



Wireless Projects Construction Management Plan

TEM-OPR-CMS-058-Indian Ocean Drive/Coolimba-Eneabba
Road



Table of Contents

| | |
|------------------------------------------------------------------|----|
| 1. Introduction | 3 |
| 1.1 Purpose..... | 3 |
| 1.2 Project Scope | 3 |
| 2. Construction Management Site Particulars | 3 |
| 2.1 Roles & Responsibilities..... | 3 |
| 2.2 Quality Management..... | 6 |
| 2.3 Environmental Management..... | 6 |
| 2.4 Materials Management | 8 |
| 2.5 Site Details | 8 |
| 2.6 Site Establishment & Laydown Area..... | 9 |
| 2.7 Mobile Plant Requirements..... | 10 |
| 2.8 Onsite Personnel Requirements..... | 10 |
| 3. Critical Risk Control Identification and Implementation | 10 |
| 3.1 Program Emergency Contact Details..... | 10 |
| 3.2 Site Emergency Contact Numbers | 11 |
| 3.3 Site Emergency Evacuation Point | 11 |
| 3.4 Nearest Hospital | 11 |

1. Introduction

1.1 Purpose

This document is a Construction Site Management Plan to provide a method and sequence of actions required to complete the Learmonth Amplitel & Telstra installation.

This document summarises the Site Particulars, Emergency Response, Site Personnel and addresses safety, environmental, quality and construction requirements related to the project including and Critical Controls Implementation that is required for Employees and Subcontractors.

1.2 Project Scope

The specific project scope of works related to the Indian Ocean Drive/Coolimba-Eneabba Road site installation for a new lattice tower site including new solar system installation and telecommunications outdoor equipment units and all associated equipment.

The new installation scope is as per PD drawings V1 issued 23/03/23 and major components are listed below:

- Installation of new 50 steel lattice tower;
- Installation of new headframe on top of lattice tower and associated antennas, feeders and required telecommunications equipment onto the new structure;
- Installation of new foundations for new solar panels and associated solar equipment;
- Installation of all underground earthing required for all equipment installation and connection of new earth grid to all installation;
- Installation of new solar panels, battery outdoor units and batteries required for solar installation;
- Installation of new cable tray from new monopole structure to equipment outdoor units;
- Installation of new chain mesh fencing around entire compound including access gates.

All works performed under this scope of works will be in compliance with the relevant Company and Australian technical specifications, regulation, standards and statutory requirements. Should any discrepancy be found between documentation the most stringent requirement will be applied.

2. Construction Management Site Particulars

2.1 Roles & Responsibilities

All team members are required to:

- Comply with Safety, Health, Environment and Quality (SHEQ) policies, procedures and legislative requirements;
- Undertake all their activities in accordance with client-specified requirements, and the suite of management plans which have been prepared for this project;

- Report any activity which has resulted in, or has the potential to result in an incident or non-conformance as per the Genus Incident Reporting process;

The relevant construction management responsibilities for the key positions required for this project are summarized in the following table. This list of responsibilities is not exhaustive as all project personnel are required to ensure their own work practices are consistent with the requirements of the CMP, together with statutory and contractual requirements, and be aware of impacts to the agreement.

Refer to PLN-SHEQ-CMS-0010 for further information and breakdown of overall roles and responsibilities.

| Role | Responsibility |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Project Manager (PM) | <p>The PM has the following construction management responsibilities:</p> <ul style="list-style-type: none"> • Review and authorise this CMP and any other project documents. • Assign construction responsibilities to all project personnel. • Ensure the Managing Safety, Quality & Environmental Risks procedure is implemented. • Ensure all project personnel are suitably trained, and possess the necessary skills, to undertake their designated construction responsibilities. • Continual monitoring of construction performance to ensure compatibility and continued effectiveness with the group policy and objectives. • Participate in the review of the construction system and other relevant construction meetings and programs. • Approve Inspection and Test Plans (ITPs) and Project Forms / Checklists. • Ensure NCR investigations are conducted and any subsequent corrective actions are managed in a timely manner. • Demonstrate leadership commitment through personal participation at all levels of safety on the project, and not accept behaviours which could put people at risk of harm or injury. |
| Construction Manager (CM) | <p>The CM has the following construction management responsibilities:</p> <ul style="list-style-type: none"> • Provide guidance and subject matter expertise to the construction management team on effective delivery of the program. • Manage review project delivery schedules. • Logistics and material management. • Quality management of field deliverables including hold point management. • Produce work plans that satisfy, and are consistent with, the main project plan. • Review the work methods employed by the external resources to ensure they are consistent with the project construction, safety and quality plans. |

| Role | Responsibility |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | <ul style="list-style-type: none"> • Review safety procedures and systems employed by external resources to ensure compliance with Company and project Specifications and requirements. • Address all escalations from Field Staff in relation to OH&S, Quality, Environment, customer / external issues and specification queries. • Ensure field staff follow project procedures and document / report all issues, progress, variations. • Analyse and monitor performance of suppliers and sub-contractors. • Client liaison for schedule delivery, mid to long-term forecast and delivery capability. • Prepare and plan all resources related to all phases of Construction Activities. • Ensure all agreements are in place prior to engaging and commencing with external resources, Consultants and suppliers. • Liaise with all internal and external stakeholders to facilitate access to sites Reporting on progress against program, and proactive escalation and solutions. • Comply with all plans and specifications and effectively implementing resources, services, facilities and initiatives to deliver the project. • Demonstrate leadership commitment through personal participation at all levels of Safety on the project and not accept behaviours which could put people at risk of harm or injury. |
| Project Engineer (PE) | <p>The Project Engineer has the following construction management responsibilities:</p> <ul style="list-style-type: none"> • Ensuring procedures in the Construction Management Plan are followed. • Ensuring construction targets and programs are met. • Managing material logistics. • Management & reporting of defective materials. • Prepare work packages for subcontractors and/or internal crews. • Ensuring the requirements for mandatory hold points and witness points are satisfied. • Participating in non-conformance investigation and verify that corrective action taken is Suitable and effective. • Carrying out the agreed rectification works after identification of non-conformance. • Compile weekly and monthly progress updates. • Report on delay and action risk mitigation actions. • Review and compile Site Handover Pack. |

2.2 Quality Management

Site Manager / Supervisors of the construction teams are responsible for the quality of the constructed works and shall complete and submit quality control check sheets in accordance with Genus' Quality Management Plan.

Refer to PLN-SHEQ-CMS-0003 for further details.

2.3 Environmental Management

All works onsite to be done in conjunction with the Genus Mobiles Construction Environmental Management Plan and to ensure they comply with Safety, Health, Environment and Quality (SHEQ) policies, procedures, additional legislative requirements and Telstra's environmental compliance documents. Refer to documents below for further details and reference:

- PLN-SHEQ-CMS-0009
- Telstra Environmental Handbook, V6 Issued 20/03/2020.

As identified during initial assessment of the site location specific requirements for this site location to be implemented are as per below in regards to weed and die back management.

Dieback

Phytophthora dieback is a soil-borne pathogen that kills a wide range of plant species in South Western Australia by destroying their root systems. There are over fifty species of Phytophthora that occur Worldwide and seven that have been found in WA. The most common of these is Phytophthora cinnamoni.

The life cycle of Phytophthora cinnamoni depends on moist conditions that favour survival, sporulation and dispersal of the pathogen. The highest levels of the pathogen occur within soils after significant rainfall (greater than 5-10 mm) and remain at high levels for a significant period of time. The exact period is unclear and is dependent on a number of variables including soil type, presence of vegetation and temperature.

The site at Indian Ocean Drive, Eneabba is identified as being within the dieback 'vulnerable zone' of Western Australia. The 'vulnerable zone' is the geographic region in which conditions enable dieback to occur and persist.

Constructors have the opportunity to reduce the rate of spread of Phytophthora by taking steps to minimise the accidental spread of the pathogen. Throughout the construction site and access tracks contractors should be required to Dieback Management practices and procedures in accordance with the Department of Biodiversity, Conservation and Attraction's Phytophthora Dieback Management Manual – October 2020, including:

- Provide hygiene protocols and induction to all workers/contractors on site;
- To avoid introducing infection; leave the depot with clean potential carriers (machinery, vehicles, footwear, tools) using approved disinfectant;
- To avoid spreading infection when leaving site; remove excess soil and mud and then spray boots, tools, gloves and small equipment with approved disinfectant;
- Regard all natural areas as protectable unless known otherwise;

- Schedule work (as far as possible) in dry soil conditions;
- Do not drive or park vehicles or trailers off established tracks; avoid driving through areas where dieback could exist (i.e. low-lying areas, boggy creeks, puddles);
- Do not work on a site if the soil is saturated and mud is likely to adhere to footwear and tools;
- Avoid unnecessary soil disturbance;
- Do not import plants unless they are from nurseries accredited with Nursery Industry Accreditation Scheme (NIASA);
- Never import soil or gravel unless it is certified to be free of *P. cinnamomi* by plant disease diagnostic laboratory;
- All materials removed from a site must be bagged and taken to landfill;
- Ensure effluent from wash down stations does not drain into bushland;
- Restrict access to areas outside of the nominated construction works and laydown areas.

Heritage

The proposed development is not expected to have a significant impact of known or potential heritage values within or adjacent to the project area and as such there are no further requirements for additional heritage assessment. Refer to EMM Heritage Impact Assessment May 2023.

Stormwater & Drainage

Any water drainage as a result of construction practices will be maintained onsite and controlled via temporary bunding and drained back into the land for absorption. It is expected that the construction activities will not create significant amounts of run off or drainage requirements. Due to the nature of the surrounding land and small surface area of the impacts this will be able to be contained within the proposed construction works area.

Soil Management

To minimise any impacts as a result of the construction activities:

- All works to be kept within a small works area (i.e. not outside the surveyed area of the environmental reports);
- No stock piling of soil to be left onsite after construction activities;
- Any soil that can be placed back in the ground post disturbance to be reinstated.

Refer to Telstra Environmental Handbook, V6 Issued 20/03/2020 for additional control measures related to soil management.

2.4 Materials Management

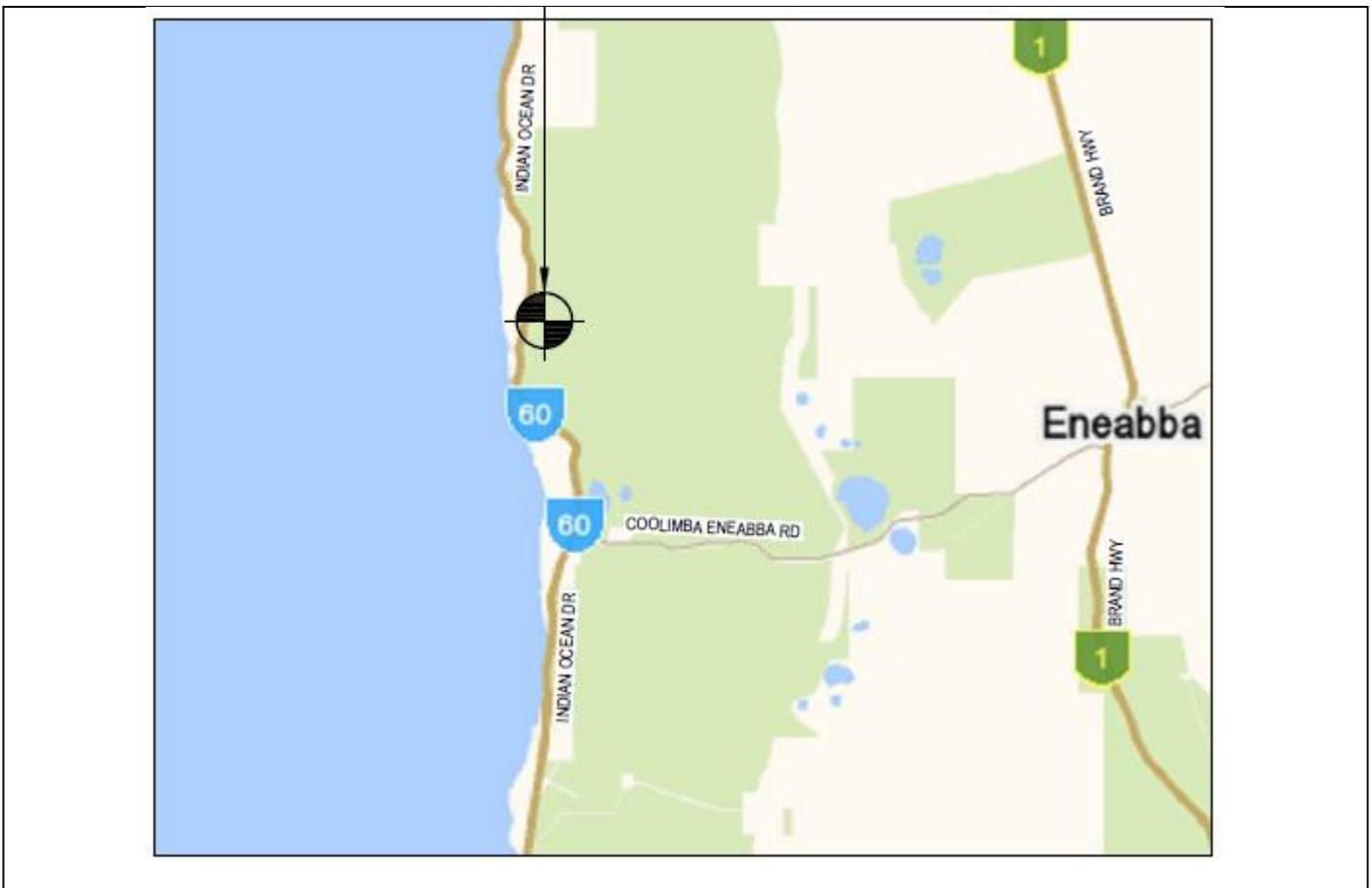
Procurement of materials shall be tracked and managed by Genus in conjunction with relevant Telstra Project Managers. With the exception of large items (e.g. towers) materials are to be delivered by Telstra to Genus' nominated warehouse. It is the responsibility of the Site Supervisors and Team Leaders to ensure that required consumables are organised to avoid any project delays.

Materials shall be inspected for damage or defects on receipt on site or in nominated warehouse. Replacement of defective or damaged materials where required will be the responsibility of the Construction Manager & Project Engineer to coordinate through Telstra or their nominated suppliers.

Larger items including tower sections and solar equipment/materials are scheduled to be delivered direct by suppliers to site and will be organised and coordinated by Genus in conjunction with relevant Telstra Project Managers to suit the site program and schedule.

2.5 Site Details

| | |
|-------------------------|---------------------------------------------------------|
| Site code and Site name | WA11472.01 – Indian Ocean Drive / Coolimba-Eneabba Road |
| Site Address | Indian Ocean Drive, Eneabba, WA 6518 |
| Construction Company | Genus |

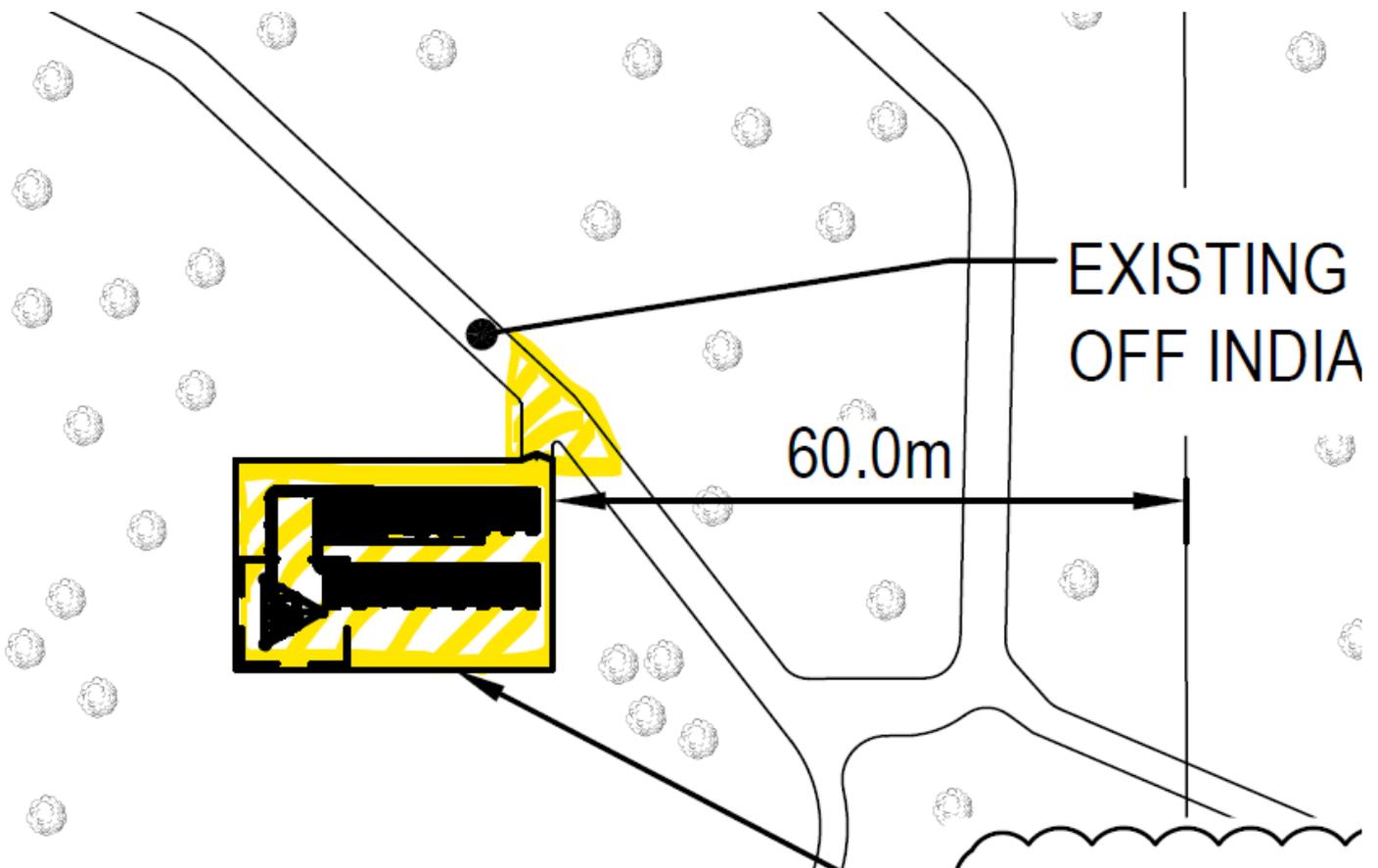


| | | |
|-------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------|
| PROPERTY DESCRIPTION LOT/DP: LOT 64, P240383 | SITE STRUCTURE CO-ORDINATES (GDA94) SURVEY READING ACCURACY: ± 10.0m CENTRE OF TOWER | |
| | LATITUDE | GDA 94 -29.85972 |
| | LONGITUDE | GDA 94 114.99833 |

2.6 Site Establishment & Laydown Area

Genus will establish temporary construction area required for storing of materials and ablutions. This will likely consist of a shipping container and associated temporary fencing. This will also incorporate the site office for staff to work out of and ablutions and temporary toilet facilities. This is proposed to be included within the future compound area and to utilise some of the existing access track area that is cleared and is shown in the highlighted area in below diagram.

Based on current design projections there is ~600m² of land required to be cleared for the new installation, construction and associated temporary facilities.



2.7 Mobile Plant Requirements

All mobile plant required for installation to be procured and managed as per Mobile Plant and Equipment Management Procedure.

Refer to PRO-PEV-GFM-0001 for further details and information.

Plant proposed to be required for this site, not this may alter upon final construction methodology:

- 100T Mobile Crane;
- 35m Elevated Work Platform;
- 10T Excavator;
- 4WD utility vehicles;
- Hiab truck.

2.8 Onsite Personnel Requirements

On top of previous mentioned and listed Genus representatives in section 2.1 requirement will be for below listed staff to attend for onsite works:

- Labourers;
- Plant operators;
- Riggers;
- Electricians;
- Technicians;
- Truck drivers (material deliveries only).

Staff movements will fluctuate throughout the project depending on the stage of the works but is proposed team to average to 4 personnel onsite as the standard work crew.

Hours of operation will be 0700AM to 1800PM Monday to Sunday and no night works are proposed for this site works.

3. Critical Risk Control Identification and Implementation

Identification of critical risks and control implementation is required to be completed onsite. The pre-construction check is required to be verified onsite and any changes required to be implemented and approved.

All management of onsite OH&S risks, controls and onsite works to be done in conjunction with Genus’ Safety, Health & Environment Management Plan. Refer to PLN-SHEQ-CMS-0001 for further details.

3.1 Program Emergency Contact Details

| | |
|-------------------------------------|-----|
| Genus Services Construction Manager | TBA |
| Genus Services Project Manager | TBA |

| | |
|-----------------------------|-----|
| Genus Services SHEQ Advisor | TBA |
|-----------------------------|-----|

3.2 Site Emergency Contact Numbers

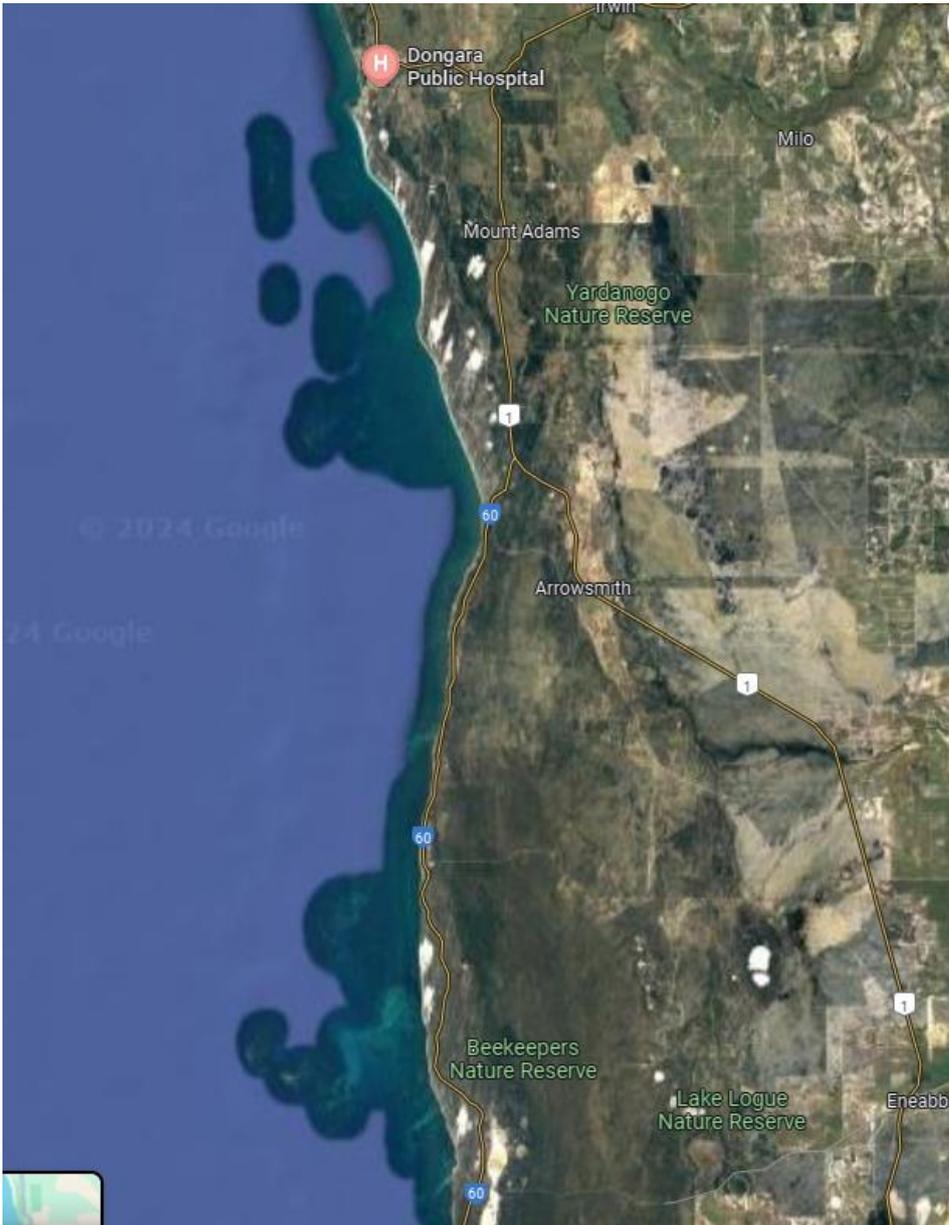
| | |
|---------------------------|------|
| Police – Fire – Ambulance | 000 |
| Dial Before You Dig | 1100 |

3.3 Site Emergency Evacuation Point

Emergency Evacuation point is to be nominated upon site commencement.

3.4 Nearest Hospital

| | |
|--------------------|-----------------------------------------|
| Hospital Name | Dongara Public Hospital |
| Address | 48 Blenheim Road, Port Denison, WA 6525 |
| Telephone Number | 08-9927-0200 |
| Hours of Operation | 24 Hours |





Level 1 | 63 Abernethy Road, Belmont WA 6104

T: 08 9390 6999 | F: 08 9390 2999 | M: 0449 255 679