



Manildra Solar Farm Construction – Environmental Representative (ER) Inspection Report

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Date of Inspection	14/11/2017	Location of Inspection	Manildra Solar Farm
ER	Demelza Scott Maurice Pignatelli	Proponent Representative	Nil
Weather	Fine, partly cloudy	Construction Contractor Representative	Baz Tuppin John Sharman
Follow up from previous inspection	CA 111017-01 is no longer applicable as all rocky outcrops are to be removed for the installation of the solar arrays. IO 111017-01 remains outstanding. Refer to waste. CA 130917-01 remains outstanding. Refer to chemicals and fuels.		
Inspection Summary	Improvement Opportunity - 0 Corrective Action - 0 Open Corrective Actions: CA 130917 – 01: Conduct appropriate checks and inductions on subcontractors, their staff and plant/equipment prior to conducting any work on the project. Appendix A Corrective Action Register to track identification and close out of corrective actions.		
Comments / Observations	Pile driving of posts for the solar arrays has commenced on Array 7 and 8, earthworks have extended across the site and gravel was being delivered and more permanent access roads formed across the site. Erosion and sediment controls were in place and managing sediment risk well. The site continued to present a low environmental risk at the time of inspection.		

Signed: 

Demelza Scott, Environmental Representative

Issue	Observations & Corrective Actions	Due Date	Photographic Record
<i>Site Compound</i>	<p>BAR on Packham Drive has been completed.</p> <p>Site access control now includes boom gate.</p> <p>Sides of the main access road were showing good growth following seeding.</p>		 <p>The top photograph shows a paved road with a white boom gate on the right side, set against a blue sky with scattered white clouds. The bottom photograph is taken from the driver's perspective, showing a dirt road curving to the right, with a field and distant hills visible under a cloudy sky.</p>

Issue

Observations & Corrective Actions

Due Date

Photographic Record

Dust

Three water trucks were operating at the time of inspection to manage dust for the earthworks across the site.

Disturbed areas of the site are being seeded within seven days of handover from the earthworks contractor, and watered to achieve groundcover targets.

Deliveries of gravel for the access roads across the site were occurring during the inspection. Loads were not contributing to dust generation.



Issue	Observations & Corrective Actions	Due Date	Photographic Record
Waste	<p>RCR are yet to induct the waste collection driver and conduct a plant acceptance check on the waste truck. Refer to CA 130917.</p> <p>RCR have set up a Manildra Fuel and Waste register and are recording deliveries of water (potable and drinking water) and fuel deliveries, and scrap metal, general waste and recyclables removal.</p>		
Chemicals and Fuels	<p>RCR are in the process of finalising the SWMS and training material for onsite refuelling in accordance with the CEMP. Refer to IO 111017. Only static plant would be refuelled on site. RCR are replacing the refuelling trailer with a pod that would be installed in accordance with the CEMP.</p>		

Issue	Observations & Corrective Actions	Due Date	Photographic Record
Flora and Fauna	<p>RCR advised that no rocky outcrops will remain in situ therefore CA111017 is no longer applicable. Rocky outcrops were observed to be removed in the vicinity of earthworks with rocks stockpiled.</p> <p>Topsoil stockpile has been relocated from site adjacent to main site compound, to AWTS irrigation area.</p> <p>RCR advised that nest boxes to replace hollows from trees removed on the project are still under construction.</p>		
Traffic	<p>RCR are maintaining ATVs on site. Sighted plant acceptance check sheet for ATO 095 and verification of competency assessment for Oliver Frith on the Polaris Ranger dated 14/11/2017.</p> <p>RCR conducted toolbox on 14/11/2017 regarding working around mobile plant of different sizes (ATVs vs large plant like scrapers).</p>		

Issue	Observations & Corrective Actions	Due Date	Photographic Record
Noise	Pile driving for solar array posts was occurring at time of inspection. Three pile drivers were operating on site. Noise testing to be conducted in coming weeks to assess insitu noise levels for consideration of works closer to sensitive receptors.		
Complaints	RCR have not received any complaints since the last inspection.		
Incident Management	RCR have not had any environmental incidents since the last inspection.		
Performance Monitoring	RCR are proactively identifying corrective actions and opportunities for improvement through their program of environmental inspections.		

Appendix A Corrective Actions Register

Reference	Action	Category <i>A: Stop Work</i> <i>B: Immediate Action</i> <i>C: Closed within 2 weeks</i> <i>D: Non-critical</i>	Date Opened	Responsibility	Date Closed
170810 – 01	Maintain spill kits in areas that are readily accessible in the event of a spill.	B	10/08/2017	RCR SCECO	13/09/2017
170810 – 02	Manage trenches in accordance with Protocol 4: Trenching to minimise trap hazard for fauna.	B	10/08/2017	RCR SCECO	13/09/2017
130917 – 01	Conduct appropriate checks and inductions on subcontractors, their staff and plant/equipment prior to conducting any work on the project.	C	13/09/2017	RCR SCECO	
111017 – 01	Fence rocky outcrops within the development envelope that are not to be disturbed	C	11/10/2017	RCR SCECO	14/11/2017

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		<i>A: Stop Work</i> <i>B: Immediate Action</i> <i>C: Closed within 2 weeks</i> <i>D: Non-critical</i>			
	including a 2.5m buffer as per FFMP or provide justification for not fencing.				