



Mt Cass Wind Farm

Construction Management Plan



Revision 6 – 31 May 2026

Revision History

Version	Status	Issue Date
Rev 1	Draft for Consultation	Dec 2022
Rev 2	MCD Updates post SQIP and MCWF Review	16 Dec 2022
Rev 3	Updates to dates due to changes in programme	23 Feb 2023
Rev 4	Post CLG Review and submission to HDC	22 Mar 2023
Rev 5	Amend dates and laydown yard	02 May 2023
Rev 6	Annual Review	31 May 2026

Approvals

Revision	Action	Name	Position	Date	Signature
Rev 4	Originator	David Kidd	MCD Construction Manager	22 Mar 2023	
Rev 5	Reviewed By	Mike Carstens	Civil Project Engineer	2 May 2023	
Rev 5	Approved By	Greg Gummer	Project Director	2 May 2023	
Rev 6	Approved By	Mike Carstens	Civil Works Manager	31 May 2026	

Table of Contents

Table of Contents.....	ii
Cross-Reference Table to Conditions of Consent.....	1
Terms & Definitions	2
1 Introduction.....	5
1.1 Purpose	5
1.2 Objectives.....	5
1.3 Plan Overview.....	6
1.4 Document Interface	6
1.5 Sub-Management Plans.....	8
1.6 Relevant Consent Holder Documents.....	8
1.7 Relevant Consents.....	9
1.8 Relevant Consent Conditions.....	9
2 CMP Review and Approval	13
2.1 Mt Cass Approvals.....	13
2.2 Approval Timeline	13
2.3 Lodgement of the CMP	13
2.4 Amendments	13
2.5 Annual Review.....	14
3 Roles and Responsibilities	15
3.1 Project Structure.....	15
3.2 Key Project Contacts List.....	16
3.3 Responsibilities.....	19
4 Project Overview	22
4.1 Project Summary	22
4.2 Location	22
4.3 Site Description	23
4.4 Project Scope.....	24
4.5 Stake Holders	25
4.5.1 Key Stake Holders	25
4.6 Land Access Agreement Requirements.....	27
4.7 Complaints.....	28

4.7.1	Complaints Process	28
4.7.2	Complaints Register.....	28
5	Construction Method	29
5.1	Construction Overview	29
5.1.1	Construction	29
5.1.2	Site Lay Down and Office	29
5.1.3	Erosion and Sediment Control	31
5.1.4	Access Track Construction.....	31
5.1.5	Protection of Exposed Limestone	31
5.1.6	Disposal Sites	33
5.1.7	Turbine Pads and Excavation	33
5.1.8	Concrete Batching Plant	33
5.1.9	Cable installation.....	34
5.1.10	Tower Foundations.....	34
5.1.11	Installation of Turbines	34
5.1.12	Remediation.....	35
5.1.13	Limits of disturbance.....	35
5.2	Construction Staging.....	36
6	Control Measures	37
7	Training	39
8	Emergency Response.....	46
8.1	Mt Cass Wind farm High-Level Emergency Response Framework.....	47
9	Monitoring and Maintenance During Construction	48
10	Audits Process	51
10.1	Audit Schedule.....	51
10.2	Corrective Actions	51
11	Appendices	52
	Appendix A: Complaints Register.....	53
	Appendix B: Consent Conditions Compliance Matrix	54
	Appendix C: Mt Cass Wind Farm Access Protocol.....	55
	Appendix D: Exposed Limestone Pavement – Golder Associates Plans CG181.3 & CG182.3.....	56

Cross-Reference Table to Conditions of Consent

For ease of review a matrix of the HDC consent conditions is provided in Appendix A of this management plan as a means of cross-referencing the conditions of consent with this plan and its sub plans.

In the individual sub-plans, there is a more detailed table which states how each plan meets the specific conditions.

Terms & Definitions

TERM	DEFINITION
Accidental Discovery Protocol (ADP)	The ADP shall set out the steps to take should any prehistoric (Māori) or historic archaeological site be found as a result of any earthmoving or ground modification that occurs during the construction and operation of the wind farm at any time.
Boulder Field	Boulder field means land in which the area of unconsolidated bare boulders (> 200 mm diam.) exceeds the area covered by any one class of plant growth-form.
Civil Balance of Plant (cBoP) Contractor	Any company engaged by MCWFL to build the civil portion of the scope for the project.
Community Liaison Group (CLG)	A group offered to be established by way of public notice. Consisting of 1x East ward representative of property owners 1x South ward representative of property owners 1x Representative of Mt Cass Rd residence 1x Representative from the consent holder 1x Observer from the Hurunui District Council
Consent Holder	Mt Cass Wind Farm Limited
Construction Management Plan (CMP)	This document.
CMP Review Panel	A Review Panel formed from a nominated member from each of the contracting entities, MCWFL and their relevant technical experts who are tasked with carrying out an annual review of the CMP.
Construction Laydown Yard	A laydown area inside the site entrance.
eBoP	Electrical Balance of Plant – Company engaged by MCWFL to design and build the electrical scope of the project.
ECan	Environment Canterbury (Canterbury Regional Council)
ESCP	Erosion Sediment Control Plan
Exposed Limestone Pavement	Exposed limestone pavement means those areas, in situ or otherwise, that consist of a continuous, relatively flat or moderately inclined surface with an organised system of open sub-vertical joints which fully penetrate the surface limestone bedding as identified on Golder Associates plans CG181.3, CG182.3, dated 27 May 2011 attached as Appendix D.
HDC	Hurunui District Council

TERM	DEFINITION
Independent Suitably Qualified Person (SQIP)	A company agreed between HDC and MCWFL who is engaged to review the CMP and certify its compliance against the resource consent conditions. Namely Stantec Ltd.
Inspection Test Plan (ITP)	Contractor produced check list demonstrating how compliance with the specification will be met to ensure quality control
Job Safety and Environmental Analysis (JSEA)	A risk assessed method statement which aims to identify and mitigate environmental and safety hazards.
Landscape Panel	A panel to provide expert guidance to the project on the implementation of the landscape conditions in the resource consent. The panel is formed of 1x MCWFL and 1x HDC Appointed Landscape Architect.
Micro Siting	The process of relocating the turbine within the limits of the consent conditions to optimise site conditions for the turbine.
Mt Cass Wind Farm (MCWF)	The Project
Mt Cass Wind Farm Limited (MCWFL)	The Consent Holder and Principal
Permanent Stockpiles / Disposal Areas	A stockpile (Disposal Site) location which will receive fill from the project and is to be left after the project. These must meet RC requirements for design, contouring and rehabilitation.
Port of Entry (POE)	The port that imported goods first enter New Zealand
Regulator	Relevant council to the consent
Safe Work Method Statement (SWMS)	A risk assessed method statement which aims to identify and mitigate environmental and safety hazards.
Siemens Energy	Contractor supplying and installing the wind turbine generators. (S&I Contractor)
Site Cultural Sensitivity Protocol (SCSP)	Protocols and process for dealing in a culturally safe manner with all sites identified under condition [126] as being of potential cultural concern or significance to Waitaha.
Site Construction Camp	The main construction camp built at the base of the wind farm access track.
Site Traffic Management Supervisor (STMS)	Is the supervisor responsible for managing all temporary traffic management aspects of a roadworks site. They ensure effective protection for all road workers and road users on Mt Cass Public Road.
Suitably Qualified Independent Person (SQIP)	An individual who is suitably qualified to review and certify that this CMP meets the requirements of the resource consents. They are to be approved by HDC and engaged by MCWFL. – Namely Tim Morrison from Stantec Ltd.

TERM	DEFINITION
Temporary Speed Limit (TSL)	A speed limit implemented under a traffic management plan to temporarily reduce the speed limit from the legal posted limit.
Temporary Stockpiles	A stockpile that is used to facilitate construction but not left on site on completion of the project. These are used for short durations and are stabilised using permanent means (i.e., an aggregate stockpile).
Traffic Management Diagram (TMD)	A site-specific traffic management layout drawing.
Traffic Management Plan (TMP)	Plan developed by a qualified person and describes all the co-ordinated measures that detail how a safe environment will be created for all road users while work or activity takes place on the roading corridor (road, footpath, or berm).
Work Pack	A document compiled by the contractor for all construction tasks. Comprises of a method statement, JSEA / SWMS Inspection test plan, permits to work and SOPs and demonstrates how the construction will comply with the resource consent, law, specification, industry best practice company and project procedures.
WTG	Wind Turbine Generator

1 Introduction

1.1 Purpose

This Construction Management Plan (CMP) has been prepared to;

- Avoid environmental harm.
- Mandate how compliance will be achieved.
- Meet the requirements of the resource consents.
- Meet the requirements of the overarching Mt Cass Wind Farm Environmental Management Plan.

Its purpose is to communicate the construction management procedures and construction methods that are to be implemented throughout the course of the Mt Cass Wind Farm Project by each of its contractors and how the project will meet the conditions of the resource consents.

1.2 Objectives

This Construction Management Plan has been prepared to meet the following objectives.

- To minimise the overall area of disturbance (by cuts, fills and placement of cover) of karst limestone features and indigenous vegetation, but in any event, to ensure compliance with the maximum levels of indigenous shrubland and forest clearance and disturbance of limestone pavement and boulder field set out in RC260077 (previously RC250117) Condition 13 and CRC264960 Condition 2.
- Avoid disturbance of vegetation and limestone features within the exclusion zones as set out in RC260077 condition 6 and CRC264960 Condition 3.
- To minimise sediment generation and sediment-laden runoff in accordance with RC260077 condition 37.
- To maintain existing surface and subsurface drainage patterns and pathways.
- To ensure that appropriate monitoring and reporting of all activities are undertaken in accordance with these conditions.
- To ensure that the earthworks and spoil disposal areas are contoured so that, to the greatest extent practicable, the finished landform will blend with the surrounding landscape so as not to be visually dominant from any public viewing point (excluding unformed legal roads).
- To ensure that the earthworks are undertaken in a manner which provides for final surfaces which are suitable for rehabilitation and/or recolonisation by native vegetation to achieve vegetative cover that is effective at minimising sediment run-off.
- To ensure that only those areas identified in Plans CRC264960B and CRC264960C referred to in conditions 3, 4 and 5 (or any subsequent replacements) are used as spoil disposal areas.
- To ensure matters relating to the extent and timing of construction traffic and the traffic management provisions be put in place during this time, to achieve a safe and efficient road network.
- To ensure that CRC264960 Condition 21 relating to visual effects mitigation are met.
- To identify threatened indigenous flora within the construction zone and provide for their safe relocation as required under the Environmental Management Plan in Consent CRC264960 Condition 19.
- To identify the Waitaha gecko (Canterbury gecko) and other lizard species within the construction zone and provide for their safe relocation as required by the Environmental Management Plan in Consent CRC264960 Condition 19 and Consent RC260077 condition 79.

- Minimise the potential for disruption to any active New Zealand falcon nest identified within 200m of any construction or earthwork area, and Consent RC260077 condition 73.
- To minimise the introduction and spread of weeds.
- Control construction noise.

1.3 Plan Overview

The CMP applies to all works up to and including the completion of commissioning and rehabilitation of construction activities.

This CMP is a requirement of the HDC Land Use consent RC260077 and the Canterbury Regional Council (ECan) Consent CRC264960.

These consents are the overarching regulatory documents that form this CMP. MCWFL has developed an Environmental Management Plan (EMP) which provides the overall governance and strategy for the lifecycle of the project.

The EMP sets out construction ecology risks and associated management processes to mitigate the identified project risks. During construction, each contractor engaged by MCWFL will be responsible for ensuring that this plan is correctly implemented and will review all documentation relating to this plan.

The overhead transmission lines from the substation to the electrical grid are covered under different resource consents and do not form part of the scope of work covered by this CMP or its subplans.

1.4 Document Interface

The CMP is governed by the resource consents and the MCWFL EMP, which are the overarching documents.

This CMP sets out how the construction will be managed, and consent conditions met and is supplemented by Sub-Management plans which detail how specific risks are managed.

The individual contractors engaged by MCWFL will require their own individual management plans under their internal policies. These plans will be written to ensure that they meet the requirements of this CMP which has precedence.

The flow chart in Table 1 shows the hierarchy of documents and how they interface with each other.

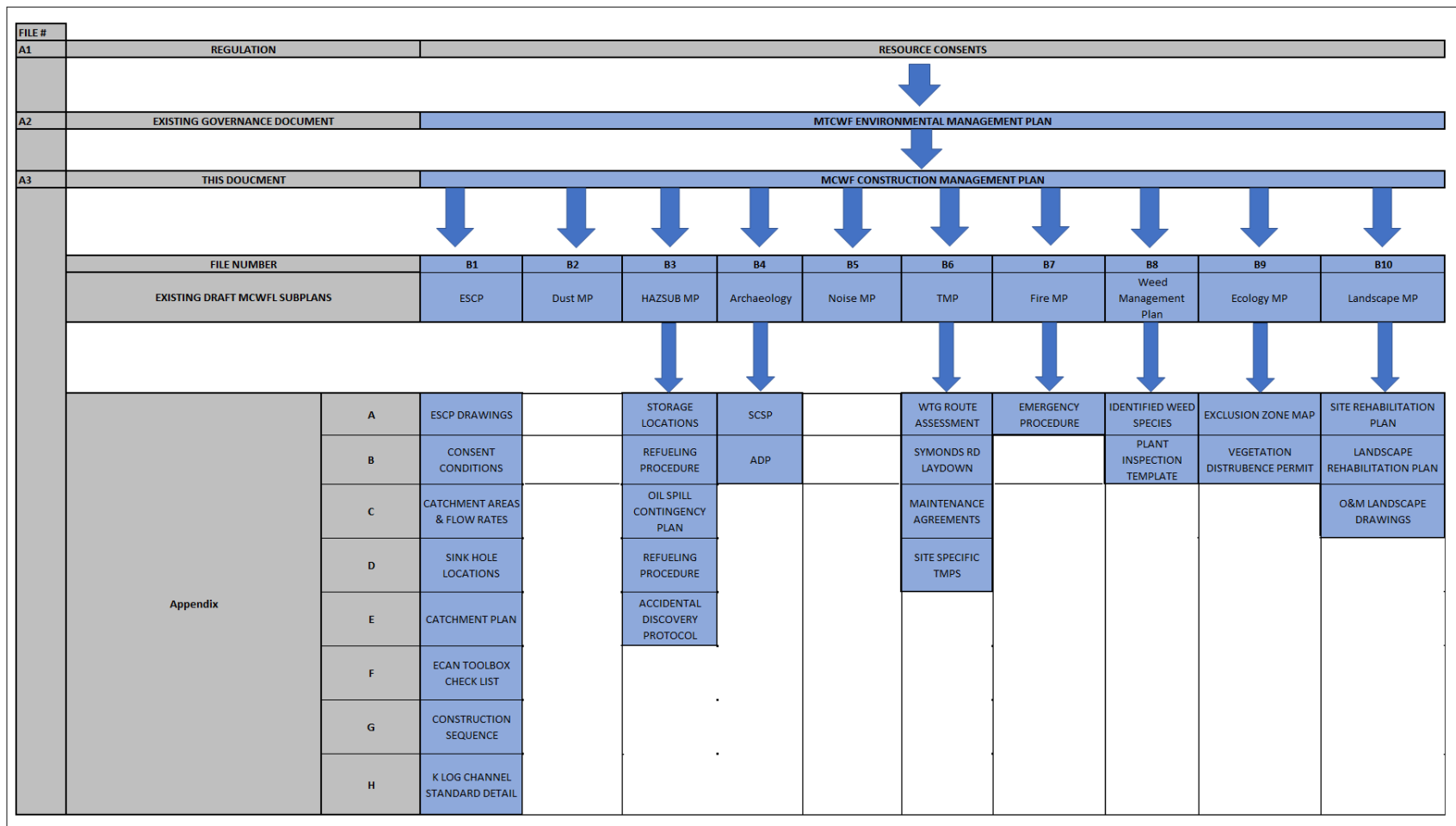


Table 1 CMP Document Hierarchy

↓

Contractors' Management Plans, work packs and compliance documents

1.5 Sub-Management Plans

The sub-management plans in Table 2 have been developed and form part of the CMP.

Title	Revision
Erosion Sediment Control Plan (ESCP)	8
Dust Management Plan (DMP)	6
Hazardous Substance Management Plan (HSMP)	6
Accidental Discovery Protocol Plan (ADP)	7
Noise Management Plan (NMP)	6
Traffic Management Plan (TMP)	7
Fire Management Plan (FMP)	12
Weed Management Plan (WMP)	7
Ecology Management Plan (EcoMP)	7
Landscape Management Plan (LMP)	5

Table 2 Sub-Management Plans

1.6 Relevant Consent Holder Documents

Table 3 provides a list of the relevant overarching project documents.

Title	Revision
Mt Cass Wind Farm Environmental Management Plan	Rev 14 (31/05/2026)
Mt Cass Wind Farm Health and Safety Management Plan	Rev 3 (17/12/2025)
Wildlife Act Authority – Lizard Salvage	98153-FAU (29/11/2022)
Wildlife Act Authority - Lizard Salvage Deed of Variation	98153-FAU (22/02/2024)

Table 3 Relevant Overarching Project Documents

1.7 Relevant Consents

Table 4 provides a list of the consents for the construction of the Mt Cass Windfarm.

Number	Title	Regulator
CRC264960	Land for Earthworks-Construction	ECan
CRC264961	Construction Stormwater Discharge to Land	ECan
CRC264706	Discharge to air & stormwater to land – concrete batching plant	ECan
CRC264111	Take and use water	ECan
RC260077	Land Use Consent	HDC

Table 4 MCWF ECan and HDC Consents

Several resource consents are held to authorise the previous design which are no longer required in full for the revised design, specifically the removal of the proposed Symonds Road laydown area and the widening of Mt Cass Road. These consents are RC230134 from HDC and CRC241180, CRC241182, CRC241184 and CRC241185.

1.8 Relevant Consent Conditions

Appendix B of the Construction Management Plan includes a matrix of all consent conditions that are included in the Construction Management Plan and Subplans. Table 5 shows the specific conditions that pertain to this plan:

Consent Conditions	Control
31). The objective of the Construction Management Plan shall be to set out the practices and procedures to be adopted to ensure compliance with consent conditions and to meet the following objectives:	
a. To minimise the overall area of disturbance (by cuts, fills and placement of cover) of karst limestone features and indigenous vegetation, but in any event to ensure compliance with the maximum levels of indigenous shrubland and forest clearance and disturbance of limestone pavement and boulder field set out in condition [13];	EcoMP and LMP
b. Avoid disturbance of vegetation and limestone features within the exclusion zone as set out in condition [6];	EcoMP and LMP
c. To minimise sediment generation and sediment laden runoff in accordance with condition [37];	ESCP
d. To maintain existing surface and subsurface drainage patterns and pathways;	ESCP
e. To ensure that appropriate monitoring and reporting of all activities is undertaken in accordance with these conditions;	Section 9
f. To ensure that the earthworks and spoil disposal areas are contoured so that, to the greatest extent practicable, the finished landform will blend with the surrounding landscape so as not to be visually dominant from any public viewing point (excluding unformed legal roads);	LMP
g. To ensure that, the earthworks are undertaken in a manner which provides for final surfaces which are suitable for rehabilitation and/or recolonisation by native vegetation;	LMP
h. To ensure that only those areas identified in the Golder Associates plans referred to in conditions [3] and [4] and MainPower Plans referred to in condition [5] are used as spoil disposal areas;	ESCP and LMP
i. To ensure matters relating to the extent and timing of construction traffic, and the traffic management provisions to be put in place during this time, achieve a safe and efficient road network;	TMP
j. To ensure that conditions of this consent relating to visual effects mitigation can be met;	LMP
k. To identify threatened indigenous flora within the construction zone and provide for their relocation as required by condition [32.n];	EMP

l. To identify Canterbury gecko and other lizard species within the construction zone and provide for their relocation as required by condition [79];	EcoMP and EMP
m. Minimise potential for disruption to any active New Zealand falcon nest identified within 200 m of any construction or earthwork area; and	EcoMP and EMP
n. To minimise the introduction and spread of weeds.	WMP
32) The Construction Management Plan shall include, but not be limited to:	
a. The methods and techniques to achieve the above (condition 31) objectives.	Consent matrix in Appendix B: outlines where each consent condition is controlled, and how it is controlled.
b. Assigning roles and responsibilities, including appointment of a representative to be the primary contact person in regard to construction matters relating to this consent	Section 0 Roles and Responsibilities
c. Details of a training programme for machinery operators working on the site who will be involved in indigenous vegetation or limestone pavement or boulder field disturbance. The training programme will include, but not be limited to, education on using least impact techniques when disturbing or clearing limestone or indigenous vegetation.	Section 7
d. Limits of disturbance to indigenous vegetation and karst landforms in accordance with condition [13].	EcoMP and Pre-construction Management Plan
e. Location of soil stockpiles and spoil disposal areas.	ESCP and LMP
f. Construction staging and sequencing over the entire site.	Section 5 Construction Method
g. A description of the sources of noise and the methods to be used to meet condition [131].	NMP
h. Management of construction traffic as provided for in condition [63].	TMP
i. Procedures for earthworks, erosion and sediment control, stabilisation of the site (including the removal or stabilisation of any unstable boulders) and revegetation of existing vegetation sites with locally eco-sourced indigenous species and non-invasive,	ESCP and LMP EMP

low stature grasses such as perennial ryegrass (<i>Lolium perenne</i>) and annual poa (<i>Poa annua</i>) grass species only. Aggressive exotic grasses such as browntop (<i>Agrostis capillaris</i>), cocksfoot (<i>Dactylis glomerata</i>) and brome (<i>Bromus</i> spp.) shall not be used.	
j. Contouring of all spoil disposal sites to visually integrate into the natural landform.	LMP
k. Procedures for management, control and maintenance of runoff processes and patterns	ESCP
l. Procedures for the management of dust.	DMP
m. Procedures for the management of weeds.	WMP
n. Methods for the relocation of threatened indigenous flora (as defined by de Lange et al (2009)) identified within the construction zone, and where practicable, At-Risk indigenous flora (defined by de Lange et al (2009)) identified within the construction zone.	EcoMP and EMP
o. Methods for location and relocation of lizards as required by condition [79].	EcoMP and EMP
p. Procedures for management of fire risk and for fire suppression.	FMP
q. Adoption, if appropriate, of the principles identified in the Ministry for the Environment publication “A Cultural Health Index for Streams and Waterways, June 2003, Technical Paper 75”.	Not considered applicable to this site as there are no permanent waterways.
r. Spill contingency measures and procedures for the management of hazardous substances.	HSMP
s. Procedures for rehabilitation of the areas directly affected by the construction and roading activities and the ongoing maintenance of the rehabilitation work.	LMP
t. Monitoring, record-keeping and reporting requirements.	See reporting and monitoring section of this plan and all sub-plans.
u. Procedures for minimising the visual effect of any removal or stabilisation of unstable boulders for safety reasons during construction and operation.	LMP
v. Procedures to ensure compliance with conditions [45] and [46] for the treatment of identified areas of limestone pavement.	LMP

Table 5 MCWF Consent Conditions Applicable to the CMP.

2 CMP Review and Approval

2.1 Mt Cass Approvals

This CMP is a collaboration between Mt Cass Windfarm Limited (MCWFL) and their contractors. The approval process is demonstrated in the flow chart in Figure 1.

Stantec are the Suitably Qualified Independent Person (SQIP) to certify that the CMP meets the requirements of Consent CRC264960 condition 8 and 9 and the CMP requirements of Consent RC260077.

The CLG was given the opportunity to provide comment at the initial draft and final review stage.

This CMP was approved by the SQIP on the 21 March 2023. MCWF lodged it to HDC for approval. Approved from HDC was received on the 10 July 2023.



Figure 1 Approval Flow Chart

2.2 Approval Timeline

This CMP was approved by the regulator in July 2023. Its lodgement is not required to allow construction to commence. MCWF has completed the required milestones in Table 6.

Date	Milestone	Responsible Entity
18/11/2025	Preconstruction plan issued to HDC for review (Condition 33)	MCWFL
18/12/2025	Provide 10 working Days' notice to Iwi of earthworks activities (Condition 125)	MCWFL
17/12/2025	Provide 5 working day notice of construction starting (Condition 34)	MCWFL
12/01/2026	Construction commences on site	cBoP

Table 6 Proposed CMP Timeline

2.3 Lodgement of the CMP

Copies of the approved CMP have been lodged in the Hurunui Memorial Library in Amberley and the Christchurch Public Library; the CMP is also available <https://www.yinsonrenewables.co.nz/project-sites-mt-cass/> as required by the resource consent.

2.4 Amendments

The CMP is a live document and will be reviewed and updated throughout the duration of the project.

The consent holder may make any reasonable amendments to the CMP (including any sub-management plans which are prepared as part of the CMP). Any changes to the management plans

shall remain consistent with the objectives of the CMP and be certified by an independent, suitably qualified certifier(s).

The Consent Holder shall provide any amended plan to the Hurunui District Council and ECan (Marked Attention Regional Leader, monitoring, and compliance) for certification that it will achieve compliance with the relevant consent conditions.

The flow chart in Figure 2 below demonstrates the amendment process.



Figure 2 CMP Amendment Process.

All activities shall be undertaken per the latest versions of management plans.

2.5 Annual Review

This document is to be formally reviewed every 12 months throughout construction (including rehabilitation) as required in by Consent RC260077 Condition 26 or if it is found that the management practices are not achieving the objectives of the Management Plan, which are outlined in section 1.2.

A Review Panel will be formed from a nominated member from each of the contracting entities, MCWFL and their relevant technical experts.

The review will assess whether management practices are resulting in compliance with the conditions of the relevant consents, and whether the objectives of the management plans are being met through the actions and methods undertaken.

The Consent Holder shall amend the plans where it is necessary to better achieve the objectives of the management plans and the conditions of this consent. The Consent Holder shall provide any amended plan to the Hurunui District Council and ECan for certification that it will achieve compliance with the relevant consent conditions. The management plans shall not be amended in any way that contravenes the objectives set out for the respective plans.

The flow chart in Figure 3 below demonstrates the annual review process.



Figure 3 – CMP Annual Review Process.

3 Roles and Responsibilities

3.1 Project Structure

Mt Cass Windfarm Limited are the principal consent holder. MCWFL engaged Tonkin & Taylor to complete the civil/structural design, Taylors Contracting to build the civil/structural works and Electronet to design and build the electrical works. AECOM are providing specialist engineering and planning resources. Siemens Energy are supplying and installing the WTGs.

The Mt Cass Wind Farm Project organisational structure is shown in Figure 4 below.

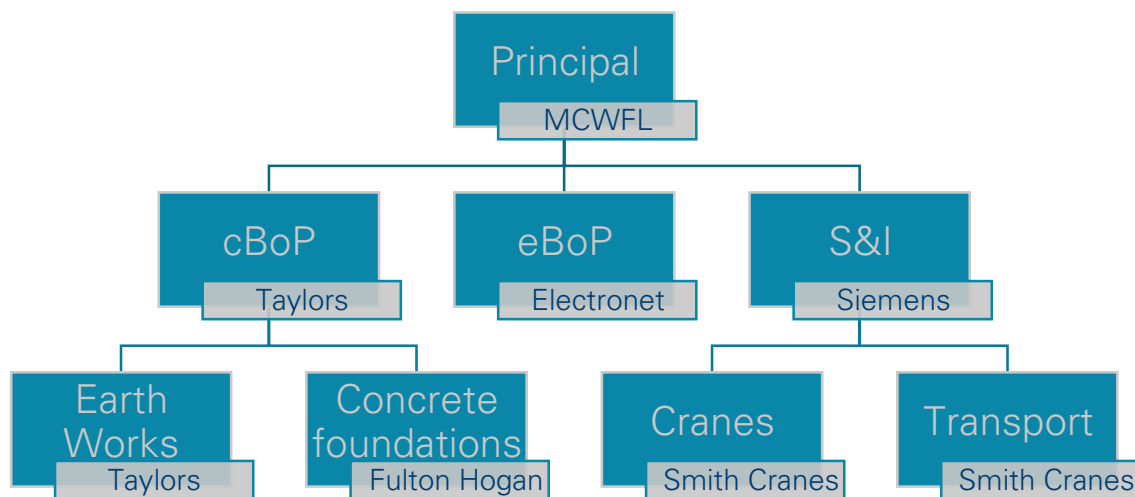


Figure 4 Mt Cass Wind Farm Project Structure

3.2 Key Project Contacts List

The project key contacts are list in Table 7 below.

Consent Holder – Mt Cass Windfarm Ltd				
Role	Company	Name	Phone	Email
Project Director	MCWFL	Todd Voice	027 510 6281	Todd.Voice@vinson.com
Construction Project Manager Primary Contact	MCWFL	James Cameron	027 202 3621	James.Cameron@vinson.com
Civil Works Manager Secondary Contact	MCWFL	Michael Carstens	027 247 1713	Michael.Carstens@vinson.com
Electrical Works Manager Secondary Contact	MCWFL	Neil Wiggins	0204 133 1255	Neil.Wiggins@vinson.com
Health & Safety Manager	MCWFL	Tom Hepi	022 125 1275	Tom.Hepi@vinson.com
Environmental Compliance Manager	MCWFL	Laura Burgess	021 240 3997	Laura.Burgess@vinson.com
Ecology	RMA Ecology	Graham Ussher	027 272 7930	Graham.Ussher@rmaecology.co.nz
Herpetofauna (Lizard) Management	RMA Ecology	Graham Ussher	027 272 7930	Graham.Ussher@rmaecology.co.nz

Avifauna (Bird) Management	Kessels & Associates (T/A Bluewattle Ecology)	Gerry Kessels	027 286 8449	gkessels@bluewattle.co.nz
Plant Management	RMA Ecology	Jeroen Lurling	022 0794228	Jeroen@rmaecology.co.nz
Weed Management	Wai-Ora	Tania Edwards	028 092 4324	Tania@wai-ora.nz
Land Scape Panel MCWF Appointed	Wayfinder Landscape Planning & Strategy	Shannon Bray	027 451 6319	shannon@wayfinder.nz
Landscape Panel HDC Appointed	Rough & Milne	Nikki Smetham Matt Lester	027 532 6676 0212248148	nikki@roughandmilne.co.nz matt@rmmla.co.nz
Animal Pest Management	Pest Control Solutions	Fraser Maddigan	027 525 3619	Bradley855@gmail.com

cBoP – Taylors Construction				
Role	Company	Name	Phone	Email
Project Director	Taylors	David Kidd	027 7039 803	David.Kidd@taycon.co.nz
Construction Manager	Taylors	Gareth Bruce	027 204 7519	Gareth.Bruce@taycon.co.nz
Site Manager	Taylors	James Flower	027 939 9178	James.Flower@taycon.co.nz

Health & Safety Manager	Taylors	Kyle O'Donoghue	027 207 3108	Kyle.ODonoghue@taycon.co.nz
Quality Manager	Taylors	Jeff Lorin	021 457 642	Jeff.Lorin@taycon.co.nz
Environmental Engineer	Taylors	Christian Lovell	021 676 458	Christian.Lovell@taycon.co.nz
Site Emergency Coordinator	Taylors	Kyle O'Donoghue	027 207 3108	Kyle.ODonoghue@taycon.co.nz

eBoP – ElectroNet				
Role	Company	Name	Phone	Email
Project Director	ElectroNet	Kieran Kennedy	027 466 7434	Kieran.Kennedy@electronet.co.nz

S&I Contractor – Siemens Gamesa Renewable Energy				
Role	Company	Name	Phone	Email
Project Manager	SGRE	Akshar Sheth	TBC	aksar.sheth@siemensgamesa.com

Table 7 Project Key Contact Lists

3.3 Responsibilities

Table 8 below defines the key responsibilities for the project.

Role	Responsibility
MCWFL Project Director	Has ultimate responsibility for compliance with the specification and resource consent conditions.
MCWFL Construction Project Manager (Primary Contact)	- Has ultimate responsibility for construction activities and ensuring implementation of this CMP. - Reports to the Project Director. - Is the primary point of contact as required under the resource consent conditions
MCWFL Civil Works Manager	- Is responsible for compliance with the specification and resource consent conditions for the civil scope of work. - Reports to the Construction Project Manager.
MCWFL Electrical Works Manager	- Is responsible for compliance with the specification and resource consent conditions for the electrical scope of work. - Reports to the Construction Project Manager.
MCWFL Environmental Compliance Manager	- Develops, implements, and reviews environmental management systems and plans. - Provides leadership to ensure all staff comply with environmental management systems. - Co-ordinates environmental management interfaces with external agencies and stakeholders - Notifies the consent authorities of any non-compliance. - Responsible for reporting major defects and non-compliances and arranging appropriate corrective actions. - Trains staff in environmental objectives and procedures - Primary contact for environmental complaints and enquiries. - Reports to the Construction Project Manager
ECan Compliance Officer	- Undertakes compliance inspections as necessary. - Attends early meeting to contribute to development of CMP.
DC Environmental Services Manager / HDC Senior Planner	- Reviews submitted information as required in the resource consent. - Undertakes compliance inspections as necessary.

Role	Responsibility
Community Liaison Group	• Maintain an effective working relationships and mutual trust between the local community and MCWF. • To provide a forum for communication between the local community, MCWF, the contractors and the Consent Authority • Oversee a community complaint procedure. • Respond to matters which may arise.
Contractors Construction Manager	• Overall environmental performance of their scope of works • Ensure their scope of works achieves legislative compliance. • Provide leadership in the development of this plan and co-ordinate with other contractors. • Nominate key personnel, assigning environmental responsibilities and allocating sufficient resources to achieve implementation of this plan. • Ensure all personnel are familiar with and implement all relevant environmental controls as required. • Monitor environmental performance to ensure compliance and continued improvement. • Report any environmental incidents to the MCWFL Construction Manager.
Contractors Environmental Advisor	• Support the Contractors Project Manager/ Environmental Manager/ HSE Manager to ensure that all key environmental aspects and associated impacts are incorporated into the CMP and Contractors EMP, and that suitable control measures are proposed to minimise the Project's environmental impact. • Ensure all staff and contractors engaged to work on/ at the Project are appropriately inducted and trained in environmental issues and controls relevant to the Project. • Ensure monitoring programs which assess the performance of the CMP, and any associated documents are implemented. • Report any environmental incidents to the Contractors Project Manager / Environmental Manager/ HSE Manager. • Investigate and report incidents and non-conformance and ensure corrective and preventive action is taken and is effective. • Provide effective environmental leadership. • Ensure an ESCP is designed in conjunction with the permanent works design. • Participate in incident and non-conformance report investigations and ensure that corrective and preventative action proposed is implemented effectively.
Contractors Site Manager	• Ensures environmental, erosion and sediment control works are implemented and maintained.

Role	Responsibility
	- Leads the emergency response crew with advice from the Environmental Advisor. - Reviews and authorizes the closure of Site Access Points to reduce the risk of dirt on roads. - Reviews the need to use a water cart to control dust.
Contractors Environmental Site Team	A crew / small team responsible for implementing specialist environmental control measures e.g. erosion and sediment retention ponds and decanting earth bunds, topsoil bunding, silt fences, pond maintenance etc
Construction Plant Operators	- To ensure that weed control measures are implemented. - To ensure that indigenous vegetation disturbance is limited. - To ensure that limestone pavements are protected. - To ensure that no work is conducted in exclusion zones. - To ensure that site refuelling procedures are followed. - To ensure that ESC is in place prior to work. - To follow the permit to work systems. - Responsible for reporting incidents and other problems to senior staff.
Site Personnel	- Responsible for reporting incidents, defects, and other problem areas to senior site staff as they arise on site. Standard forms will be used for all incident reporting. - Conduct routine maintenance and emergency work when directed. - Care for all environmental works. - Ensure the site is kept tidy and litter is placed in bins. - Act in an environmentally responsible manner always to reflect the contractor's commitment to environmentally responsible environmental practices.

Table 8 Project Roles and Responsibilities

4 Project Overview

4.1 Project Summary

The Mt Cass Windfarm (MCWF) Project aims to design and construct 22 Siemens Wind Turbine Generators (WTGs) along the 7.5km ridge between Mt Cass and Oldham Peak including associated roads, drainage, hardstands, substation, and O&M buildings. In terms of the resource consent the R90 turbine layout will be used.

The project will generate a maximum capacity output of 94MW.

This [YouTube Link](#) provides a computer-generated fly over of the project.

4.2 Location

The Mt Cass Wind Farm (MCWF) project is located east of Waipara in North Canterbury and is 15km northeast of Amberley, New Zealand. The site access is via Mt Cass Road.

The location map in Figure 5 provides the sites location in relationship to Christchurch.

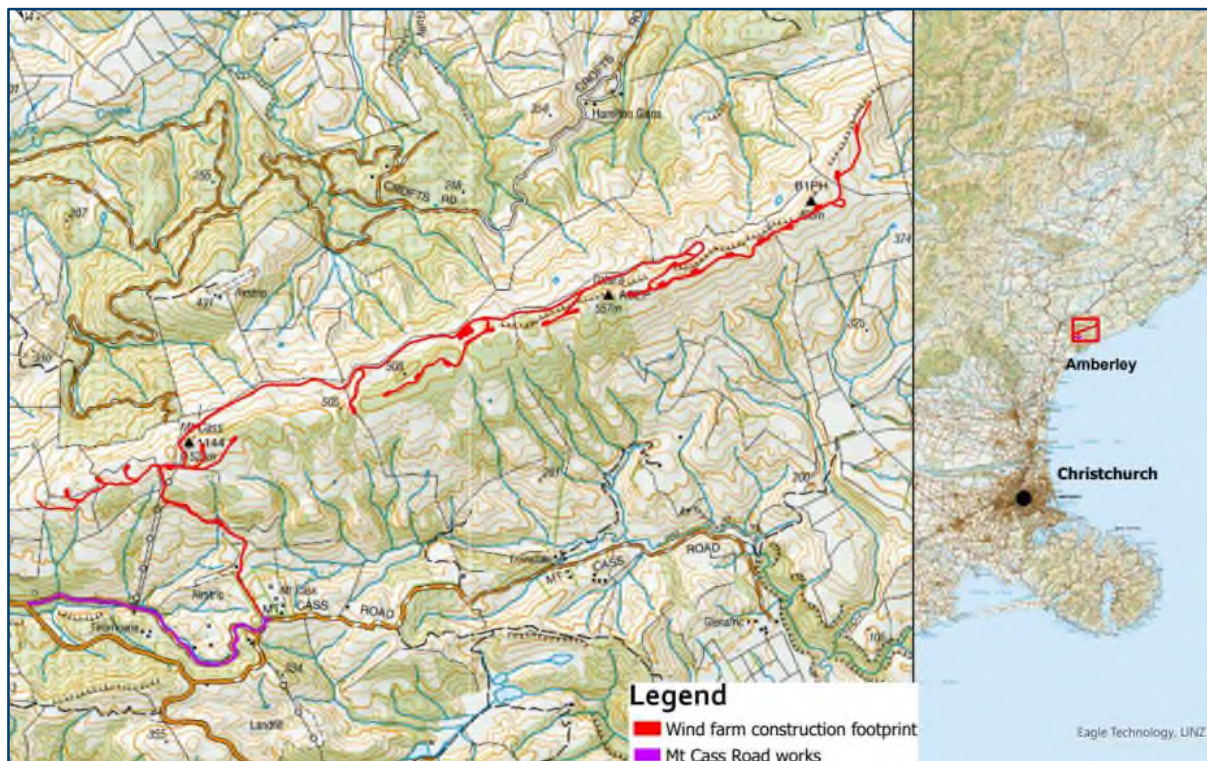


Figure 5 – Mt Cass Location Map.

4.3 Site Description

The site is within the territorial authority jurisdiction of Hurunui District Council (HDC). The Site includes the Mt Cass Conservation Management Area which is outlined in Figure 6 below – This is a significant area of indigenous vegetation. The limestone-associated vegetation types and habitats present are regarded as regionally rare and underrepresented within the current protected area network in Canterbury.

This unique location requires MCWFL to undertake a programme of conservation protection and restoration, which adds significant management responsibility throughout the construction phase of the project.



Figure 6 Site map with Mt Cass CMA shown in blue.

4.4 Project Scope

The individual contractor's scope covered by this CMP is defined in Table 9 and shows which contractor is responsible for which aspects of the project.

cBoP Earthworks Contractor	eBoP Contractor	S&I Contractor	Unallocated
Erosion and Sediment Control Site Construction Camp Earthworks Access Road Construction Storm Water WTG Crane Pads Batching Plant WTG Foundation Construction O&M Building Pads Substation Pad Remediation	Trenching Underground cables Substation	Supply and Installation of WTG	O&M Building Fencing Landscaping

Table 9 Mt Cass Wind Farm Contractor Scope

4.5 Stake Holders

4.5.1 Key Stake Holders

The MCWF project takes its obligations in relation to understanding the needs and expectations of interested parties seriously. The parties in Table 10 are identified as having a specific interest in the project.

Stakeholder	Interests
HDC Councillors	Political, positive benefits
HDC consent compliance team	Compliance with consent conditions, minimising the actual and potential effects on the environment
HDC Road Corridor team	Works on Mt Cass Road, compliance with TMP and temporary traffic management controls
Iwi (Te Ngāi Tūāhuriri Rūnanga and Waitaha ki Waitaha)	Potential areas of cultural significance, water quality, indigenous flora and fauna
Heritage New Zealand Pouhere Taonga	Potential archaeological site or materials Development of site-specific Accidental Discovery Protocol
Transpower	Connections to transmission lines
Waka Kotahi New Zealand Transport Agency	Transportation of Project components using State Highway 1, compliance with TMP and temporary traffic management controls
Transwaste / Kate Valley	Shared access road with the construction site which needs maintenance and access considerations
Department of Conservation	Indigenous flora and fauna (lizards, birds)
Environment Canterbury (ECan)	Compliance with consent conditions, minimising the actual and potential effects on the environment
Community Liaison Group (CLG)	Group required by HDC consent conditions and to function as a forum for relying concerns, to discuss and provide feedback on management plans and to discuss results of monitoring and reports required by the conditions
Statutory Liaison Group (SLG)	DoC and an HDC approved independent peer reviewers experienced in the field of terrestrial ecology and restoration ecology
Landowners	Ongoing consultation in regard to access arrangements and impacts on farming operations
Adjacent landowners	Potential effects of the Project in relation to visual amenity and noise (predominantly operational noise)
Local organisations (Waipara District Residents Assn, Waipara Valley Promotions Assn, Omihi Ratepayers, Waipara Valley Winegrowers Incorporated and Waipara Wine Village developers)	General interest in Project and potential adverse effects

Table 10 Project Stakeholders

4.6 Land Access Agreement Requirements

MainPower owns the 168ha ridge property that covers a 3km length of the ridge, the remaining land that the project sits on is owned by five other parties that have signed access agreements with MCWFL which has established an easement for access.

The properties are shown in Figure 7 below. The properties are used for farming operations and each property has independent requirements for access which are detailed in Appendix C of the Mt Cass Wind Farm Site Access Instruction.

MCWFL has agreements with Transwaste Canterbury Ltd including for access of heavy vehicles via Kate Valley Landfill.

One key requirement that are not widespread practice on farms are:

- All machinery and boots are to be cleaned and free of mud prior to entering Dovedale Farm.

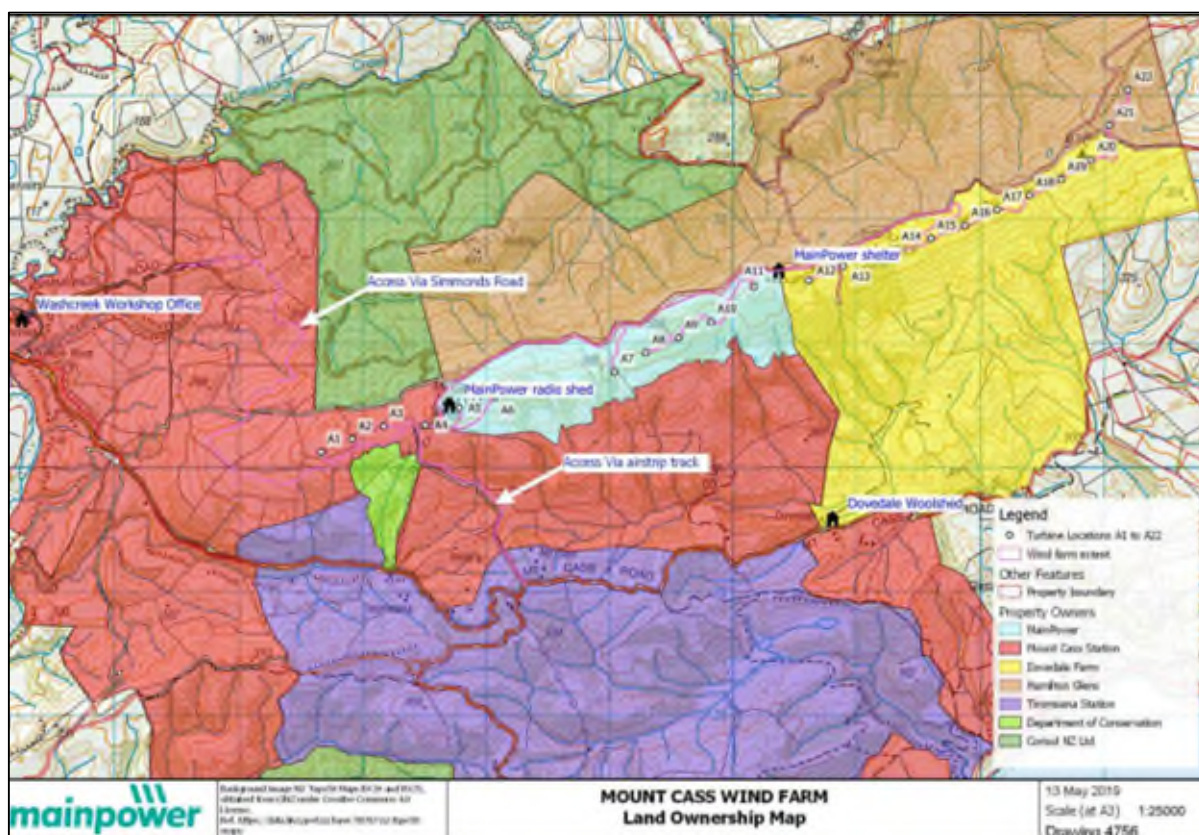


Figure 7 Mt Cass Landowner Map

4.7 Complaints

4.7.1 Complaints Process

The Consent Holder has established and publicised contact details (email and phone number), so that members of the local community can raise issues that may arise during construction of the wind farm. A logbook detailing all calls and any action taken shall be kept and made available to Hurunui District Council on request.

Detailed MCWFL Complaints process

- Complaint issued via:
- Website <https://www.yinsonrenewables.co.nz/project-sites-mt-cass/>
- Phone 021224 8482
- Direct engagement from site staff via contact details provided at the project notice board at the site entrance.
- Hurunui District Council 03 314 8816
- MCWFL direct the complaint to the relevant contractor or address inhouse if operational
- Record complaint on complaints register as noted in Section 4.7.2 below.
- Rectify issue.
- Provide feedback and close out on register.

4.7.2 Complaints Register

A register for any complaints shall be maintained for the construction activities and operation of the wind farm received by the Consent Holder including complaints in relation to traffic, noise, dust, shadow flicker or blade glint. The register shall record, the following:

- The date, time and duration of the incident that has resulted in a complaint.
- The location of the complainant when the incident was detected.
- The possible cause of the incident.
- Any corrective action undertaken by the Consent Holder in response to the complaint, including timing of that corrective action.
- The date and details of the response given to each complainant.

The complaints register shall be available to the Council and the Community Liaison Group at all reasonable times upon request.

Within 5 days of receipt of any complaint in accordance with condition [154], the Consent Holder shall advise the Hurunui District Council of the details of any complaint received and, where appropriate, of any remedial or corrective action taken, including the response provided to the complainant.

A template of this register is available in Appendix A:

5 Construction Method

5.1 Construction Overview

The project consists of building approximately 14 km of access tracks and 22 turbine pads as shown in Figure 8 below.

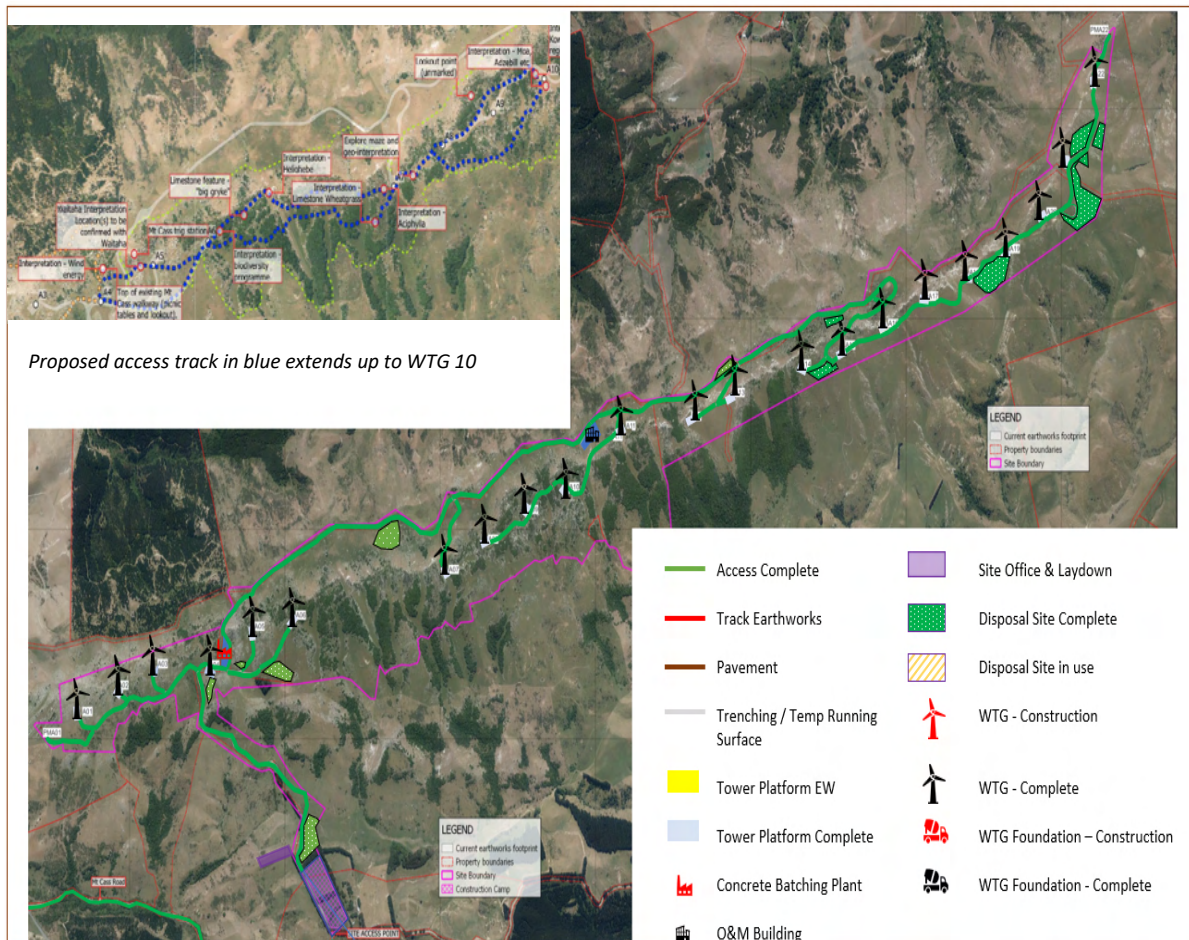


Figure 8 Mt Cass Wind Farm Schematic

5.1.1 Construction

Prior to earthworks occurring the Project team is to ensure the site has had the appropriate preconstruction hold points completed i.e. lizard and rare plants surveys, the team is to be trained and inducted onto the site protocols.

5.1.2 Site Lay Down and Office

Site lay downs will be constructed near the site entrance and imported aggregates used to form hardstanding.

Site Office

The site office will have temporary offices, welfare facilities and carparking. It is anticipated that up to one hundred staff will use this yard at the peak of the project. There will be a covered area for site the toolbox talks and shelter from the elements.

The topsoil will be removed and stockpiled or placed in disposal areas.

Where required, localised cutting and filling of in situ material will be required to ensure a flat surface is available.



Figure 10- Site Office and aggregate laydown area (March 2026)

Other locations for civil yards are shown below (Figure 12), the 8000m² of land on the left may be constructed depending on landowner approval. The 7000m² area as shown on the right is within the consented disposal area and will require filling to provide a flat area. Both yards will be stabilised with compacted granular fill and will be reinstated to the landowner's approval. The sites will have approximately 1%-to 3% fall to provide positive drainage to a low point.

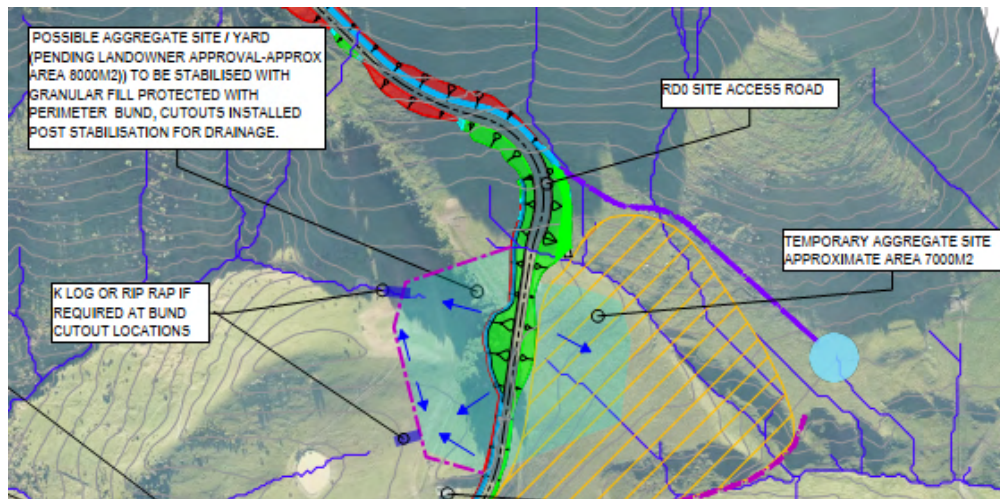


Figure 12 possible aggregate storage yard

5.1.3 Erosion and Sediment Control

Where required on site, erosion and sediment control devices will be installed. This may be in the form of K logs, decanting earth bunds, clean or dirty water diversion drains, earth bunds, and sediment control ponds.

An Erosion and Sediment Control Plan forms part of this CMP.

The controls will be installed progressively ahead of the bulk earthworks considering exclusion and ecologically sensitive zones. They will be designed, built and maintained by earthworks contractor as temporary works.

5.1.4 Access Track Construction

The access tracks will be constructed using a cut to fill and cut to waste (disposal site) operation. Site won fill will be used to construct the fill sections of the project where practicable.

Drains will be cut to the side of the track where required and culverts installed. Some sections of the road with sufficient grade may have cement stabilisation completed on the final wearing course.

5.1.5 Protection of Exposed Limestone

Where the road shown crosses through the two green hatched limestone areas shown in Figure 10 below and the pink areas shown in Figure 11, no equipment will be allowed to travel directly on top of the exposed rock.



Figure 9 Protected Exposed Limestone Pavement areas on the Golf Course Road



Figure 11: Protected Exposed Limestone Pavement areas on access road between turbines C14 to C15

In accordance with HDC consent condition 45 crushed limestone will be tipped off prior to the area and pushed forward using a dozer to create the required road width. Works will progress forward using this methodology with trucks reversing along the alignment and tipping off at the tip head until the area is cleared. At no point will any heavy equipment be allowed to drive off the surface. The design will call for sufficient pavement thickness so that when the aggregate is compacted it does not damage the limestone below. An indicative cross section has been taken from the Landscape Pattern Book as shown in Figure 16.

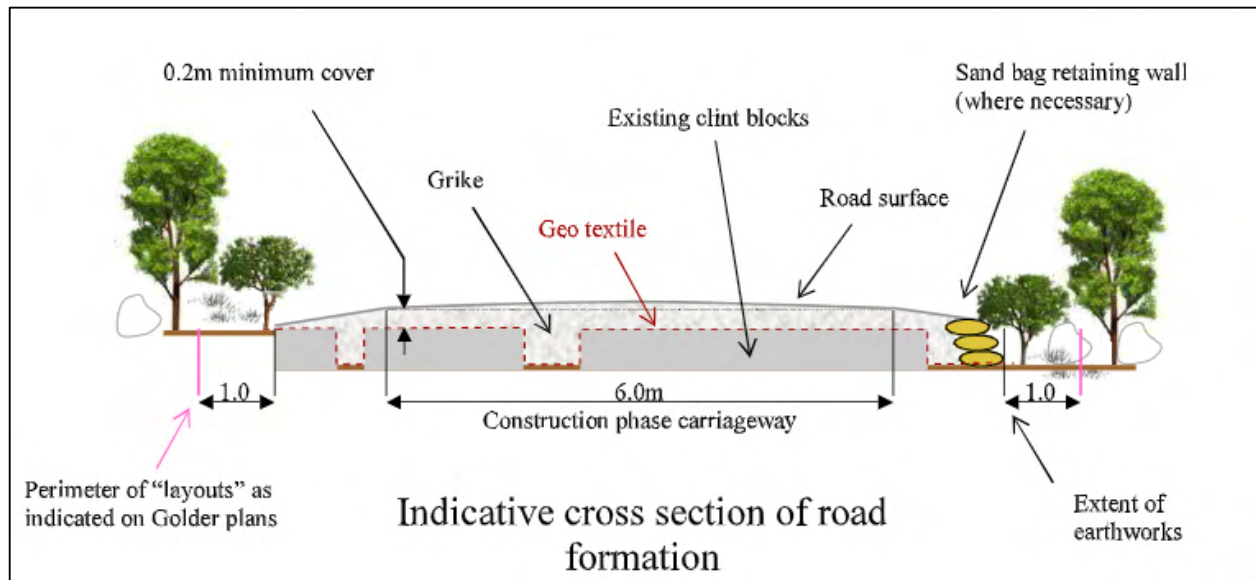


Figure 16 Indicative Protection of limestone at Golf Link Rd

Electrical cable conduits will be brought above ground at this location so that the pavement is not trenched into.

5.1.6 Disposal Sites

Disposal sites have been consented along the project. These will be stripped of topsoil and used to accept excavated material that will not be used in the project. These will be re-instated progressively and contoured into the local landscape. Consideration will be given for subsoil drainage, shear keys and above ground drainage of these areas.

5.1.7 Turbine Pads and Excavation

Each turbine location requires a large flat area to be constructed to act as an assembly area and crane pad. The location of the turbine foundations will be inspected using GPR survey after excavation to ensure that no tomors are present under the foundation base and the rock will be tested to ensure that it has suitable bearing capacity for the foundations.

5.1.8 Concrete Batching Plant

A concrete batching plant will be located inside the Transwaste site on what is known as the western pad. The previous batching plant area near WTG 04 will be utilised as a general storage area for the contractors.

5.1.9 Cable installation

Electrical collector cables run from the turbines to the substation and will be installed by the eBoP contractor. These will be trenched under the road and within the existing disturbed areas of the access tracks.

5.1.10 Tower Foundations

Each turbine requires a large reinforced concrete foundation to be constructed to bolt the turbine tower to. These will be constructed below the finished level of the turbine pad. A hole is excavated, and a layer of blinding concrete is poured, then the reinforcing cage is tied, and formwork installed. The concrete is then pumped into the forms and the excavation is backfilled once the concrete meets the required strength. An example of this is shown in Figure 18 below.

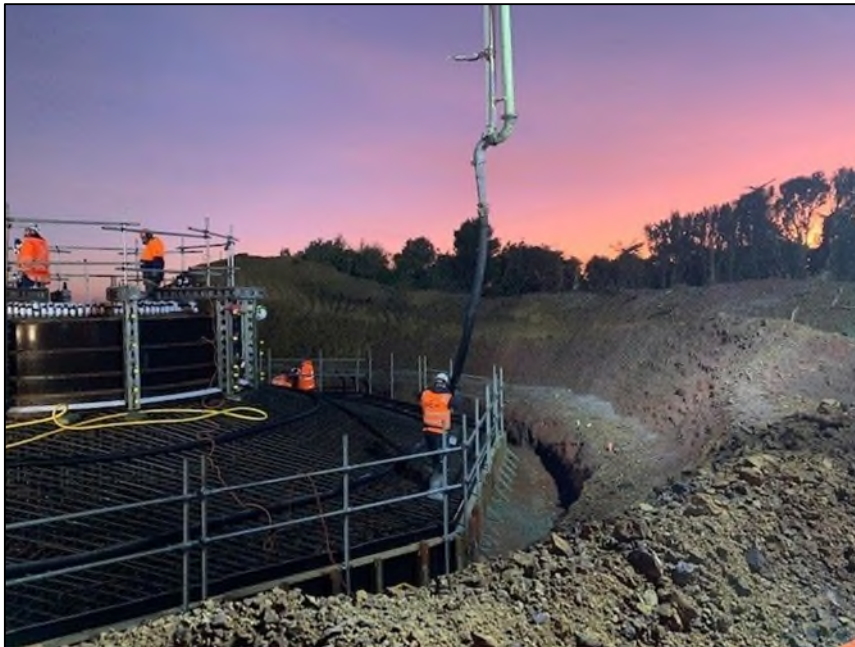


Figure 18 Example of a Tower Foundation Concrete Pour

5.1.11 Installation of Turbines

The S&I contractor will transport the turbine components to the hard stands and assemble them with a crane. The turbine components will be stored at Timaru port and delivered to site on trucks. An example of these activities is shown in Figure 19.



Figure 19 Example of Tower Section Delivery from a Historic Project

5.1.12 Remediation

Where the site has been disturbed during construction outside of the ongoing operational areas it will be reinstated to meet the requirements of the consent and the site rehabilitation pattern book. This is in Appendix A of the Landscaping Management Plan.

The remediation will be staged and progressively stabilised to ensure the resource consent requirements are met to reduce the sediment risk.

The concrete batching plant is to be removed from site within 6 months of completion of the wind farm construction.

5.1.13 Limits of disturbance

One of the key consent requirements is the limits of disturbance of sensitive ecological areas.

Site clearing will be restricted to areas of the Project site within the outline of the earthwork area to comply with the limits in Condition 13 and 14 of the HDC land use consent, which is shown in Table 11:

Ecosystem type	Overall Limit	Walking Track Limit
Exposed limestone disturbance (hectares)		
Pavement and boulder field	2.32	N/A
Pavement	1.17	N/A
Vegetation clearance (hectares)*		
Indigenous shrubland	0.71	0.25
Indigenous forest	0.08	0.05

Table 11 Condition 13 R90 Clearance Limits

To ensure that these disturbance limits are not exceeded, the design team will overlay the design model with the ecological survey data uploaded into a GIS map.

The mapping overlay will be completed once the design footprint has been finalised.

The project team will conduct as-built surveys throughout the earthworks phase, which calculate the actual areas disturbed and report on them fortnightly to HDC per ecosystem type in table 11.

At the completion of construction, as built plans shall be provided and will be independently verified using an independent third-party and submitted to HDC.

This is further detailed in the Ecology and Landscape Management Plans.

5.2 Construction Staging

The construction is very linear due to the topography of the site. Once the project is established the general sequence of each turbine string is shown in the flow chart in Figure 20. Critical path works involve forming the road to turbine 22. Construction of foundations follows roading.

Stage 1: Construction compound, road to turbine 4

Stage 2: Roads to turbines 1, 5, 6 and 7

Stage 3: Road from turbine 7 to substation

Stage 4: Road for substation to turbines 8 to 15

Stage 5: Road to turbine 22



Figure 20 General Construction Sequence

6 Control Measures

Specific control measures for each aspect of the environment and details of how consent conditions will be complied with is set out in the sub-plans in Appendices D to M.

These plans are high level and are the framework which provides the delivery team with the information required to develop construction work packs specific to the individual scopes of work that they are assigned to be carried out.

Construction Work Packs are a collection of documents that cover a definable portion of work performed by the project and/or subcontractor. The project team will divide the work scope into manageable portions (Work Packs) so that activities are well planned and executed with an appropriate level of detail. This may be by trade, geographical location, area, structure, stage of project, etc.

They describe how work is going to be carried out; who is responsible for it; what checks, inspections and tests are going to be conducted and what records are going to be maintained. Work Pack documentation is compiled progressively during construction and commissioning to verify compliance to the Contract codes and specifications.

Work Packs are typically aligned with the work breakdown structure and contain information from the following sources:

- New Zealand Law
- Design drawings.
- Specification
- Contract documents.
- Resource consents
- Management Plans
- Best practice guidelines
- Relevant Standards

Generally, the work packs will contain:

- Site Specific Method Statement
- Job Safety and Environment Analysis (JSEA)
- Inspection test plans (ITPs)
- Standard Operating Procedures (SOPs)
- Permits to work.
- Traffic Management Plans
- Lift Plans
- Emergency Plans

7 Training

All staff working on the contract will be suitably experienced and competent for the tasks they are assigned to perform. This training will be a mixture of formal qualifications and informal onsite training depending on the persons role on the project and requirements by their employer and compliance with relevant legislation.

Training and awareness programmes are critical to ensuring that there is an appropriate level of environmental and sustainability knowledge for those staff and subcontractors involved in the project.

Training of site staff will be provided through project inductions, weekly toolbox talks, information posters such as spill response plans and any site-specific training considered necessary such as archaeological discovery protocols, spill kit training, erosion and sediment control training etc. Notice boards will include environmental information including EHS Alert and relevant updates.

All staff and subcontractors will be inducted to the site prior to starting works. This induction will include the items identified in the training matrix in Table 12 below and is specific to the persons role on the project.

Mt Cass Windfarm Training Matrix						
Training Area	Construction Worker	Machine Operator	Management	Fire Response Team	Enviro Team	Visitor
Emergency Response	Site Evacuation Procedure Site First Aiders First Aid Locations Fire Extinguisher Locations Muster Points	Site Evacuation Procedure Site First Aiders First Aid Locations Fire Extinguisher Locations Muster Points	Site Evacuation Procedure Site First Aiders First Aid Locations Fire Extinguisher Locations Muster Points	Site Evacuation Procedure Site First Aiders First Aid Locations Fire Extinguisher Locations Muster Points Water Storage locations	Site Evacuation Procedure Site First Aiders First Aid Locations Fire Extinguisher Locations Muster Points	Site Evacuation Procedure Site First Aiders First Aid Locations Fire Extinguisher Locations Muster Points
ESCP	ESCP awareness	ESCP – Design and Implementation	ESCP – Design, Implementation and monitoring requirements	N/A	ESCP – Design, Implementation and monitoring requirements	ESCP awareness
Dust Management	Dust Management Plan Awareness Complaint procedure	Dust Management Plan Awareness Control measures. Complaint procedures	Dust Management Plan Awareness Control measures. Monitoring Requirements Complaint procedures	N/A	Dust Management Plan Awareness Control measures. Monitoring Requirements Complaint procedures	Dust Management Plan Awareness
Hazardous Substance	Storage & Handling Requirements MSDS locations	Storage Requirements MSDS locations	HASNO Requirements	MSDS Locations HASNO Register Location	Storage Requirements MSDS locations	MSDS Locations Spill Response

Mt Cass Windfarm Training Matrix						
Training Area	Construction Worker	Machine Operator	Management	Fire Response Team	Enviro Team	Visitor
	Refuelling procedure Spill Response Plan Spill Kit Location & Use	Refuelling procedure Spill Response Plan Spill Kit Location & Use	Storage Requirements MSDS locations Refuelling procedure Spill Response Plan Spill Kit Location & Use		Refuelling procedure Spill Response Plan Spill Kit Location & Use	
Archaeology and Cultural	ADP SCSP	ADP SCSP	ADP SCSP	N/A	ADP SCSP	ADP SCSP
Noise Management	Noise Management Plan Awareness Complaint procedure	Noise Management Plan Awareness Complaint procedure	Noise Management Plan Awareness Complaint procedure Noise Monitoring	N/A	Noise Management Plan Awareness Complaint procedure Noise Monitoring	Noise Management Plan Awareness Complaint procedure
Traffic Management	TMP – TSL Requirements & Site-Specific Requirements	TMP – TSL Requirements & Site-Specific Requirements	TMP Requirements Monitoring Requirements CAR requirements	N/A	TMP – TSL Requirements & Site-Specific Requirements	TMP – TSL Requirements & Site-Specific Requirements
Fire Management	FMP awareness	FMP awareness	FMP awareness	FMP awareness	FMP awareness	FMP awareness

Mt Cass Windfarm Training Matrix						
Training Area	Construction Worker	Machine Operator	Management	Fire Response Team	Enviro Team	Visitor
	Smoking policy Permit to work system. Mitigation Requirements Firefighting equipment locations Key Staff trained in fire extinguisher use. Emergency and contact numbers. Emergency Muster points	Smoking policy Permit to work system. Mitigation Requirements Firefighting equipment locations Key Staff trained in fire extinguisher use. Emergency and contact numbers. Emergency Muster points Additional plant checks and requirements	Smoking policy Permit to work system. Mitigation Requirements Firefighting equipment locations Key Staff trained in fire extinguisher use. Emergency and contact numbers. Emergency Muster points Additional plant checks and requirements	Smoking policy Permit to work system. Mitigation Requirements Firefighting equipment locations Trained in fire extinguisher use. Trained in water cart use. Site water sources Emergency and contact numbers. Emergency Muster points Additional plant checks and requirements	Smoking policy Permit to work system. Mitigation Requirements Firefighting equipment locations Key Staff trained in fire extinguisher use. Emergency and contact numbers. Emergency Muster points Additional plant checks and requirements	Smoking policy Mitigation Requirements Firefighting equipment locations Emergency and contact numbers. Emergency Muster points
Pest Weeds	Weed Management Plan Awareness Plant Hygiene procedures.	Weed Management Plan Awareness Plant Hygiene procedures.	Weed Management Plan Awareness Plant Hygiene procedures.	N/A	Weed Management Plan Awareness Plant Hygiene procedures.	Weed Management Plan Awareness

Mt Cass Windfarm Training Matrix						
Training Area	Construction Worker	Machine Operator	Management	Fire Response Team	Enviro Team	Visitor
		Plant Inspection requirements. Basic pest weed identification training	Plant Inspection requirements. Basic pest weed identification training		Plant Inspection requirements. Basic pest weed identification training	
Ecology	Exclusion Zones NZ Falcon vs Hawk identification training Lizard awareness training Vegetation Permit to work requirements. Sink Holes / Tomos Key ecology contacts	Exclusion Zones NZ Falcon vs Hawk identification training Lizard awareness training Vegetation Permit to work requirements. Least impact technics for indigenous vegetation disturbance Indigenous vegetation limitation and survey requirements Basic indigenous flora and fauna training Sink Holes / Tomos Key ecology contacts	Exclusion Zones NZ Falcon vs Hawk identification training Lizard awareness training Vegetation Permit to work requirements. Least impact technics for indigenous vegetation disturbance Indigenous vegetation limitation and survey requirements Basic indigenous flora and fauna training	N/A	Exclusion Zones NZ Falcon vs Hawk identification training Lizard awareness training Vegetation Permit to work requirements. Least impact technics for indigenous vegetation disturbance Indigenous vegetation limitation and survey requirements Basic indigenous flora and fauna training	Exclusion Zones Sink Holes / Tomos

Mt Cass Windfarm Training Matrix						
Training Area	Construction Worker	Machine Operator	Management	Fire Response Team	Enviro Team	Visitor
			Sink Holes / Tomos Key ecology contacts Reporting requirements Micro-siting requirements		Sink Holes / Tomos Key ecology contacts	
Landscape	N/A	Landscape Management Plan Awareness The requirements of the landscape rehabilitation handbook. least impact techniques when disturbing or clearing limestone. Methods for working on limestone pavements. Limits of disturbance and reporting requirements	Landscape Management Plan Requirements The requirements of the landscape rehabilitation handbook. least impact techniques when disturbing or clearing limestone. Methods for working on limestone pavements. Limits of disturbance and reporting requirements	N/A	Landscape Management Plan Awareness The requirements of the landscape rehabilitation handbook. least impact techniques when disturbing or clearing limestone. Methods for working on limestone pavements. Limits of disturbance and reporting requirements	N/A

Mt Cass Windfarm Training Matrix						
Training Area	Construction Worker	Machine Operator	Management	Fire Response Team	Enviro Team	Visitor
Landowner Requirements	Requirements of landowner agreements	Requirements of landowner agreements	Requirements of landowner agreements	Requirements of landowner agreements	Requirements of landowner agreements	Requirements of landowner agreements
Dealing with Public	Complaints process Media protocols	Complaints process Media protocols	Complaints process Media protocols	Complaints process Media protocols	Complaints process Media protocols	Complaints process Media protocols

Table 12 MCWF Training Matrix

8 Emergency Response

The Contractors shall develop and implement a process to address the management of all potential crises and emergencies involving Project activities, and that personnel while on the project will adhere to and operate under the Contractors respective procedures and requirements.

The Contractor will have in place an Emergency Response Plan (ERP) in accordance with its HSE responsibilities. The ERP is to effectively respond to any foreseeable emergency or potential catastrophe and that in the event of an emergency, plans and capabilities are in place or dealing with such situations so as to preserve the health and safety of all personnel on the Site, protect the environment and preserve company capability and reputation.

The Contractors will have in place emergency response procedures that identify its respective muster points, details on the communication processes, schedules for exercises and adequate provision of resources including people and equipment.

MCWF will establish communication with the emergency services and ensure that they are familiar with the site.

MCWF will ensure effective coordination of Contractors emergency procedures via the implementation of a site wide Emergency Management Team (EMT) consisting of Contractor representative and safety representatives as appropriate.

A high-level emergency response plan is provided in the table below which will form the basis for the contractors Emergency Response Plans.

8.1 Mt Cass Wind farm High-Level Emergency Response Framework

Emergency Scenario	Immediate Actions	Site Lead	External Support
Serious Injury / Medical Event	Stop work. Raise emergency via radio or phone. Provide first aid and make the area safe.	Supervisor / Site Manager	Ambulance – Dial 111
Plant or Vehicle Incident	Stop operations. Secure area and assist injured persons if safe. Isolate plant.	Supervisor / Site Manager	Emergency services if required
Traffic Incident (Public Interface)	Stop traffic. Secure the scene and assist injured persons.	Traffic Management Supervisor	Police / Ambulance – 111
Fire or Bushfire	Raise alarm. Use fire extinguishers or firefighting equipment if safe.	Site Manager	Fire and Emergency NZ – 111
Environmental Incident (Spill / Contamination)	Stop the source of spill. Contain contamination and protect waterways.	Supervisor / Environmental Lead	Notify regulatory authorities if required
Trench Collapse / Ground Failure	Raise emergency call. Stop nearby plant and secure area.	Site Manager	Emergency rescue services – 111
Electrical Contact / Powerline Strike	Operator remains in machine if safe. Raise emergency call.	Site Manager	Electricity network provider / Emergency services
Confined Space Emergency	Raise emergency call. Do not enter confined space .	Site Manager	Specialist rescue services – 111
Severe Weather / Lightning	Stop work and move personnel to safe shelter.	Supervisor / Site Manager	Monitor weather alerts
Site Evacuation	Emergency coordinator instructs evacuation to assembly point.	Emergency Coordinator	Emergency services if required
Security / Physical Threat	Remove personnel from danger area and notify site leadership.	Site Manager	Police – 111

9 Monitoring and Maintenance During Construction

As part of the control measures, on-going site monitoring by the contractor and wider project team will be undertaken. This will ensure that all the control measures detailed in this plan and all sub-plans have been properly implemented and are functioning effectively.

Routine inspections of site and any mitigation measures in place will be undertaken daily by visual inspection as part of our usual work. Spot checks will be conducted by a suitable person and, depending on the findings, control measures and processes may be reviewed and improved.

The overall monitoring requirements for each environmental aspect are summarised in Table 13 below. Further detail of the monitoring, inspections and reporting required is detailed in the relevant sub-plans.

Relevant Management Plan (MP)	Aspect	Type	Frequency	Activity	Responsibility
Dust MP, Section 3.3	Dust	Visual/ Written	Daily	Check weather forecast for high winds, inspect site to ensure effectiveness of controls and maintain a monitoring log.	All Contractor Project Managers & Environmental staff
			Weekly	Environmental controls site check and inspect adjacent sites for dust.	
Noise MP, Section 5	Noise	Sound/ Written	Fortnightly for first 2 months	Verify noise levels assumed and to ensure ongoing compliance.	Contractor Environmental Manager
Hazardous Substance MP, Section 7	Plant Condition	Visual	Daily	Visually check Plant prior to operating at start of day.	All Contractor Project Managers & relevant trained staff
	Site Maintenance	Visual/ Written	Weekly	Spill Kit inventory & site inspection	Contractor Environmental staff
			Monthly	Check quantities and ensure all hazardous substances have been noted with relevant SDS	
	Hazardous Substance Spills	Training	Bi-annually	Spill response drill	All Contractor Project Managers

Relevant Management Plan (MP)	Aspect	Type	Frequency	Activity	Responsibility
Erosion and Sediment Control Plan, Section 13	Erosion and Sediment	Visual	Weekly or after a Storm Event	Inspect ESC's and undertake any maintenance required	Contractor Project Managers & Environmental staff
Landscape MP, Section 5	Landscape disturbance	Visual/ Written	Fortnightly	Survey disturbed locations and report to MCWFL.	Contractor Project Manager
			Full Duration of Works	A general overview of site and mention to manager if any unplanned disturbance is noted.	All Staff
	Karst	Advice	Ad hoc	Provide advice for micro-siting, training and information for site induction.	Karst Specialist
Weed MP, Section 6	Site Audit	Visual/ Written	Monthly	Site audit to ensure compliance with plan.	Contractor Environmental Staff
			Annual	Monitoring to detect and remove any ecologically important weeds – recorded and removed if found.	MCWFL consultant advisors
Fire MP, Appendix B	Emergency	Training	First arrival on Site	Inductions will address the smoking policy on site, Hot Work Permits, emergency phone numbers, and aspects of the Emergency Response Plan and the muster area.	All Contractor Project Managers
Accidental Discovery Protocol Plan, Section 4	Cultural	Written	As Required	Training records, visitor records from representatives of Waitaha Ki Waitaha, Te Runanga o Ngāi Tahu and Te Ngāi Tūāhuriri Runanga or Heritage New Zealand Pouhere Taonga with notes made of any observations made.	All Contractor Project Managers & wider team

Relevant Management Plan (MP)	Aspect	Type	Frequency	Activity	Responsibility
				Make records of any relevant discovery and implement relevant Accidental Discovery Protocol	
Accidental Discovery Protocol Plan, Section 5		Training	First arrival on site	Ensure that contractors involved with earthmoving activities have received appropriate training and are aware of the requirement to undertake and monitor earthmoving activities in a way that enables the identification of Wāhi Tapu, Wāhi Taonga, Urupā or historic cultural sites.	Construction Manager
Traffic Management Plan	Site Awareness	Visual	Daily	Consistently inspecting and being aware of controls confirming the effectiveness.	All Contractor Project Managers and Staff site wide.

Table 13 Monitoring and Maintenance Summary

10 Audits Process

10.1 Audit Schedule

This audit schedule in Table 14 is an integral part of the Construction Management Plan for the wind farm. MCWFL have engaged independent auditors to inspect construction compliance with the CMP and relevant subplans. In addition to the independent auditors MCWFL Project Engineers will also conduct monthly audits assessing compliance with CMP.

The individual contractors will also conduct daily, weekly and monthly inspections as per their internal procedures. This will be addressed in their individual management plans for their relevant scope of work.

Audit Type	By Whom	
Environmental Compliance	MCWF Environmental Compliance Manager	Monthly
Erosion Sediment Controls	cBoP MCWFL Independent Auditor	Daily Monthly
Health & Safety inspection	MCWF Health, Safety & Security Manager	Weekly
Critical Risk Audit		Monthly
H&S systems Audit		Annually
Traffic Management	Taycon site manager	Daily

Table 14 CMP Audit Schedule

10.2 Corrective Actions

Corrective and preventative actions resulting from compliance monitoring, routine inspections, internal and external audits and regulatory compliance monitoring will be undertaken in a timely manner. Ultimate responsibility for this sits with the Construction Project Manager, however this will be appropriately delegated to the relevant contractors Project Manager.

11 Appendices

Appendix	Description
A	Complaints Register
B	Consents Conditions Compliance Matrix
C	Mt Cass Wind Farm Access Protocol
D	Exposed Limestone Pavement – Golder Associates Plans CG181.3 & CG182.3

Appendix A: Complaints Register

Mt Cass Wind Farm - Complaint Register

[illegible]

Appendix B: Consent Conditions Compliance Matrix

HDC	Consent RC260077	A3	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10		
Clause	Summary of Condition	CMP	ESCP	DMP	HAZSUB	ARCH	NMP	TMP	FMP	WMP	Eco MP	LMP	EMP	N/A to CMP
1	Build the Mt Cass wind farm to one of three layouts - restricted by tip height and number of turbines.													Y
2	Advise HDC of turbine choice at least one month prior to construction.													Y
3	N/A – R33 turbine conditions.													Y
4	N/A – R60 turbine conditions.													Y
5	If R90 turbine layout is selected, constructed layout, construction and operation shall be in accordance with Mt Cass Wind Farm plans dated 2 & 3 September 2025 Aspects affected: • Location of roads and carparks • Location and extent of construction laydown areas (excluding turbine platforms) • Extent of area disturbed by earthworks • Location and extent of spoil disposal areas • Location of the exclusion zone.													Y
6	No construction activities within the exclusion zones identified in condition 3, 4 (Golder Associate plans) and 5 (MCWF plans) except for fencing, the walking track (condition 143) and stabilisation of rocks.										Y			
7	Boundaries of exclusion zones identified on Golder Associates plans CG161.3-166.3 dated 20 December 2010 (being parts of those exclusion zones within 10 metres of proposed activities) shall be physically identified and marked on the ground prior to any construction activities taking place within 50 metres of those areas.										Y			
8	Micrositing is allowed within 140m radius of nominated positions in conditions 3, 4 (Golder Associate plans) and 5 (MCWF plans), shall not be in exclusion areas shown in CG161.3 and 164.3, and shall aim to avoid, or secondly, minimise effects on biodiversity.										Y			
9	Micrositing is permitted provided that it does not exceed clearance limits in condition 13.										Y			
10	In undertaking the micrositing process engage suitably qualified and experienced ecologist and suitably qualified and experienced expert in karst landscape to advise on placement and location of turbines (approved by HDC and in consultation with DoC).										Y			
11	Take advice of ecologist and karst expert when micrositing. If not able to follow advice, then reasons must be reported to Council.										Y			
12	Any additional limestone or vegetation that is able to be avoided through micrositing must be identified and marked prior to construction activities in that location.										Y			
13	Vegetation clearance and exposed limestone disturbance as a result of construction activities including pre-construction geotechnical investigations (excluding effects from fencing and the construction of the walking track under condition 143) must not exceed specified limits.										Y			
14	Minimise effects of fencing and walking track covered in condition 143 in the exclusion zones by: • Finalising detailed alignment by providing outline plan to be certified by HDC Environmental Services Manager at least one month prior to any construction occurring. • Hand cutting of indigenous vegetation. • Avoiding use of wheeled mechanical equipment or tracked vehicles on in-situ limestone pavement. • Otherwise minimizing disturbance to limestone surfaces. The maximum extent of vegetation clearance for the construction of the walking track shall not exceed 0.25ha of indigenous shrubland and 0.05 ha of indigenous forest.										Y			
15	Concrete batching to be located on area identified on plan 4755.1 (10 April 2019) referred to in conditions 3, 4 (Golder Associate plans) and 5 (MCWF plans).	Y												
16	Requirements for substation construction.													Y
17	Turbine exterior finish.													Y
18	N/A - Turbine Maintenance.													Y
19	Reporting during Construction: • Consent holder to confirm to HDC total extent of clearance fortnightly during construction.	Y									Y	Y		
20	Reporting Post Construction: • On completion of works provide as-built plans to HDC. • Provide independently verified written confirmation that maximum limits of shrubland and forest clearance and disturbance of limestone landforms are within condition 13 limits and condition 12 areas have been avoided.	Y									Y	Y		
21	N/A - Lapsing of the Consent.													Y
22	General requirements for management plans.	Y												
22a	Provide a draft environmental management plan (condition 66) to HDC Environmental Services Manager within 6 months of date of grant of consent.												Y	Y
23	At least 3 months prior to undertaking any consent activities, provide a completed Environmental Management Plan to HDC Manager Environmental Services for certification.												Y	Y
22a	Provide the Construction Management Plan to HDC Chief Strategy and Community Officer for review 30 working days prior to undertaking any activities in consent.													Y
24	Outcome of CMP and EMP review by HDC provided to Consent Holder within 30 working days of receipt of Plans.	Y											Y	
25	All activities shall be undertaken in accordance with latest versions of management plans.	Y												
26	Construction Management Plan annual review.	Y												
27	Environmental Management Plan three-yearly review.												Y	Y
28	Requirements for consent review and certification of changes.	Y												
29	Management plans to be publicly available.	Y												
30	Construction management plan to apply to all works up to and including completion of commissioning and rehabilitation of construction activities.	Y												
31	Objectives of the Construction Management Plan.	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
32	Contents of Construction Management Plan.	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
33	Pre-construction Plan Lodgement to HDC Environmental Services Manager at least 20 working days prior to construction works commencing incorporating the following elements: (a) Turbine layout (b) Engineering plan for roads (c) Results of prior drilling and ground penetrating radar traverses to ascertain subsurface cavities (d) Relation of construction works to karst features										Y			
34	Notification of commencement of construction at least five days prior to work commencing.	Y												
35	No offensive dispersal of dust beyond site boundary.			Y										
36	Concrete batching plant to be removed within 6 months of construction completion.											Y		
37	Undertake Erosion and Sediment control measures.		Y											
38	Erosion and Sediment control measures to be installed, operated & maintained.		Y											
39	Design storm for detention features for runoff and sediment control.		Y											
40	Sufficient provisions in the construction contract to allow accurate tenders for erosion and sediment control measures.		Y											Y
41	Groundwater monitoring: Prior to construction activities commencing the Consent Holder shall undertake water quality monitoring at the main springs and at the Smothering Gully stream, for a period sufficient to establish baseline conditions to the satisfaction of Hurunui District Council - at least two winter wet season unless more frequent storms. a. Aquatic indicator species; and b. Suspended and dissolved water quality measures, including hydrocarbon indicators.												Y	
42	Groundwater monitoring - repeat monitoring annually.	Y											Y	
43	Groundwater monitoring: Results of monitoring to be forwarded to HDC within 5 working days of the analytical results being available.	Y											Y	
44	Audit the design of Erosion and Sediment Control measures against the Construction Management Plan.		Y											
45	Treatment of Identified Limestone Pavement Areas: Limestone pavement areas marked on the MCWF plans referred to in Condition 5.											Y		
46	Partial rehabilitation of Limestone pavement areas identified in condition 45 and identified as road.											Y		
47	N/A - Condition not relevant to R90 layout. If a road is constructed at NZMG coordinates 2496126E, 5792235N or thereabouts...													Y
48	Road running surface provided from site material.	Y												
49	On-site parking to be provided.	Y												
50	Use local materials for earth fill.	Y												
51	Protect road surface with basecourse.		Y											
52	Prevent scour from temporary discharge diversion channels.		Y											
53	Turbine platforms shall be designed to provide for erosion and sediment control.		Y											
54	Location and management of spoil disposal sites.		Y											
55	Specifics of spoil disposal design, construction & management.		Y											
56	Divert surface water around spoil disposal.		Y											
57	Stabilisation and planting of spoil sites.		Y											
58	Erosion & sediment control of long-term (4 consecutive weeks) topsoil stockpiles.		Y											
59	Uphill bunding of all topsoil stockpiles.		Y											
60	Engage an ecologist to undertake vegetation survey in construction areas prior to undertaking construction activities.										Y		Y	
61	Temporary pre-construction site rehabilitation.											Y		
62	Confirm to HDC Environmental Services Manager in writing within 3 months of completion of construction that all relevant construction conditions have been complied with.	Y												
63	Traffic management during construction to be provided for in the Construction Management Plan.							Y						
64	Road vesting requirements (if required).							Y						
65	Deposit of debris on public roads during construction is to be avoided.							Y						
66	Environmental management plan to be prepared to ensure compliance with conditions of consent in areas of: a. Avifauna management conditions b. Herpetofauna management conditions c. Weed control conditions d. Habitat enhancement and pest control conditions e. Fire management.												Y	
67	Annual report be provided to HDC by the anniversary of commencement of this consent.													Y
68	Avifauna monitoring and management.										Y		Y	
69	Avian ecologist to be engaged to undertake pre-construction survey of avifauna populations and species abundance at site.										Y		Y	
70	Monitoring requirements for avifauna survey.												Y	
71	Post-commissioning bird monitoring. Annual survey for a minimum of two years. Mortality monitoring once per season for a min of two years.													Y
72	Report to HDC of any injury or mortality of Kereru, NZ falcon or NZ pipit through interaction with windfarm infrastructure.												Y	
73	Falcon monitoring.												Y	
74	Design of avifauna monitoring programme.												Y	
75	Engagement of avifauna expert to prepare avifauna monitoring and management section of Environmental Management Plan.												Y	
76	Avifauna provisions in EMP.												Y	
77	Herpetofauna (Lizard) management.										Y		Y	
78	Herpetofauna section of the EMP.												Y	
79	Requirements of herpetofauna management section of EMP.												Y	
80	Register a covenant over Mt Cass Conservation Management Area no later than 3 months after commissioning the wind farm.												Y	
81	Conservation Management Area to comply with consent conditions.												Y	
82	Weed monitoring and control programme within Mt Cass Conservation Area and other areas subject to disturbance by the wind farm.									Y			Y	
83	Ecologist to prepare weed monitoring and control plan as part of Environmental Management Plan in consultation with DoC.									Y			Y	
84	Weed monitoring detail.									Y			Y	
85	Habitat enhancement and pest control programme.												Y	
86	Habitat enhancement and pest control within Mt Cass conservation area and seasonal pest control in the remainder of the windfarm.												Y	
87	Restoration Ecologist to prepare habitat enhancement and pest control section of Environmental Management												Y	
88	Five year plan for habitat enhancement and pest control.												Y	
89	Research and monitoring for success of habitat enhancement and pest control.												Y	
90	Habitat Enhancement and Pest Control section of EMP shall include measures for threatened plant species management.												Y	

HDC	Consent RC260077	A3	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10		
Clause	Summary of Condition	CMP	ESCP	DMP	HAZSUB	ARCH	NMP	TMP	FMP	WMP	Eco MP	LMP	EMP	N/A to CMP
91	EMP Habitat Enhancement & Pest Control Performance indicators for success.												Y	
92	Silver tussock rehabilitation in areas of temporary disturbance for pre-construction.										Y	Y		
93	Silver tussock replacement of equivalent areas if permanently removed.											Y		
94	Surplus limestone disposal locations as indicated in conditions 3 and 4 (Golder Associates) and 5 (MCWF).											Y		
95	Surface finishing of spoil disposal areas.		Y									Y		
96	Uphill cut faces and edges of Amuri limestone finishes to be irregular.											Y		
97	In condition 96, avoid straight line interfaces between cut faces and original surfaces.											Y		
98	Amuri limestone cuts to emulate naturally occurring patterns.											Y		
99	The Northern Terrace Rd and associated ridge road/ramps cut material disposal, material shall not be side cast down slope but shall be removed from the work area and disposed of in disposal sites indicated on Golder Associates Plans CG151.4-152.4 and Mt Cass Wind Farm plans referred to in Condition 5.		Y									Y		
100	Mitigation measures for outside treatment of roads in condition 99.											Y		
101	Relocation of limestone boulders.											Y		
102	Development of landscape pattern book.											Y		
103	Form a landscape panel and have that panel available during earthworks - one nominated by HDC.											Y		
104	The landscape expert panel shall liaise with geomorphological, geotechnical and ecological experts as necessary.											Y		
105	Trial of limestone treatment within 3 months of commencement of consent.											Y		
106	Methods for trialling limestone treatment.											Y		
107	Notification of remediation method for Amuri limestone.											Y		
108	Rehabilitation of cuts and fills other than limestone.											Y		
109	Locations for the establishment of woody plants and silver tussock within the wind farm site for visual mitigation.											Y		
110	Visual mitigation and remediation plantings to reflect natural patterns as illustrated in landscape pattern book in condition 102.											Y		
111	The use of plants for mitigation and remediation of visual and landscape effects associated with cut and fill excavations.											Y		
112	Location and bunding of contaminant storage.				Y									
113	Site refuelling & oil spill contingency plan submitted to HDC.				Y									
114	Machinery and plant maintenance requirements to avoid leakage.				Y									
115	Site spill kits.				Y									
116	Removal of contaminants at end of construction process.				Y									
117	Hazardous substances to be stored in accordance with HSNO Act.				Y									
118	Transformer containment requirements.				Y									
119	Preparation of Fire Management Plan.								Y					
120	Fire Management Plan shall be available.								Y					
121	Minimum requirements of the Fire Management Plan.								Y					
122	Accidental discovery of archaeological remains protocol.					Y								
123	Offer to enter into discovery protocol for Wāhi Tapu, Wāhi Taonga and Urupā with Te Runanga o Ngāi Tahu and Te Ngāi Tūāhuriri Runanga.					Y								
124	The consent holder shall comply with any accidental discovery protocol entered into under condition 123.					Y								
125	Notification to Te Runanga o Ngāi Tahu, HPT and Te Ngāi Tūāhuriri Runanga at least 10 days prior to earthworks commencing.					Y								
126	Engage with Waitaha prior to commencing construction.					Y								
127	The Site Cultural Sensitivity Protocol prepared after the site visits in condition 126 shall be included in the Construction Management Plan.					Y								
128	Accidental Discovery Protocol – Waitaha.					Y								
129	Definitions for Noise conditions.						Y							
130	Construction Noise shall comply with NZS 6803:1999.						Y							
131	Noise limits for windfarm other than construction activities or turbine operation.													Y
132	Wind farm operational sound levels.													Y
133	Wind farm sound levels apply to the high amenity area at NZMG coordinates 1590827E 5235245N for purposes of NZS6808:2010, as long as a person on the autism spectrum permanently resides at that dwelling.													Y
133a	Acoustic Emissions Report to be provided to HDC Environmental Services Manager prior to commissioning of any turbine.													Y
134	Requirements for assessing compliance with conditions 132 and 133.													Y
134a	Testing for special audible characteristics prior to commissioning.													Y
135	Remedial measures if the wind farm does not comply with noise consent conditions.													Y
136	Assessment of special audible characteristics.													Y
136a	Additional noise monitoring.													Y
137	Installation of cables to avoid Earth Potential Rise interference with existing communications infrastructure.													Y
138	Television interference.													Y
139	If requested by an operator, ensure turbines outside '1st Fresnel zone'.													Y
140	If requested within 12 months of the wind farm becoming operational, investigate reflection/ loss of radio linking service and remedy the loss of service.													Y
141	If requested within 12 months of the wind farm becoming operational, investigate scattering interference/loss of wide area coverage service and remedy loss of service.													Y
142	Visibility of aviation navigational lights on turbines or meteorological masts. Provide Council with copy from CAA within 7 days of receiving such advice.													Y
143	Provision of a public walking track.													Y
144	Public access to the walkway route is to be provided in perpetuity. Cetificate of title within 60 days of construction completion.													Y
145	Access restrictions.													Y
146	Interpretive signage.													Y
147	Community Liaison Group.													Y
148	Liaison group meetings.													Y
149	Objective of the Liaison Group is to facilitate information flow between the consent holder and the community.													Y
150	Community Liaison Group input into preparation and review of management plans.	Y												
151	The consent holder shall coordinate the community liaison group.													Y
152	The consent holder not in breach if any one of specified parties does not wish to be members of Community Liaison Group or attend any particular meeting.													Y
153	Consent holder to establish and publicise contact details for a liaison officer. Contact log shall be kept & available to HDC on request.	Y												
154	A complaints register shall be kept & made available to the Liaison group & HDC at all reasonable times on request.	Y												
155	Advise HDC of any complaint within 5 days of receipt, and where appropriate, any remedial or corrective actions taken.	Y												
156	Statutory Liaison Protocol to be established with Department of Conservation.										Y			Y
157	DOC site visits during construction.	Y												
158	Purpose of annual meeting with DOC.													Y
159	Peer reviewer to be engaged and approved by the HDC.	Y												
160	Peer reviewer experience.	Y												
161	Annual report to be provided by the Peer Reviewer.													Y
162	Peer reviewer may engage appropriate experts.													Y
163	HDC annual review of consent conditions.													Y
164	Consent holder to meet costs of review.													Y
165 - 179	Consent holder Performance Bond requirements.													Y
180 - 184	Wind Farm decommissioning.													Y

Appendix C: Mt Cass Wind Farm Access Protocol

Mt Cass Wind Farm Access Protocols

Purpose: Control site entry and movement to prevent environmental harm and ensure pest-control activities are authorised, safe and traceable (HSWA 2015, ISO 45001).

Access approval and entry flow (to be completed by HSS Manager)

Stage	Minimum requirement	Evidence / record
1. Pre-entry access request	- Submit request through appropriate MCWF manager. - Safe work methodology / Safety Plan to be submitted to Health Safety Security Manager for acceptance.	SWMS attached
2. Induction	Site-specific induction on arrival (map, sensitive areas, emergency response, reporting).	Induction completed via this access approval form
3. Check-in / check-out	- Sign in/out daily at MT Cass offices daily. - Record work area intentions and expected return time. - Lone worker controls where applicable.	Sign-in / out register
4. Report and close out	Report incidents, near misses and environmental events to MCWF.	Incident/event report + action close-out

Environmental protection - minimum controls

Control area	Minimum controls
Biosecurity (weed/pathogen spread)	- Boot and vehicle cleaning where required for sensitive zones. - Keep to formed roads/hardstands.
Waterways/wetlands and sediment	- Maintain buffers and no go zones. - No discharge of wash water, concrete washout, fuel or chemicals.
Flora/fauna and habitat	No vegetation clearance or habitat disturbance without

	approval from MCWF Project team. • If nesting/roosting wildlife identified: stop and notify Yinson Environmental Manager.
Waste and housekeeping	• Pack-in/pack-out. • Segregate waste. • No burning/burying. • Secure loads to prevent litter.

Pest-control access - governance requirements

Requirement	Minimum controls / evidence
Authorisation and competence	• Only approved pest contractors/authorised workers may service traps/bait stations or handle pest-control substances.
Approved methods and boundaries	• Use only site-approved devices/methods and approved locations.
Traceability and monitoring	• Complete Pest Control Service Log every visit (areas, station/trap IDs, actions, observations, waste removal). • Escalate exceptions (damage, vandalism, non-target issues).

Stop-work triggers

Stop work and notify HSS Manager immediately if:

- A spill/release occurs or cannot be immediately controlled.
- Nesting/roosting wildlife is identified in the work zone or a protected species is affected.
- Unauthorised handling of pest-control devices/substances is observed.



Reporting:

All incidents, near misses and environmental events must be reported promptly in the site incident.



Appendices

Access Request Form

Complete and submit prior to entry. Attach SWMS/task risk assessment and supporting documents as required.

Company / contractor	
Primary contact (name + phone)	
Purpose of visit / scope of work:	
Personnel (names and roles)	
Work locations:	
Sensitive areas to be entered (Yes/No). If yes, where?	
Hygiene confirmed (clean-in / washdown / boot cleaning as required)	
Attachments (SWMS, maps, as applicable)	

Approval (to be completed by HSS Manager:

Approver:

Signature:

Date:

Appendix D: Exposed Limestone Pavement – Golder Associates Plans CG181.3 & CG182.3



FRAME 1

Legend

R33, R60 & R90 Road design (with buffer)	Scarp Crest
Boulderfield	Joint
Cliff	Sinkhole
Pavement	Pond
Scarpface Boulderfield	
Scree	
Joint Controlled Face	

Datum: NZGD1949
Projection: New Zealand Map Grid

0 50 100 150 Metres



FRAME 2

1. Aerial Photo Down to 2003 Source: MainPower.
2. The attached information is for field verification only and should not be relied upon for any other purpose without the express permission of MainPower.





Legend

R33, R60 & R90 Road design (with buffer)	Scarp Crest
Boulderfield	Joint
Cliff	Sinkhole
Pavement	Pond
Scarpface Boulderfield	
Scree	
Joint Controlled Face	

Datum: NZGD1949
Projection: New Zealand Map Grid

0 50 100 150 Metres



1. Aerial photo flown in 2004. Source: Mainpower.
2. The attached information is subject to further field verification. It is to be treated as confidential and without prejudice and should not be disclosed to other parties or referred to in any subsequent Court proceedings without the express permission of Mainpower.