

# Environmental Management Plan Outline

## Yarranlea Solar

within  
Toowoomba Regional Council

for

**YARRANLEA SOLAR PTY LTD**



**Project 15-282**

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c o n s u l t i n g



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## STATEMENT OF LIMITATION

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# **1. Introduction**

## **1.1 Background**

icubed consulting was commissioned to prepare an Environmental Management Plan Outline required for a Renewable Energy Facility (100MW) for Yarranlea Solar Pty Ltd over land located at 538 and 752 Yarranlea Road, Yarranlea. The subject land can be further identified as lots 3347 on A341649, 2 on RP18249, 2 on A34925, 2 on RP7475.

The proposed development will comprise of a Renewable Energy Facility (100MW) and ancillary uses, being office and sales display. The development will be completed in up to four (4) stages.

The proposed development is shown on drawing 15-282-A01 in Appendix A.

## **1.2 Objectives**

This report has been compiled to outline the framework for the Environmental Management Strategy which will be required to be prepared and approved as part of the Operational Works Approval phase of the project. These plans shall be applicable to the Construction, Operational and Decommissioning Phases of the project. The project shall be delivered via an Engineer, Procure, Construct and Manage Contractor, (EPCM), and as such the technologies and construction systems to be deployed across the project are at this time still to be confirmed. This outline document and the applicable framework herein, shall be used by the EPCM contractor to prepare the relevant plans.

## 2. Location

The proposed sites are located at 538 and 752 Yarranlea Road, Yarranlea. The subject land can be further identified as lots 3347 on A341649, 2 on RP18249, 2 on A34925, 2 on RP7475. The site is accessible from Pittsworth Tummaville Road. The site is graded from the east to the west at approximately 1.0%, and has a series of existing diversion bunds across the site.

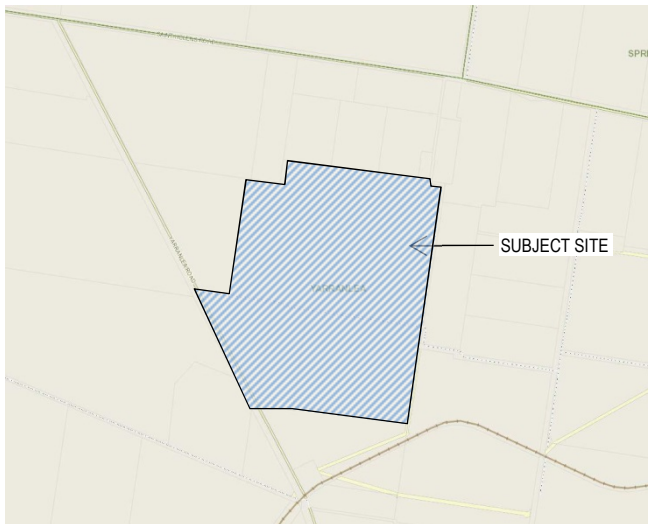


Figure 1: Locality Plan, (2016, Copyright Near Map) – Not to scale, generally indicative only.  
Source: Near Map

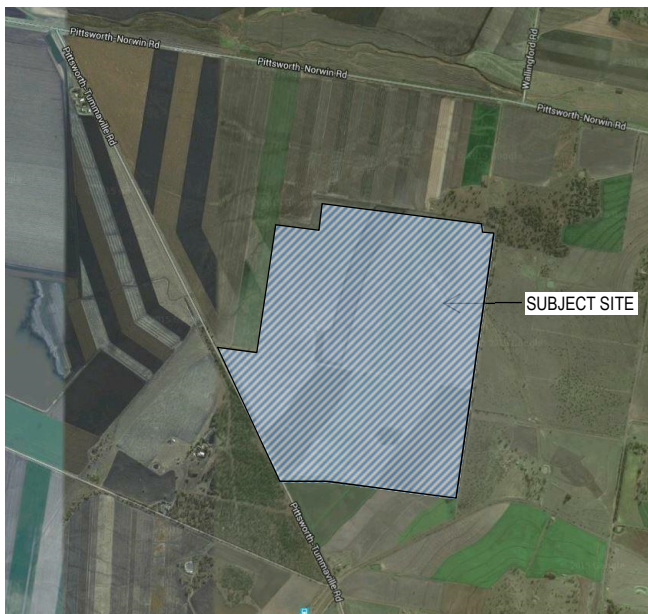


Figure 2: Aerial Photo, (2016, Copyright Near Map) – Not to scale, generally indicative only.  
Source: Near Map

### 3. *Environmental Management Plans*

The nature of major projects means there will commonly be contingent requirement for ongoing environmental response planning to key issues. This approach allows planning and management techniques to be mindful of worst case scenarios and representative impacts as response strategies are developed. In the case of the Yarranlea Solar Project it is intended to commit to the preparation of environmental management plans for the construction, operational and decommissioning stages of the project as indicated in the document structure outlined in Figure 3.

The principal content requirements for EMPs is provided in the project's Draft Statement of Commitments throughout the report and provided in consolidated form in Appendix B. Detailed content will be worked up in dialogue with relevant authorities and stakeholders in the project commissioning stages in response to the project construction critical path.

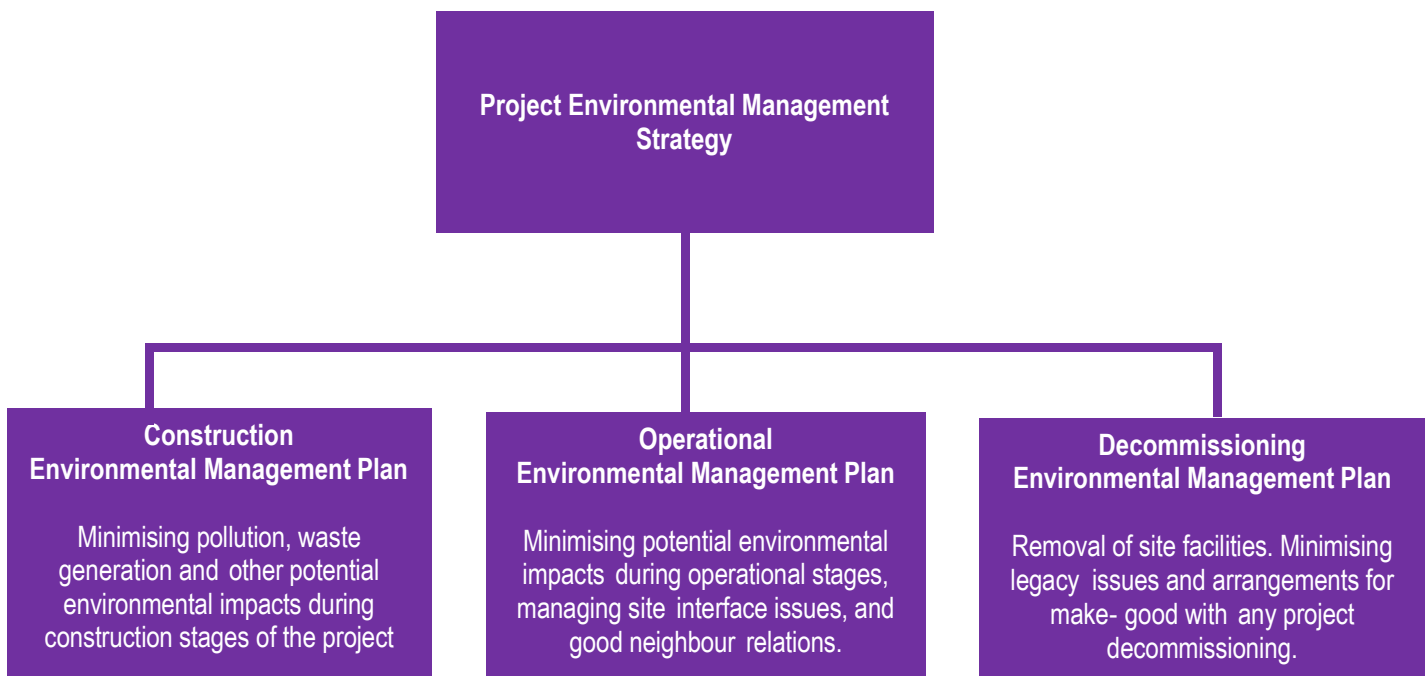


Figure 3: Environmental Management Structure

The core plans indicated in Figure 3 will necessarily incorporate a number of sub-plans which include:

- Soil and Water Management Plan
- Dust Management Plan
- Noise, Vibration Management Plan
- Weed Management Plan
- Waste Management and Reuse Management Plan
- Traffic Management Plan
- Flora and Fauna Management Plan
- Indigenous and Non-Indigenous Cultural Heritage Management Plan
- Hazardous Materials Management Plan



## 4. Conclusion

This report outlines the framework for the development of the Environmental Management Strategy for the complete project lifecycle. The Yarranlea Solar Project shall be delivered via an Engineering, Procure, Construct and Manage Contractor, (EPCM), and as such the technologies and construction systems to be deployed across the project are at this time still to be confirmed. The documents prepared in accordance with this strategy will require approval at the operational works approval phase of the project.



## ***Appendix A – Site Layout Plan***





## ***Appendix B – Statement of Commitments***

### Glossary of Terms

ETL	-	Electrical Transmission Lines
SPS	-	Solar Power Station
CEMP	-	Construction Environmental Management Plan
NMP	-	Noise Management Plan
OEMP	-	Operational Environmental Management Plan
LMP	-	Land Management Plan
CHMP	-	Cultural Heritage Management Plan
DEMP	-	Decommissioning Environmental Management Plan