

PROTECTED

Horizon Power Norseman Renewables Construction Environmental Management Plan

August 2023



HORIZON
POWER

Contents

1	Introduction	3
1.1	Project Context and Scope	3
1.2	Scope and purpose	3
2	Description of the Activity	5
2.1	Activity Overview	5
2.2	Clearing of Native Vegetation	5
3	Management Measures	5

1 Introduction

1.1 Project Context and Scope

Horizon Power is a Western Australian (WA) Government Trading Enterprise (GTE) and the state's regional and remote energy utility. Horizon Power operates under the Electricity Corporations Act 2005 and is governed by a Board of Directors accountable to the Minister for Energy. Horizon Power is an experienced asset manager undertaking active management of vast electricity networks across WA, utilising mature and robust operational, health and safety, and environmental systems.

The project will consist of the construction of several solar arrays and associated infrastructure for the purpose of increasing the renewable energy penetration of the Norseman network. The total clearing footprint will not exceed 1.5 ha.

1.2 Scope and purpose

This Construction Environmental Management Plan (CEMP) has been developed to outline environmental management measures to be implemented by Horizon Power and its contractors during the construction of the Norseman Renewables Project. This includes, but is not limited to, measures to manage dust, erosion and spread of weeds during clearing of native vegetation.

Figure 1 Norseman Renewables Site Location



2 Description of the Activity

2.1 Activity Overview

Horizon Power has identified the southern portion of Lot 1755 as a viable site for additional solar generation. Horizon Power is the registered proprietor of the land and the certificate of title is included in Appendix B.

The proposed project will involve the mechanical clearing of the remaining degraded vegetation on the Lot to facilitate the construction of solar generation and associated infrastructure for the purpose of increasing the renewable energy supply to the Norseman network. The total clearing footprint will not exceed 1.5 ha.

2.2 Clearing of Native Vegetation

The proposed clearing will occur within the Project area (Figures 1) which is 1.5 ha in size. No more than 1.5 ha of clearing is proposed, to allow for the renewable energy infrastructure.

3 Management Measures

The management measures listed in Table 1 will be implemented during construction for this Project.

Table 1 Management Measures to be Implemented During Construction

Aspect	Management Measure
Extent of Clearing	<ul style="list-style-type: none"> – No more than 1.5 ha of clearing is permitted at the location detailed in Figure 1. – The clearing locations are to be demarcated prior to clearing activities. – A pre-clearing toolbox will be held so all staff are aware of their responsibilities and the limits of clearing. The preclearing toolbox will include the risk of contamination at the site.
Flora and vegetation	<ul style="list-style-type: none"> – No more than 1.5 ha of clearing is permitted at the location detailed in Figure 1.
Fauna	<ul style="list-style-type: none"> – Clearing of native vegetation will be undertaken in a slow, progressive manner in one direction to allow fauna to move away from the clearing area. – Construction personnel will not touch, feed or otherwise directly interact with fauna. – Clearing will be undertaken during daylight hours only.
Weeds	<ul style="list-style-type: none"> – The Contractor will ensure that no weed-affected soil, mulch, fill or other material is brought onto the site. – All vehicles and machinery will arrive clean on site. – Movement of vehicles and machinery will be restricted to the area to be cleared and existing cleared areas.
Erosion	<ul style="list-style-type: none"> – Standard construction measures regarding erosion and sediment control will be implemented during construction works.
Dust	<ul style="list-style-type: none"> – Standard construction dust control and mitigation measures will be implemented during clearing. This may include the use of a water trucks, or similar. – Ground disturbance and clearing of vegetation will be restricted during high winds if dust cannot be adequately controlled.
Noise	<ul style="list-style-type: none"> – The contractor will comply with the Environmental Protection (Noise) Regulations 1997. – Complaints regarding noise will be recorded and investigated by Horizon Power.
Waste	<ul style="list-style-type: none"> – Rubbish will be disposed of in appropriate containers and all waste will be removed from the site.
Hydrocarbons and chemicals	<ul style="list-style-type: none"> – Hydrocarbons and chemicals will be appropriately managed on site to prevent spills, including maintaining equipment in good working order in accordance with manufacturers specifications. – No refuelling will be undertaken within 50 m of a waterway, drain or drainage line. – Hydrocarbons will be appropriately stored at least 50 m away from drainage lines and stored in an appropriate bunded container. – Refuelling will be undertaken on hardstand or using catch trays only. Uncontrolled refuelling is not permitted.

PROTECTED

Aspect	Management Measure
	<ul style="list-style-type: none">– Chemicals will be appropriately stored.
Contamination	<ul style="list-style-type: none">– The adjacent area was historically used as a fuel storage and dispensing depot so there is potential for contamination to be present. Unexpected finds protocols will be applied including immediate stop work if contamination is suspected.
Heritage	<ul style="list-style-type: none">– Should previously unknown Aboriginal cultural heritage materials be uncovered during construction works, works are to stop immediately within 20 m of the find. The Contractor is to contact the Horizon Project Manager and an incident will be raised. The area will be cordoned off and no access permitted to the area until the incident is investigated and resolved.