective:

a. Level of Confidence (LOC);
b. Reasons for and against to back up the LOC; and
c. Actions to either improve (all LOC) or maintain (high LOC) performance.</td>
<td colspan="2">Objective 1: The amount and timing of irrigation is managed to meet plant demands, minimise risk of leaching and runoff and ensure efficient water use

Objective 2: Other water use is efficient

Target 1
New Irrigation systems are designed and installed in accordance with industry codes of practice and standards
The applicant shall be assessed on the following criteria:

Certification and Commissioning
Applicant is aware of Irrigation NZ Certification and Commissioning requirements and their importance in ensuring that the system is working efficiently. Applicant is confident in communicating this to the auditee.

Guide for commissioning piped irrigation systems

Target 2
The performance of irrigation systems is assessed annually and irrigation systems are maintained and operated to apply irrigation water at their optimal efficiency
The applicant shall be assessed on the following criteria:

Assessment of Water Efficiency
Applicant can apply the required steps to determine water efficiency in line with the Canterbury Certified FEP Auditor Manual.

Canterbury Certified FEP Auditor Manual

Systems
Applicant is familiar with all types of irrigation systems in order to assess their uses and efficiencies.

Irrigation New Zealand – Irrigation System Operation and Guidance

Irrigation New Zealand – Drip irrigation

Application
Applicant can identify GMPs related to irrigation and communicate to the auditee what action(s) is/are required to improve or maintain performance.

Industry agreed good management practices relating to water quality</td>
</tr>
</table>

<table>
<tr><th>Assessment area</th><th>Assessment sub-area</th><th>Assessment Criteria</th><th>Supporting material</th></tr>
<tr>
<td rowspan="6">2. Environmental Management

1. Applying technical and working knowledge of:
a. Farm systems;
b. Environmental effects (and effects on mahinga kai) as a result of poor farm practices;
c. Site specific Health and Safety and Biosecurity; and
d. Environmental rules and regulations.

2. Analysing:
a. Farm data;
b. Environmental data;
c. Climate data; and
d. Observed farm practices to assess the performance of the farm against the FEP targets and objectives.

3. Develop appropriate and fair actions to maintain (A grades and High targets and objectives only) or improve (all grades) performance.</td>
<td rowspan="6">2.3 Irrigation and Water Use

During the on-farm audit(s), this sub-area shall be assessed against the ability of the applicant to determine for each target and objective:

a. Level of Confidence (LOC);
b. Reasons for and against to back up the LOC; and
c. Actions to either improve (all LOC) or maintain (high LOC) performance.</td>
<td>Irrigation Risks
Applicant can detect risks and effects of the irrigation systems related to the different farm system in regards to nitrogen leaching.</td>
<td></td>
</tr>
<tr>
<td colspan="2">Target 3
The timing and depth of irrigation water applied takes account of crop requirements and is justified through soil moisture monitoring or soil water budgets and climatic information
The applicant shall be assessed on the following criteria:</td>
</tr>
<tr>
<td>Data influencing irrigation
Applicant is able to understand how soil moisture monitoring, climate, soil types, and irrigation system type can influence irrigation scheduling. Applicant is also able to explain to auditee how data gathering can drive water efficiencies.</td>
<td>Irrigation New Zealand – Soil Texture and Water</td>
</tr>
<tr>
<td>Application
Applicant can identify GMPs related to irrigation and communicate to auditee what action(s) is/are required to improve or maintain performance.</td>
<td>Industry agreed good management practices relating to water quality</td>
</tr>
<tr>
<td colspan="2">Target 4
Staff are trained in the operation, maintenance and use of irrigation systems
The applicant shall be assessed on the following criteria:</td>
</tr>
<tr>
<td>Maintenance and Staff Training
Applicant can understand and communicate clearly when and what maintenance and training the auditee is required to provide to the irrigation system and to staff respectively.</td>
<td>Irrigation New Zealand – Irrigation System Operation and Guidance</td>
</tr>
</table>

<table>
<tr><th>Assessment area</th><th>Assessment sub-area</th><th>Assessment Criteria</th><th>Supporting material</th></tr>
<tr><td rowspan="2">2. Environmental Management

1. Applying technical and working knowledge of:
a. Farm systems;
b. Environmental effects (and effects on mahinga kai) as a result of poor farm practices;
c. Site specific Health and Safety and Biosecurity; and
d. Environmental rules and regulations.

2. Analysing:
a. Farm data;
b. Environmental data;
c. Climate data; and
d. Observed farm practices to assess the performance of the farm against the FEP targets and objectives.

3. Develop appropriate and fair actions to maintain (A grades and High targets and objectives only) or improve (all grades) performance.</td><td>2.3 Irrigation
During the on-farm audit(s), this sub-area shall be assessed against the ability of the applicant to determine for each target and objective:

a. Level of Confidence (LOC);
b. Reasons for and against to back up the LOC; and
c. Actions to either improve (all LOC) or maintain (high LOC) performance.</td><td colspan="2">Additional Sub-regional Targets
The applicant shall be assessed on the relevant criteria related to that target.</td></tr>
<tr><td>2.4 Nutrients

During the on-farm audit(s), this sub-area shall be assessed against the ability of the applicant to determine for each target and objective:

a. Level of Confidence (LOC);
b. Reasons for and against to back up the LOC;
c. Actions to either improve (all LOC) or maintain (high LOC) performance; and
d. Robustness of Nutrient Budget.</td><td colspan="2">Objective 1: Use nutrients efficiently and minimise nutrient losses to water

Objective 2: Nutrient losses do not exceed consented nitrogen loss limits

Target 1
Nitrogen losses from farming activities are at or below the
(a) Baseline GMP Loss Rate or Good Management Practice Loss Rates (whichever is the lesser) for the property; or
(b) Consented nitrogen loss limits.
The applicant shall be assessed on the following criteria:

<table><tr><td><u>Robustness of Nutrient Budget</u>
Applicant can apply the required steps to determine robustness of nutrient budget in line with the Canterbury Certified FEP Auditor Manual</td><td>Canterbury Certified FEP Auditor Manual</td></tr><tr><td><u>Nitrogen (N) loss vs GMP N Assessment</u>
Applicant can apply the Canterbury Certified FEP Auditor Manual in the assessment of N losses vs GMP N Assessment</td><td>Canterbury Certified FEP Auditor Manual</td></tr></table></td></tr>
</table>

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<td>2. Environmental Management

1. Applying technical and working knowledge of:
a. Farm systems;
b. Environmental effects (and effects on mahinga kai) as a result of poor farm practices;
c. Site Specific Health and Safety and Biosecurity; and
d. Environmental rules and regulations.

2. Analysing:
a. Farm data;
b. Environmental data;
c. Climate data; and
d. Observed farm practices to assess the performance of the farm against the FEP targets and objectives.

3. Develop appropriate and fair actions to maintain (A grades and High targets and objectives only) or improve (all grades) performance.</td>
<td>2.4 Nutrients

During the on-farm audit(s), this sub-area shall be assessed against the ability of the applicant to determine for each target and objective:

a. Level of Confidence (LOC)
b. Reasons for and against to back up the LOC;
c. Actions to either improve (all LOC) or maintain (high LOC) performance; and
d. Robustness of Nutrient Budget.</td>
<td colspan="2">Target 1A
Available nitrogen loss mitigation measures (excluding those associated with irrigation, fertiliser or effluent management) are implemented
The applicant shall be assessed on the following criteria:

Nitrogen Loss mitigation measures
Applicant is familiar with and recognises nitrogen loss minimisation GMPs and is able to communicate to the auditee what action(s) is/are required to improve or maintain performance.

Industry agreed good management practices relating to water quality

Target 2
Phosphorus losses from farming activities are minimised (for Selwyn Waihora Catchment please refer to Phosphorus Sediment Risk Area shown in the Selwyn Waihora Plan Change)
The applicant shall be assessed on the following criteria:

Phosphorus
Applicant is familiar with and recognises areas with phosphorus loss minimisation GMPs and is able to communicate to the auditee what action(s) is/are required to improve or maintain performance.

Industry agreed good management practices relating to water quality

In Selwyn Waihora Catchment, the applicant shall be able to refer to the Phosphorus Sediment Risk Area shown in the Planning maps.

Section 11 of the Land and Water Regional Plan – Selwyn Waihora Chapter</td>
</tr>
</table>

<table>
<tr><th>Assessment area</th><th>Assessment sub-area</th><th>Assessment Criteria</th><th>Supporting material</th></tr>
<tr>
<td rowspan="8">2. Environmental Management

1. Applying technical and working knowledge of:
e. Farm systems;
f. Environmental effects (and effects on mahinga kai) as a result of poor farm practices;
g. Site Specific Health and Safety and Biosecurity; and
h. Environmental rules and regulations.

2. Analysing:
e. Farm data;
f. Environmental data;
g. Climate data; and
h. Observed farm practices to assess the performance of the farm against the FEP targets and objectives.

3. Develop appropriate and fair actions to maintain (A grades and High targets and objectives only) or improve (all grades) performance.</td>
<td rowspan="8">2.4 Nutrients

During the on-farm audit(s), this sub-area shall be assessed against the ability of the applicant to determine for each target and objective:

a. Level of Confidence (LOC)
b. Reasons for and against to back up the LOC
c. Actions to either improve (all LOC) or maintain (high LOC) performance; and
d. Robustness of Nutrient Budget</td>
<td colspan="2">Target 3
Manage the amount, timing and application of fertiliser inputs to match the predicted plant requirements and minimise nutrient losses
The applicant shall be assessed on the following criteria:</td>
</tr>
<tr><td>Fertiliser Application
Applicant is familiar with and can recognise fertiliser application GMPs. The applicant is able to communicate to the auditee what action(s) is/are required to improve or maintain performance.</td><td>Industry agreed good management practices relating to water quality</td></tr>
<tr><td>Nutrient Losses Risks
Applicant can detect risks and effects of nutrient losses (Nitrogen) to water quality.</td><td>Industry agreed good management practices relating to water quality</td></tr>
<tr><td colspan="2">Target 4
Store and load fertiliser to minimise the risk of spillage, leaching and loss into water bodies
The applicant shall be assessed on the following criteria:</td></tr>
<tr><td>Fertiliser storage
Applicant is familiar with and can recognise fertiliser storage GMPs. The applicant is able to communicate to the auditee what action(s) is/are required to improve or maintain performance.</td><td>Industry agreed good management practices relating to water quality</td></tr>
<tr><td>Fertiliser loading
Applicant is familiar with and can recognise fertiliser storage GMPs. The applicant is able to communicate to the auditee what action(s) is/are required to improve or maintain performance.</td><td>Industry agreed good management practices relating to water quality</td></tr>
<tr><td>Nutrient Losses Risks
Applicant can detect risks and effects of nutrient losses (Nitrogen) to water quality.</td><td>Industry agreed good management practices relating to water quality</td></tr>
<tr><td colspan="2">Additional Sub-regional Targets
The applicant shall be assessed on the relevant criteria related to that target.</td></tr>
</table>

Assessment area	Assessment sub-area	Assessment Criteria	Supporting material
2. Environmental Management Applying technical and working knowledge of: Farm systems; Environmental effects (and effects on mahinga kai) as a result of poor farm practices; Site Specific Health and Safety and Biosecurity; and Environmental rules and regulations. Analysing: Farm data; Environmental data; i. Climate data; and j. Observed farm practices to assess the performance of the farm against the FEP targets and objectives. Develop appropriate and fair actions to maintain (A grades and High targets and objectives only) or improve (all grades) performance.	**2.5 Cultivation and Soil Structure** During the on-farm audit(s), this sub-area shall be assessed against the ability of the applicant to determine for each target and objective: a. Level of Confidence (LOC); b. Reasons for and against to back up the LOC; and c. Actions to either improve (all LOC) or maintain (high LOC) performance.	***Objective: The physical and biological condition of soils is maintained or improved in order to minimise the movement of sediment, phosphorus and other contaminants to waterways.*** ***Target 1*** ***Farming activities are managed so as to not exacerbate erosion*** The applicant shall be assessed on the following criteria: Risk a. Erosion: Applicant can detect risks and effects of sediment losses through erosion and cropping to water quality. b. Compaction: Applicant can detect risks and effects of compaction on water quality.	Industry agreed good management practices relating to water quality

Assessment area	Assessment sub-area	Assessment Criteria	Supporting material
2. Environmental Management 1. Applying technical and working knowledge of: a. Farm systems; b. Environmental effects (and effects on mahinga kai) as a result of poor farm practices; c. Site specific Health and Safety and Biosecurity; and d. Environmental rules and regulations. 2. Analysing: a. Farm data; b. Environmental data; c. Climate data; and d. Observed farm practices to assess the performance of the farm against the FEP targets and objectives. 3. Develop appropriate and fair actions to maintain (A grades and High targets and objectives only) or improve (all grades) performance.	**2.5 Soils** During the on-farm audit(s), this sub-area shall be assessed against the ability of the applicant to determine for each target and objective: a. Level of Confidence (LOC); b. Reasons for and against to back up the LOC; and c. Actions to either improve (all LOC) or maintain (high LOC) performance.	Erosion Management Applicant is familiar with erosion minimisation GMPs and can communicate to the auditee what action(s) is/are required to improve or maintain performance.	Industry agreed good management practices relating to water quality
		Target 2 ***Farming practices are implemented that optimise infiltration of water into the soil profile and minimise run-off of nutrients and sediment*** The applicant shall be assessed on the following criteria:	
		Compaction Management Applicant is familiar with compaction minimisation GMPs and can communicate to the auditee what action(s) is/are required to improve or maintain performance.	Industry agreed good management practices relating to water quality
		Cropping Applicant is familiar with soil loss minimisation GMPs associated with cropping and can communicate to the auditee what action(s) is/are required to improve or maintain performance.	Industry agreed good management practices relating to water quality
		Additional Sub-regional Targets The applicant shall be assessed on the relevant criteria related to that target.	

Assessment area	Assessment sub-area	Assessment Criteria	Supporting material
2. Environmental Management 1. Applying technical and working knowledge of: a. Farm systems; b. Environmental effects (and effects on mahinga kai) as a result of poor farm practices; c. Site specific Health and Safety and Biosecurity; and d. Environmental rules and regulations. 2. Analysing: a. Farm data; b. Environmental data; c. Climate data; and d. Observed farm practices to assess the performance of the farm against the FEP targets and objectives. 3. Develop appropriate and fair actions to maintain (A grades and High targets and objectives only) or improve (all grades) performance.	**2.6 Animal Effluent and Solid Animal Waste** During the on-farm audit(s), this sub-area shall be assessed against the ability of the applicant to determine for each target and objective: a. Level of Confidence (LOC); b. Reasons for and against to back up the LOC; and c. Actions to either improve (all LOC) or maintain (high LOC) performance.	***Objective: Animal effluent and solid animal waste is managed to minimise nutrient leaching and run-off*** ***Target 1*** ***Effluent systems meet industry Codes of Practice or an equivalent standard*** The applicant shall be assessed on the following criteria:	
		Effluent Application and Storage Risks Applicant can detect risks and effects of the collected animal effluent application and storage.	
		Application Applicant can identify GMPs for the application of liquid and solid collected animal effluent and system failures and can communicate to the auditee what action(s) is/are required to improve or maintain performance. Applicant is also familiar with the regional rules regarding the application of liquid and solid effluent to land.	Dairy NZ – A farmers guide to managing farm dairy effluent Land and Water Regional Plan
		Fertigation and chemigation Applicant can understand the risks related to fertigation and chemigation and is aware of the required infrastructure to minimise the risks to waterbodies.	Irrigation New Zealand – Irrigation and Fertigation
		Systems Applicant is familiar with all types of collected animal effluent application and storage systems, including how to determine storage size.	Dairy NZ – Farm Dairy Effluent Systems – Farmer's Guide Dairy NZ - How to use the dairy effluent storage calculator

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<tr>
<td rowspan="4">2. Environmental Management

1. Applying technical and working knowledge of:
a. Farm systems;
b. Environmental effects (and effects on mahinga kai) as a result of poor farm practices;
c. Site Specific Health and Safety and Biosecurity; and
d. Environmental rules and regulations.

2. Analysing:
a. Farm data;
b. Environmental data;
c. Climate data; and
d. Observed farm practices to assess the performance of the farm against the FEP targets and objectives.

3. Develop appropriate and fair actions to maintain (A grades and High targets and objectives only) or improve (all grades) performance.</td>
<td rowspan="4">2.6 Collected Animal Effluent

During the on-farm audit(s), this sub-area shall be assessed against the ability of the applicant to determine for each target and objective:

a. Level of Confidence (LOC);
b. Reasons for and against to back up the LOC; and
c. Actions to either improve (all LOC) or maintain (high LOC) performance.</td>
<td colspan="2">Target 2
The timing and rate of application of effluent and solid animal waste to land is managed so as to minimise the risk of contamination of groundwater or surface water bodies
The applicant shall be assessed on the following criteria:</td>
</tr>
<tr>
<td>Data influencing application
Applicant is aware of how soil moisture monitoring, climate, soil types, effluent irrigation system types can influence effluent application scheduling.</td>
<td></td>
</tr>
<tr>
<td colspan="2">Target 3
Sufficient and suitable storage is available to enable animal effluent and wash-down water to be stored when soil conditions are unsuitable for application
The applicant shall be assessed on the following criteria:</td>
</tr>
<tr>
<td>Storage
Applicant can identify GMPs for the storage of liquid and solid collected animal effluent and system failure and can communicate to the auditee what action(s) is/are required to improve or maintain performance.

Applicant is also aware of effluent storage calculator as a tool to measure the appropriate storage volume required for that farm type and system.</td>
<td>Industry agreed good management practices relating to water quality

Dairy NZ - How to use the dairy effluent storage calculator</td>
</tr>
<tr>
<td colspan="2">Target 4
Staff are trained in the operation, maintenance and use of effluent storage and application systems
The applicant shall be assessed on the following criteria:</td>
</tr>
<tr>
<td>Maintenance and Staff Training
Applicant can understand and communicate clearly when and what maintenance and training is required.</td>
<td>Dairy Effluent Warrant of Fitness</td>
</tr>
<tr>
<td colspan="2">Additional Sub-regional Targets
The applicant shall be assessed on the relevant criteria related to that target.</td>
</tr>
</table>

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<tr>
<td rowspan="4">2. Environmental Management

1. Applying technical and working knowledge of:
a. Farm systems;
b. Environmental effects (and effects on mahinga kai) as a result of poor farm practices;
c. Site Specific Health and Safety and Biosecurity; and
d. Environmental rules and regulations.

2. Analysing:
a. Farm data;
b. Environmental data;
c. Climate data; and
d. Observed farm practices to assess the performance of the farm against the FEP targets and objectives.

3. Develop appropriate and fair actions to maintain (A grades and High targets and objectives only) or improve (all grades) performance.</td>
<td rowspan="4">2.7 Waterbodies (wetlands, riparian areas, drains, rivers, lakes)

During the on-farm audit(s), this sub-area shall be assessed against the ability of the applicant to determine for each target and objective:

a. Level of Confidence (LOC);
b. Reasons for and against to back up the LOC; and
c. Actions to either improve (all LOC) or maintain (high LOC) performance.</td>
<td colspan="2">Objective: Wetlands, riparian areas and the margins of surface waterbodies are managed to avoid damage to the bed and margins of a the water body, and to avoid the direct input of nutrients, sediment, and microbial pathogens</td>
</tr>
<tr>
<td colspan="2">Target 1
Stock is excluded from waterbodies in accordance with regional council rules or any granted resource consent
The applicant shall be assessed on the following criteria:</td>
</tr>
<tr>
<td>Risk to waterbodies
Applicant can detect risks and effects of poor farm practices on to waterbodies.</td>
<td></td>
</tr>
<tr>
<td>Stock management – exclusion from waterways
Applicant is familiar with stock exclusion GMPs to minimise nutrient losses into waterways and is able to communicate to the auditee what action(s) is/are required to improve or maintain performance.

Applicant is also familiar with the regional rules regarding the management of wetlands, riparian and waterbodies.</td>
<td>Industry agreed good management practices relating to water quality</td>
</tr>
<tr>
<td colspan="2">Target 2
Vegetated riparian margins of sufficient width are maintained to minimise nutrient, sediment and microbial pathogen losses to waterbodies are minimised
The applicant shall be assessed on the following criteria:</td>
<td>Wetland, riparian and surface waterbodies management
Applicant is familiar with wetlands, riparian and waterbodies management GMPs to minimise nutrient losses into waterways and is able to communicate to the auditee what action(s) is/are required to improve or maintain performance.</td>
<td>Industry agreed good management practices relating to water quality</td>
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<tr>
<td rowspan="4">2. Environmental Management

1. Applying technical and working knowledge of:
a. Farm systems;
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c. Site Specific Health and Safety and Biosecurity; and
d. Environmental rules and regulations.

2. Analysing:
a. Farm data;
b. Environmental data;
c. Climate data; and
d. Observed farm practices to assess the performance of the farm against the FEP targets and objectives.

3. Develop appropriate and fair actions to maintain (A grades and High targets and objectives only) or improve (all grades) performance.</td>
<td rowspan="4">2.7 Waterbodies (wetlands, riparian areas, drains, rivers, lakes)

During the on-farm audit(s), this sub-area shall be assessed against the ability of the applicant to determine for each target and objective:

a. Level of Confidence (LOC);
b. Reasons for and against to back up the LOC; and
c. Actions to either improve (all LOC) or maintain (high LOC) performance.</td>
<td>Target 3
Farm tracks, gateway, water troughs, self-feeding areas, stock camps, wallows and other farming activities that are potential sources of sediment, nutrient and microbial loss are located so as to minimise the risk to surface water quality
The applicant shall be assessed on the following criteria:

Hot spots
Applicant is familiar with GMPs related to laneways, crossings gateways, low-lying areas, flood water-courses, underpasses etc. and minimisation of pugging and is able to communicate to the auditee what action(s) is/are required to improve or maintain performance.</td>
<td>Industry agreed good management practices relating to water quality</td>
</tr>
<tr>
<td>Target 4
Mahinga kai values are protected as a result of measures taken to protect and enhance water quality and stream health.
The applicant shall be assessed on the following criteria:

Adverse Effects on mahinga kai
Applicant is familiar with the adverse effects on mahinga kai as a result of poor farm practices.</td>
<td>Mahinga kai guidelines</td>
</tr>
<tr>
<td>Mahinga kai enhancement and protection
Applicant is familiar with practices to enhance and protect mahinga kai and can communicate to the auditee what action(s) is/are required to improve or maintain performance.</td>
<td>Mahinga kai guidelines</td>
</tr>
<tr>
<td colspan="2">Additional Sub-regional Targets
The applicant shall be assessed on the relevant criteria related to that target.</td>
</tr>
</table>

<table>
<tr><th>Assessment area</th><th>Assessment sub-area</th><th>Assessment Criteria</th><th>Supporting material</th></tr>
<tr><td rowspan="4">2. Environmental Management

1. Applying technical and working knowledge of:
a. Farm systems;
b. Environmental effects (and effects on mahinga kai) as a result of poor farm practices;
c. Site Specific Health and Safety and Biosecurity; and
d. Environmental rules and regulations

2. Analysing:
a. Farm data;
b. Environmental data;
c. Climate data; and
d. Observed farm practices to assess the performance of the farm against the FEP targets and objectives.

3. Develop appropriate and fair actions to maintain (A grades and High targets and objectives only) or improve (all grades) performance.</td><td rowspan="4">2.8 Point Source

During the on-farm audit(s), this sub-area shall be assessed against the ability of the applicant to determine for each target and objective:

a. Level of Confidence (LOC);
b. Reasons for and against to back up the LOC; and
c. Actions to either improve (all LOC) or maintain (high LOC) performance.</td><td colspan="2">Objective: The number and location of pits are managed to minimise risks to health and water quality</td></tr>
<tr><td colspan="2">Target 1
All on-farm silage, offal pit and rubbish dump discharges are managed to avoid direct discharges of contaminants to groundwater and surface water
The applicant shall be assessed on the following criteria:</td></tr>
<tr><td><u>Leaching risks</u>
Applicant is able to determine the risks to water quality derived from leachate coming from silage, offal and waste pits.</td><td></td></tr>
<tr><td><u>Point source Management</u>
Applicant is familiar with GMPs for the location and leachate management of silage, offal and waste pits. Applicant is also able to communicate to the auditee what action(s) is/are required to improve or maintain performance.

Applicant is also familiar with the regional rules regarding on-farm silage, offal pit and rubbish dump discharges.</td><td><u>Industry agreed good management practices relating to water quality</u></td></tr>
<tr><td colspan="2">Additional Sub-regional Targets
The applicant shall be assessed on the relevant criteria related to that target.</td></tr>
</table>

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1. Applying technical and working knowledge of:
e. Farm systems;
f. Environmental effects (and effects on mahinga kai) as a result of poor farm practices;
g. Site Specific Health and Safety and Biosecurity; and
h. Environmental rules and regulations

2. Analysing:
e. Farm data;
f. Environmental data;
g. Climate data; and
h. Observed farm practices to assess the performance of the farm against the FEP targets and objectives.

3. Develop appropriate and fair actions to maintain (A grades and High targets and objectives only) or improve (all grades) performance.</td>
<td rowspan="4">2.9 Water-use Management (excluding irrigation water)

During the on-farm audit(s), this sub-area shall be assessed against the ability of the applicant to determine for each target and objective:

a. Level of Confidence (LOC);
b. Reasons for and against to back up the LOC; and
c. Actions to either improve (all LOC) or maintain (high LOC) performance.</td>
<td colspan="2">Objective: To use water efficiently ensuring that actual use of water is monitored and efficient.</td>
</tr>
<tr>
<td colspan="2">Target 1
Actual water use is efficient for the end use.
The applicant shall be assessed on the following criteria:</td>
</tr>
<tr>
<td>Water Efficiency for non –irrigation activities
The applicant is able to identify water efficiencies for non-irrigation activities and/or can provide actions related to water use efficiencies.</td>
<td>Irrigation New Zealand – Irrigation System Operation and Guidance</td>
</tr>
<tr>
<td>Water Meters
Applicant is aware of water meter requirements in relation to water abstraction, and can also identify and provide actions regarding the benefit of measuring water use to determine efficiencies.</td>
<td>Irrigation New Zealand – Irrigation System Operation and Guidance</td>
</tr>
<tr>
<td colspan="2">Additional Sub-regional Targets
The applicant shall be assessed on the relevant criteria related to that target.</td>
<td></td>
</tr>
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Assessment area	Assessment sub-area	Assessment Criteria	Supporting material
2. Environmental Management 1. Applying technical and working knowledge of: i. Farm systems; j. Environmental effects (and effects on mahinga kai) as a result of poor farm practices; k. Site Specific Health and Safety and Biosecurity; and l. Environmental rules and regulations 2. Analysing: i. Farm data; j. Environmental data; k. Climate data; and l. Observed farm practices to assess the performance of the farm against the FEP targets and objectives. 3. Develop appropriate and fair actions to maintain (A grades and High targets and objectives only) or improve (all grades) performance.	**2.10 Mahinga kai Sub-Regionals** During the on-farm audit(s), this sub-area shall be assessed against the ability of the applicant to determine for each target and objective: a. Level of Confidence (LOC); b. Reasons for and against to back up the LOC; and c. Actions to either improve (all LOC) or maintain (high LOC) performance.	**Please refer to Waterbodies (wetlands, riparian areas, drains, rivers, lakes) target 4.**	
	3.1 Site Specific Health and Safety and Biosecurity	3.1.1 Health and Safety Applicant is able to follow and implement the necessary health and safety measures during site visits.	Safer farms website Canterbury Certified FEP Auditor Manual
		3.1.2 Biosecurity Applicant is able to follow and implement the necessary biosecurity measures during site visits.	Environment Canterbury biosecurity guidelines Canterbury Certified FEP Auditor Manual