





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



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Date of Inspection	13/09/2017	Location of Inspection	Manildra Solar Farm
ER	Demelza Scott	Proponent Representative	Bjorn Schultz Aaron Hawkins
Weather	Fine and partly overcast	Construction Contractor Representative	Baz Tuppin
Follow up from previous inspection	Corrective Actions: CA 170810 - 01: Maintain spill kits in areas that are readily accessible in the event of a spill. <i>Sighted spill kit in main RCR site compound and on refuelling trailer.</i> CA 170810 - 02: Manage trenches in accordance with Protocol 4: Trenching to minimise trap hazard for fauna. <i>RCR SCECO reported that the trench was dewatered immediately and covered with pallets to prevent fauna being trapped.</i>		
Inspection Summary	Improvement Opportunity – 0 Corrective Action – 1 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	The site was still in the pre-construction phase at the time of inspection. Site buildings have been connected to a self-bunded diesel generator. The internal main access road has been completed up to the site buildings. The laydown area has been completed. The site was tidy at the time of the inspection. Erosion and sediment controls for stockpiles and earthworks were implemented and managing erosion and sediment risk well, although they are yet to be tested with significant rainfall. The site presented a low environmental risk at the time of the inspection.		



Signed:

Demelza Scott, Environmental Representative

Issue	Observations & Corrective Actions	Due Date	Photographic Record
Site Compound	<p>Laydown area, private vehicle and bus parking, and main access road to laydown area and site compounds have been completed since the last inspection.</p> <p>On the day of the inspection, temporary barrier fencing was being installed around the laydown area, and the newly engaged civil contractor Brefni was on-site for the inception meeting.</p>		 

Issue	Observations & Corrective Actions	Due Date	Photographic Record
	<p>The on-site sewage treatment system has been installed and connected. The trench has been filled. The irrigation area (pictured) has been seeded and erosion and sediment controls were in place.</p> <p>Rainwater tanks have been installed including connection for Rural Fire Service, if required.</p>		 
Dust	<p>Minimal dust was observed to be generated across the site.</p> <p>Some small amounts of dust were observed to be generated by vehicles entering and exiting the car park adjacent to the site buildings.</p>		

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Waste	<p>RCR have engaged Remondis for waste management and transport for the project. Two waste skips have been provided for co-mingled recyclables and general waste.</p> <p>Remondis were on-site conducting the project's first waste collection at time of the inspection. RCR are yet to induct the driver and review Remondis' plant and equipment to determine if it satisfies RCR's acceptance requirements for general mobile plant.</p> <p>Other waste materials e.g. wooden pallets have been stockpiled in the laydown area for potential reuse or later recycling/disposal.</p> <p>Corrective Action 130917 – 01: Conduct appropriate checks and inductions on subcontractors, their staff and plant/equipment prior to conducting any work on the project.</p>	N/A	
Chemicals and Fuels	<p>A diesel generator has been installed adjacent to the site buildings to power the site compound during construction of the project. RCR advised that the generator is self-bunded. A fire extinguisher is available at the generator.</p>		

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	<p>The Rural Fire Service (RFS) have conducted an audit of fire extinguishers for the project in late August. The audit findings required installation of additional fire extinguishers and signage. These additional fire extinguishers and signage have been ordered however are yet to be received and erected. This is to be monitored at the next ER inspection to confirm that appropriate action has been taken.</p> <p>Spill kits were available observed in the RCR site compound and on the refuelling trailer.</p>		
	<p>RCR maintain a refuelling trailer on site. RCR advised that the trailer is double bunded and a spill kit is available in the trailer. RCR plan to set up designated refuelling locations across the project site however this is yet to happen. Refuelling is occurring on a gravel pad adjacent to the site buildings. A fuel register is maintained and was sighted at the inspection.</p>		

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<i>Flora and Fauna</i>	<p>The Biodiversity Offset Area has been fenced by RCR at the project boundary and signage is on order.</p> <p>Geolyse have conducted weed mapping (including a register) for the project site. RCR are developing a plan to manage the identified weed infestations in accordance with the Groundcover Management Plan.</p> <p>Geolyse have conducted a pre-clearing vegetation survey including marking trees, mapping and a register for the project. No tree clearing has been conducted to date.</p> <p>RCR advised that they have agreed, in conjunction with the landholder, to donate the trees to be removed for the project to the local Lions Club for use as firewood in Manildra's retirement village.</p>		
<i>Traffic</i>	<p>Reduced speed limit signage was observed on Packham Drive on approach to the project main access.</p> <p>Speed limit signage was observed on the main access road into the project site.</p> <p>Internal access roads were observed to be pegged and are yet to be constructed.</p> <p>Packham Drive intersection upgrade is to be completed by the civil contractor.</p> <p>Brefni are to operate in accordance with the CEMP and approved Traffic Management Plan. A Vehicle Management Plan is to be developed by Brefni for review and approval by RCR for construction of on-site access roads.</p> <p>RCR are currently reviewing Brefni's Project Management Plan.</p>		


Soil and Water

The topsoil stockpile sediment fences were observed to be maintained in good condition. The stockpile has been seeded and groundcover growth was evident.

The effluent irrigation area sediment controls were observed to be maintained in good condition. The area had been seeded, no groundcover growth was evident.

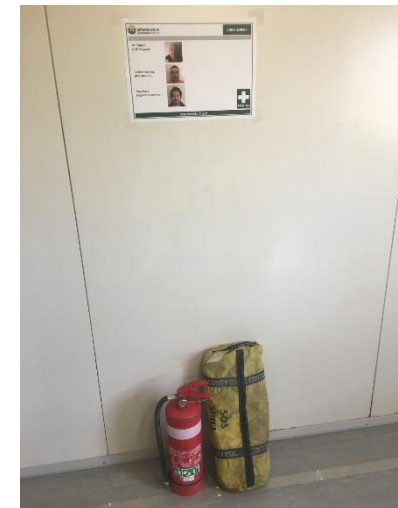
No other soil disturbance has occurred across the site.



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Complaints	RCR maintain a register for community complaints and enquiries. No complaints have been received to date. Majority of calls were for enquiring about sponsorship and work opportunities from labour hire companies.		
Performance Monitoring	RCR are developing a compliance tracking program, it is currently in draft. Completed weekly inspections were sighted since the previous ER Inspection.		
Induction and Training	Training packages for role-specific incident response training are currently under development. Sighted induction records for forklift operator Wes Roweth dated 11/09/2017 including Verification of Competency for forklift operation, forklift licence and construction induction (white card).		

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



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		<i>B: Immediate Action</i>			
		<i>C: Closed within 2 weeks</i>			
		<i>D: Non-critical</i>			



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
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130917 – 01	Conduct appropriate checks and inductions on subcontractors, their staff and	C	13/09/2017	RCR SCECO	
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	plant/equipment prior to conducting any work on the project.				