

# Chullora Materials Recycling Facility

## Environmental Impact Statement (SSD-10401)

### Appendix A Secretary's Environmental Assessment Requirements checklist



## APPENDIX A

### Secretary's Environmental Assessment Requirements Checklist

Where Secretary's Environmental Assessment Requirements have been addressed

Secretary's Environmental Assessment Requirement	Where addressed
<b>General Requirements</b>	
The Environmental Impact Statement (EIS) for the development must meet the form and content requirements in Clauses 6 and 7 of Schedule 2 of the <i>Environmental Planning and Assessment Regulation 2000</i> .	Section 3.2 Chapter 5
In addition, the EIS must include a:	Section 3.2 Chapter 4
<ul style="list-style-type: none"> <li>• detailed description of the development, including:           <ul style="list-style-type: none"> <li>– need for the proposed development</li> </ul> </li> </ul>	Section 3.2 Chapter 4
<ul style="list-style-type: none"> <li>– justification for the proposed development</li> </ul>	Section 3.2
<ul style="list-style-type: none"> <li>– likely staging of the development - including construction, and operational stage/s</li> </ul>	Section 4.2 Section 4.4.1 (construction)
<ul style="list-style-type: none"> <li>– likely interactions between the development and existing, approved and proposed operations in the vicinity of the site</li> </ul>	Chapters 7 to 19 Section 20.4 and Section 20.5
<ul style="list-style-type: none"> <li>– plans of any proposed building works</li> </ul>	Section 4.3 Appendix E Concept Plan and Architectural Designs
<ul style="list-style-type: none"> <li>• consideration of all relevant environmental planning instruments, including identification and justification of any inconsistencies with these instruments;</li> </ul>	Chapter 5
<ul style="list-style-type: none"> <li>• consideration of issues discussed in Attachment 2 (public authority responses to key issues)</li> </ul>	Chapters 7 to 19
<ul style="list-style-type: none"> <li>• risk assessment of the potential environmental impacts of the development, identifying the key issues for further assessment</li> </ul>	Section 21.3
<ul style="list-style-type: none"> <li>• detailed assessment of the key issues specified below, and any other significant issues identified in this risk assessment, which includes           <ul style="list-style-type: none"> <li>– a description of the existing environment, using sufficient baseline data</li> </ul> </li> </ul>	Chapter 2 Chapters 7 to 19
<ul style="list-style-type: none"> <li>– an assessment of the potential impacts of all stages of the development, including any cumulative impacts, taking into consideration relevant guidelines, policies, plans and statutes</li> </ul>	Chapters 7 to 19 Section 20.4 and Section 20.5
<ul style="list-style-type: none"> <li>– description of the measures that would be implemented to avoid, minimise and if necessary, offset the potential impacts of the development, including proposals for adaptive management and/or contingency plans to manage any significant risks to the environment</li> </ul>	Chapters 7 to 19 Chapter 22
<ul style="list-style-type: none"> <li>• a consolidated summary of all the proposed environmental management and monitoring</li> </ul>	Environmental impact statement summary

Secretary's Environmental Assessment Requirement	Where addressed
measures, highlighting commitments included in the EIS	
<ul style="list-style-type: none"> <li>• The EIS must also be accompanied by a report from a qualified quantity surveyor providing:                             <ul style="list-style-type: none"> <li>– a detailed calculation of the capital investment value (as defined in clause 3 of the <i>Environmental Planning and Assessment Regulation 2000</i>) of the proposal, including details of all assumptions and components from which the CIV calculation is derived</li> </ul> </li> </ul>	<p>Section 3.2.6 Appendix C CIV report</p>
<ul style="list-style-type: none"> <li>– a close estimate of the jobs that will be created by the development during the construction and operational phases of the development</li> </ul>	<p>Section 3.2.6 Section 4.4.2 and Section 4.5.9</p>
<ul style="list-style-type: none"> <li>– certification that the information provided is accurate at the date of preparation</li> </ul>	<p>Statement of validity</p>
<b>Suitability of the Site – including:</b>	
<ul style="list-style-type: none"> <li>• details of all development consents applicable to the site</li> </ul>	<p>Section 2.3.1</p>
<ul style="list-style-type: none"> <li>• full details of interaction with the proposed 'Stage 0' works</li> </ul>	<p>Section 2.3 and Section 2.6 Section 4.3 Throughout this EIS</p>
<ul style="list-style-type: none"> <li>• a detailed justification that the site can accommodate the proposed resource recovery facility and its environmental impacts and relevant mitigation measures</li> </ul>	<p>Section 4.5.10 Section 24.2.3</p>
<b>Community and Stakeholder Engagement – including:</b>	
<ul style="list-style-type: none"> <li>• a detailed community and stakeholder participation strategy which identifies who in the community has been consulted and a justification for their selection, other stakeholders consulted and the form(s) of the consultation, including justification for the approach</li> </ul>	<p>Chapter 6 Appendix I CSPS</p>
<ul style="list-style-type: none"> <li>• a report on the results of the implementation of the strategy including issues raised by the community and the surrounding occupiers and landowners that may be impacted by the proposal</li> </ul>	<p>Chapter 6 Appendix I CSPS</p>
<ul style="list-style-type: none"> <li>• details of how issues raised during community and stakeholder consultation have been addressed and whether they have resulted in changes to the proposal</li> </ul>	<p>Section 6.3.3 (agency consultation outcomes) Section 6.4.3 (community consultation outcomes) Section 6.7 (changes to the Proposal) Appendix I CSPS</p>
<ul style="list-style-type: none"> <li>• details of the proposed approach to future community and stakeholder engagement based on the results of the consultation</li> </ul>	<p>Section 6.5 and Section 6.6 Appendix I CSPS</p>
<b>Waste Management – including:</b>	
<ul style="list-style-type: none"> <li>• a description of the waste streams that would be accepted at the site including the maximum daily, weekly and annual throughputs</li> </ul>	<p>Section 4.5.1 (waste streams) Section 4.5.10 (daily, week and annual throughputs)</p>

Secretary's Environmental Assessment Requirement	Where addressed
<ul style="list-style-type: none"> <li>a detailed description of waste processing operations (including flow diagrams for each waste stream), including a description of the technology to be installed, resource outputs, and the quality control measures that would be implemented</li> </ul>	<p>Section 4.5.3 (waste processing operations)                      Section 4.5.2 (technology and equipment)                      Section 4.5.3 and Section 4.5.5 (quality control measures)</p>
<ul style="list-style-type: none"> <li>details of how waste would be stored (including the maximum daily waste storage capacity of the site) and handled on site, and transported to and from the site including details of how the receipt of non-conforming waste would be dealt with</li> </ul>	<p>Section 4.5.4 (waste stockpiles and storage)                      Section 4.5.6 (transportation)                      Section 4.5.5 (non-conforming waste)</p>
<ul style="list-style-type: none"> <li>details of the waste tracking system for incoming and outgoing waste</li> </ul>	<p>Section 4.5.7</p>
<ul style="list-style-type: none"> <li>details of the waste management strategy for construction and ongoing operational waste generated</li> </ul>	<p>Section 19.3 and Section 19.4</p>
<ul style="list-style-type: none"> <li>the measures that would be implemented to ensure that the development is consistent with the aims, objectives and guidance in the <i>NSW Waste Avoidance and Resource Recovery Strategy 2014-2021</i></li> </ul>	<p>Section 3.3.1</p>
<b>Traffic and Transport – including:</b>	
<ul style="list-style-type: none"> <li>details of all traffic types and volumes likely to be generated during construction and operation, including a description of haul routes. Traffic flows are to be shown diagrammatically to a level of detail sufficient for easy interpretation</li> </ul>	<p>Section 4.4.4 and Section 7.4.1 (construction traffic types and volumes)                      Section 4.5.6 and Section 7.5.2 (operation traffic types and volumes)                      Section 7.5.1 (haul routes and traffic flows)                      Appendix J TIA</p>
<ul style="list-style-type: none"> <li>an assessment of the predicted impacts of this traffic on road safety and the capacity of the road network, including consideration of cumulative traffic impacts at key intersections using SIDRA or similar traffic model. This is to include the identification and consideration of approved and/or proposed developments in the vicinity</li> </ul>	<p>Section 7.5.4 (road safety)                      Section 7.5.2 (capacity of the road network)                      Chapter 20 (cumulative impacts)                      Appendix J TIA</p>
<ul style="list-style-type: none"> <li>detailed plans of the proposed layout of the internal road, weighbridge locations, pedestrian network and parking on site in accordance with the relevant Australian Standards and Council's DCP</li> </ul>	<p>Section 4.2 (layout)                      Section 4.3.2 (parking)                      Section 7.5.6 (parking provisions)                      Appendix E Concept Plan and Architectural Designs                      Appendix J TIA</p>
<ul style="list-style-type: none"> <li>plans of any proposed road upgrades, infrastructure works or new roads required for the development</li> </ul>	<p>No road upgrades or new roads are proposed or required as part of the Proposal</p>
<ul style="list-style-type: none"> <li>plans demonstrating how all vehicles associated with construction and operation awaiting loading, unloading or servicing can be accommodated on the site to avoid queuing in the street network</li> </ul>	<p>Section 7.5.6                      Appendix J TIA</p>
<ul style="list-style-type: none"> <li>swept path diagrams depicting vehicles entering, exiting and manoeuvring throughout the site for both heavy and light vehicles</li> </ul>	<p>Appendix J TIA</p>

Secretary's Environmental Assessment Requirement	Where addressed
<b>Air quality and odour - including</b>	
<ul style="list-style-type: none"> <li>a quantitative assessment of the potential air quality, dust and odour impacts of the development in accordance with relevant Environment Protection Authority guidelines This is to include the identification of existing and potential future sensitive receivers and consideration of approved and/or proposed developments in the vicinity</li> </ul>	<p>Section 8.5 Appendix K AQIA</p>
<ul style="list-style-type: none"> <li>the details of buildings and air handling systems and strong justification for any material handling, processing or stockpiling external to a building</li> </ul>	<p>Section 4.3.1 and Section 4.5.8 Section 8.5 Appendix K AQIA No material handling, processing or stockpiling would occur externally to the MRF</p>
<ul style="list-style-type: none"> <li>a greenhouse gas assessment</li> </ul>	<p>Chapter 17 Appendix R GHG assessment</p>
<ul style="list-style-type: none"> <li>details of proposed mitigation, management and monitoring measures</li> </ul>	<p>Section 4.3.1 and Section 4.5.8 Section 8.6 Appendix K AQIA</p>
<b>Soil and water - including</b>	
<ul style="list-style-type: none"> <li>an assessment of potential impacts to soil and water resources, topography, hydrology, drainage lines, watercourses and riparian lands on or nearby to the site, including mapping and description of existing background conditions and cumulative impacts</li> </ul>	<p>Section 9.3 (background conditions) Section 9.4 and Section 9.5 (assessment of impacts to water, hydrology, drainage lines, watercourses and groundwater) Section 10.4 and Section 10.5 (impacts to soil) Section 9.3.1 and Chapter 14 (riparian lands on or nearby the site) Appendix L Water and Hydrology Impact Assessment</p>
<ul style="list-style-type: none"> <li>a detailed site water balance, including identification of water requirements for the life of the project, measures that would be implemented to ensure an adequate and secure water supply is available for the proposal and a detailed description of the measures to minimise water use at the site</li> </ul>	<p>Section 9.5.4 Appendix L Water and Hydrology Impact Assessment</p>
<ul style="list-style-type: none"> <li>characterisation of water quality at the point of discharge to surface and/or groundwater against the relevant water quality criteria (including details of the contaminants of concern that may leach from the waste into the wastewater and proposed mitigation measures to manage any impacts to receiving waters)</li> </ul>	<p>Section 9.2.1 (water quality criteria) Section 9.3.1 (characteristics of water quality) Section 9.5.1 (contaminants of concern and impacts) Appendix L Water and Hydrology Impact Assessment</p>
<ul style="list-style-type: none"> <li>a detailed flooding assessment</li> </ul>	<p>Section 9.5.3 It is noted that flood management and flood planning requirements for this site have been addressed through applications and assessments lodged with Council (namely DA 366/2020). Appendix L Water and Hydrology Impact Assessment</p>

Secretary's Environmental Assessment Requirement	Where addressed
<ul style="list-style-type: none"> <li>details of stormwater/wastewater/leachate management systems including the capacity of onsite detention systems and measures to treat, reuse or dispose of water</li> </ul>	<p>Section 4.3.7 (features and systems)</p> <p>Section 9.3 (existing systems)</p> <p>Section 9.4 and Section 9.5 (proposed systems)</p> <p>Appendix L Water and Hydrology Impact Assessment</p>
<ul style="list-style-type: none"> <li>a description of erosion and sediment controls</li> </ul>	<p>Section 4.3.7, Section 9.3.1 and Section 9.4.1</p> <p>Appendix L Water and Hydrology Impact Assessment</p>
<ul style="list-style-type: none"> <li>characterisation of the nature and extent of any contamination on the site and a description of proposed management measures</li> </ul>	<p>Section 10.3.2</p>
<b>Noise and vibration including</b>	
<ul style="list-style-type: none"> <li>a quantitative assessment of construction, operational and transport noise and vibration impacts in accordance with relevant Environment Protection Authority guidelines. This is to include the identification of existing and potential future sensitive receivers and consideration of approved and/or proposed developments in the vicinity of the site</li> </ul>	<p>Section 11.4 and Section 11.5</p> <p>Appendix N NVIA</p>
<ul style="list-style-type: none"> <li>details and justification of the proposed noise mitigation and monitoring measures</li> </ul>	<p>Section 11.6</p>
<ul style="list-style-type: none"> <li>specified times of operation for all phases of the development and for all noise producing activities</li> </ul>	<p>Section 4.4.2 and Section 4.5.9</p>
<b>Fire and incident management - including</b>	
<ul style="list-style-type: none"> <li>identification of the aggregate quantities of combustible waste products to be stockpiled at any one time</li> </ul>	<p>Section 4.5.4</p> <p>Appendix G Fire Safety Strategy</p> <p>Appendix H Fire Systems Design</p>
<ul style="list-style-type: none"> <li>technical information on the environmental protection equipment to be installed on the premises such as air, water and noise controls, spill clean-up equipment and fire (including management of fire water, location of fire hydrants and water flow rates at the hydrant) management and containment measures</li> </ul>	<p>Section 4.3.5 (fire systems)</p> <p>Chapter 12 (protection equipment)</p> <p>Appendix G Fire Safety Strategy</p> <p>Appendix H Fire Systems Design</p>
<ul style="list-style-type: none"> <li>detailed information relating to the proposed structures addressing relevant levels of compliance with Volume 1 of the National Construction Code (NCC)</li> </ul>	<p>Appendix E Concept Plan and Architectural Designs</p> <p>Appendix F BCA Assessment Report</p>
<ul style="list-style-type: none"> <li>details of how Clauses E.10 and E2.3 of Volume One of the NCC would be addressed</li> </ul>	<p>Appendix E Concept Plan and Architectural Designs</p> <p>Appendix F BCA Assessment Report</p>
<b>Hazards</b>	
<ul style="list-style-type: none"> <li>a preliminary risk screening completed in accordance with <i>State Environmental Planning Policy No. 33 - Hazardous and Offensive Development</i> and Applying SEPP 33 (DoP, 2011), with a clear indication of class, quantity and location of all dangerous goods and hazardous materials associated with the development. Should preliminary screening indicate that the project is "potentially hazardous" a Preliminary Hazard</li> </ul>	<p>Section 12.5</p>

Secretary's Environmental Assessment Requirement	Where addressed
Analysis (PHA) must be prepared in accordance with <i>Hazardous Industry Planning Advisory Paper No. 6 - Guidelines for Hazard Analysis</i> (DoP, 2011) and <i>Multi-Level Risk Assessment</i> (DoP, 2011)	
<b>Social Impacts</b>	
<ul style="list-style-type: none"> <li>Including a social impact assessment undertaken by a suitably qualified and experienced person(s)</li> </ul>	<p>Chapter 13</p> <p>Appendix O SIA</p>
<b>Biodiversity</b>	
<ul style="list-style-type: none"> <li>Including an assessment of biodiversity impacts in accordance with the Biodiversity Assessment Method and documented in a Biodiversity Development Assessment Report (BDAR)</li> </ul>	<p>Appendix P Biodiversity Development Assessment Report (BDAR)</p> <p>An assessment of biodiversity within Proposal site has been undertaken. Chapter 14 provides an assessment of the biodiversity value of the Proposal site.</p>
<b>Aboriginal Cultural Heritage</b>	
<ul style="list-style-type: none"> <li>Including an assessment of Aboriginal cultural heritage values that satisfies the due diligence requirement of the National Parks and Wildlife Act 1974</li> </ul>	<p>Chapter 15 Aboriginal heritage</p> <p>Appendix Q Aboriginal due diligence assessment</p>
<b>Visual</b>	
<ul style="list-style-type: none"> <li>Including an assessment of the potential impacts of the development on the amenity of the surrounding area. The assessment should include images and photomontages of the proposed MRF building, and details of the height, colours, scale, building materials and finishes, signage and lighting</li> </ul>	<p>Sections 18.4 and 18.5</p> <p>Architecturals are provided in Appendix E which provide a visual representation of the MRF.</p>
<b>Plans and Documents</b>	
<ul style="list-style-type: none"> <li>The EIS must include all relevant plans, architectural drawings, diagrams and relevant documentation required under Schedule 1 of the <i>Environmental Planning and Assessment Regulation 2000</i>. These documents should be included as part of the EIS rather than as separate documents</li> </ul>	<p>Appendix E Concept Plan and Architectural Designs</p>
<b>Consultation</b>	
<ul style="list-style-type: none"> <li>During the preparation of the EIS, you must consult with the relevant local, State or Commonwealth Government authorities, service providers, community groups and potentially affected landowners.</li> </ul> <p>In particular you must consult with:</p> <ul style="list-style-type: none"> <li>Department of Planning, Industry and Environment, specifically the:             <ul style="list-style-type: none"> <li>Environment, Energy and Science Group (including the Climate Change and Sustainability Division)</li> <li>Water Group</li> </ul> </li> </ul>	<p>Section 6.3 (government agency consultation)</p> <p>Section 6.4 (community consultation)</p> <p>Appendix I CSPS</p>
<ul style="list-style-type: none"> <li>Environment Protection Authority</li> </ul>	<p>Section 6.3</p>

Secretary's Environmental Assessment Requirement	Where addressed
– Fire and Rescue NSW	Section 6.3
– Transport for NSW (including the former Roads and Maritime Services)	Section 6.3
– Canterbury-Bankstown Council	Section 6.3
– Sydney Water	Section 6.3
• The EIS must describe the consultation process and the issues raised and identify where the design of the development has been amended in response to these issues. Where amendments have not been made to address an issue, a short explanation should be provided	Section 6.3