

# STANDARD OPERATING PROCEDURE

## SP013

### SUSTAINABILITY

<b>ENVIRONMENTAL RISK ACTION PLAN</b>	
<b>Sustainability</b>	
Objective	<ul style="list-style-type: none"> <li>To comply with contractual and legislative requirements in relation to the sustainability on the various project sites</li> </ul>
Legal, Contractual & Other Requirements	<ul style="list-style-type: none"> <li>Contract Specification</li> <li>See 3.2 Legal Requirements in EMS</li> </ul>
Targets	<ul style="list-style-type: none"> <li>Reduce waste to landfill</li> <li>Reuse spoil</li> <li>Photo electric switches</li> <li>Reduce Cement</li> <li>Low impact concrete</li> <li>Recycled aggregate</li> <li>Lower embodied energy bar and mesh</li> <li>Low VOC paints and finishes</li> <li>Segregation of Waste</li> <li>Reuse construction waste</li> <li>Mulching</li> <li>Avoid dangerous goods and hazardous materials.</li> </ul>
Responsibilities	<ul style="list-style-type: none"> <li>Site Manager are required to ensure that the requirements of this standard operating procedure are implemented</li> <li>Subcontractors are required to ensure that the requirements of this EMP are implemented for their operations.</li> <li>The Project Manager is responsible for providing updates on the status of the project to the relevant stakeholders.</li> </ul>
Controls (means & resources)	<ul style="list-style-type: none"> <li>Establish a secure waste area and provide containers/bins for the collection of waste and recyclables. Do not place near drainage areas.</li> <li>Seek out opportunities and markets for the reuse and recycling of waste materials.</li> <li>Provide impervious bunded storage areas for liquids and liquid wastes.</li> <li>Store all building materials in a manner that prevents loss or damage (i.e. secure and undercover, separate to waste).</li> <li>Promote the sustainable use of resources by personnel including water and energy.</li> <li>Undertake regular site clean ups.</li> <li>Provide and regularly check spill kit supplies. Ensure the kits are not being used for litter and that they are clearly visible.</li> <li>Ensure 100% of useable spoil material is beneficially reused. Onsite first, then off site if required</li> <li>Install control systems for lighting that dime or switch off lights</li> <li>Reduce the absolute quantity of Portland cement by at least 30% as average across all mixes</li> <li>Mulching vegetation where possible</li> <li>Use low VOC paints and finishes where specified</li> <li>Use at least 60% of bar and mesh that is produced through energy reduction processes such as polymer injection technology</li> <li>Make sure that the mix waste for concrete contains at least 50% non potable water. Substitute aggregates to the following levels (but only if Portland cement content does not increase by more than 5kg/m3)</li> <li>At least 40% of course aggregate is crushed slag aggregate or alternative materials</li> </ul>

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<b>ENVIRONMENTAL RISK ACTION PLAN</b>	
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	<ul style="list-style-type: none"> <li>• At least 25% of fine aggregates (sand) are manufactured sand or alternative materials</li> <li>• Read /use Material Safety Data Sheets to avoid dangerous goods or hazardous substances</li> <li>• Prepare monthly waste reports (Wrapp) Doc No: ENV027 and provide them to the Systems Manager.</li> <li>• Conduct inspections and complete checklist to assess the condition of waste compounds, waste/litter accumulation on the site and any maintenance requirements/improvements.</li> <li>• Undertake a documented inspection to assess site environmental controls and identify improvements to controls or work methods</li> </ul>
Timeframe	<ul style="list-style-type: none"> <li>• Duration of site works.</li> </ul>
Monitoring & Reporting	<ul style="list-style-type: none"> <li>• Monthly Waste Report Doc No: ENV033 to be provided to the Systems Manager</li> <li>• Weekly inspections to be recorded on the Daily Site Safety Checklist Doc No: OHS013.14</li> <li>• Monthly Management Inspections recorded on Form Doc No: OHS113</li> <li>• Monthly project status briefs to be provided to the clients representative and stakeholders if required under the contract.</li> <li>• Environmental Inspections / Audits undertaken by the Client Representative</li> </ul>
Review & Evaluation	<ul style="list-style-type: none"> <li>• In order to ensure this procedure remains effective, it will be reviewed by Senior Management on an annual basis or in the event of a major environmental incident, changes in legislation or if raised by workers concern/s.</li> </ul>

**Version Control**

<b>Date</b>	<b>Version</b>	<b>Owner</b>	<b>Comments</b>
29.11.13	1	Michelle Murphy	For Issue
23.12.13	2	Michelle Murphy	Management Review
18.05.15	3	Michelle Murphy	Management Review
20.08.18	5	Michelle Murphy	ISO Accreditation Review
09.09.19	6	Michelle Murphy	Management Review
03.02.22	7	Michelle Murphy	Management Review
13.12.24	8	Michelle Murphy	Management Review