



Mr Robert Chambers  
BBC Consulting Planners  
PO BOX 438  
Broadway NSW 2007

Contact: Ashley Cheong  
Phone: 02 9228 2052  
Fax: 02 9228 6466  
Email: [ashley.cheong@planning.nsw.gov.au](mailto:ashley.cheong@planning.nsw.gov.au)  
Our ref: SSD-5041  
File: 12/01683

Dear Mr Chambers

**State Significant Development - Director General's Requirements  
Kings Park Waste Metal Recovery, Processing and Recycling Facility (SSD-5041)**

Following your request, the Department has reviewed the Director-General's requirements for the development and provides an updated and re-issued version.

Please note that these Director-General Requirement's (DGRs) are issued on the basis that the development is permissible with development consent. Prior to lodging the EIS, please confirm that the development is permissible under the relevant legislation.

Please note that the Department may alter these requirements at any time, and that you must consult further with the Department if you do not lodge a development application and EIS for the proposal within two years of the date of issue of these DGRs. The Department will review the EIS for the proposal carefully before putting it on public exhibition, and will require you to submit an amended EIS if it does not adequately address the DGRs.

I wish to emphasise the importance of effective and genuine community consultation and the need for proposals to proactively respond to the community's concerns. Accordingly a comprehensive, detailed and genuine community consultation and engagement process must be undertaken during preparation of the EIS. This process must ensure that the community is both informed of the proposal and is actively engaged in issues of concern to them. Sufficient information must be provided to the community so that it has a good understanding of what is being proposed and of the potential impacts.

Your proposal may require a separate approval under Commonwealth *Environment Protection Biodiversity Conservation Act 1999* (EPBC Act). If an EPBC Act approval is required, I would appreciate it if you would advise the Department accordingly, as the Commonwealth approval process may be integrated into the NSW approval process, and supplementary DGR's may need to be issued.

I would appreciate it if you would contact the Department at least two week before you propose to submit the DA and EIS for the development. This will enable the Department to:

- confirm the applicable fee (see Division 1AA, Part 15 of the *Environmental Planning and Assessment Regulation 2000*); and
- determine the number of copies (hard-copy and CD-ROM) of the EIS required for review.

If you have any enquiries about these requirements, please contact Mr. Ashley Cheong on the details above.

Yours sincerely



Chris Ritchie

23/12/13

**Acting Director**

**Industry, Key Sites and Social Projects**  
as the Director-General's nominee

# Director General's Environmental Assessment Requirements

## Section 78A(8A) of the *Environmental Planning and Assessment Act*

### State Significant Development

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Application Number</b>   | SSD-5041                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Development</b>          | <p>Expansion of the existing waste metal recovery and recycling facility in Blacktown which includes:</p> <ul style="list-style-type: none"><li>• Increasing the processing capacity from 90,000 tonnes per annum to 350,000 tonnes per annum of waste metal;</li><li>• The use of the adjoining site to the east (No. 23-43 Tattersall Road, Kings Park);</li><li>• Modifications to the site layout and alterations to existing buildings;</li><li>• Improvement works to vehicular access to the site and internal roads; and</li><li>• Construction of ancillary infrastructure.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Location</b>             | 45 Tattersall Road (Lot 5 / DP 7086) and 23-43 Tattersall Road (Lot 2 / DP 550522), Kings Park in the Blacktown local government area                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Applicant</b>            | Sell and Parker Pty Ltd                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Date of Issue</b>        | December 2013                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>General Requirements</b> | <p>The Environmental Impact Statement (EIS) must meet the minimum form and content requirements in clauses 6 and 7 of Schedule 2 of the <i>Environmental Planning and Assessment Regulation 2000</i>.</p> <p>In addition, the EIS must include a:</p> <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><li>– justification for the proposed development;</li><li>– likely staging of the development - including construction, and operational stage/s;</li><li>– likely interactions between the development and existing, approved and proposed operations in the vicinity of the site;</li><li>– plans of any proposed building works;</li></ul></li><li>• consideration of all relevant environmental planning instruments, including identification and justification of any inconsistencies with these instruments;</li><li>• risk assessment of the potential environmental impacts of the development, identifying the key issues for further assessment;</li><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, <u>using sufficient baseline data</u>;</li><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; and</li><li>– a description of the measures that would be implemented to avoid, minimise and if necessary, offset the potential impacts of</li></ul></li></ul> |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   | <p>the development, including proposals for adaptive management and/or contingency plans to manage any significant risks to the environment; and</p> <ul style="list-style-type: none"> <li>consolidated summary of all the proposed environmental management and monitoring measures, highlighting commitments included in the EIS.</li> </ul> <p>The EIS must also be accompanied by a report from a qualified quantity surveyor providing:</p> <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> <li>a close estimate of the jobs that will be created by the development during the construction and operational phases of the development; and</li> <li>certification that the information provided is accurate at the date of preparation.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Key issues</b> | <p>The EIS must address the following specific matters:</p> <ul style="list-style-type: none"> <li><b>Waste Management</b> – including: <ul style="list-style-type: none"> <li>a detailed description of the likely waste streams that would be handled/stored/disposed of at the facility;</li> <li>details of how this waste would be stored and handled on site, and transported to and from the site;</li> <li>details of the location and size of stockpiles of unprocessed and processed recycled waste on the site;</li> <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 2007</i>;</li> <li>a description of the technology and timeframes for processing waste and the quality control measures that would be implemented; and</li> <li>details of the potential impacts associated with treating, storing, using and disposing of this waste and waste products.</li> </ul> </li> <li><b>Air Quality and Odour</b> – including: <ul style="list-style-type: none"> <li>a quantitative assessment of the potential air quality and odour impacts of the development on surrounding landowners;</li> <li>a description of how the handling, transporting, production and storage of waste materials would be managed to control dust generation; and</li> <li>details of all proposed mitigation, management and monitoring measures.</li> </ul> </li> <li><b>Noise and Vibration</b> – including: <ul style="list-style-type: none"> <li>construction, operation and traffic noise;</li> <li>impacts from explosions; and</li> <li>details of all proposed mitigation, management and monitoring measures.</li> </ul> </li> <li><b>Transport, Access and Parking</b> – including: <ul style="list-style-type: none"> <li>predictions of the traffic volumes likely to be generated during construction and operation;</li> <li>an assessment of the impacts of this traffic on the safety, capacity and efficiency of the surrounding road network;</li> </ul> </li> </ul> |

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                            | <ul style="list-style-type: none"> <li>– modelling of key intersections (including any nearby existing or proposed developments) and details of truck routes;</li> <li>– an assessment of the need for upgrading or road improvement works;</li> <li>– details of the availability of non-car travel modes and measures to encourage greater use of these travel modes; and</li> <li>– access and parking.</li> </ul> <ul style="list-style-type: none"> <li>• <b>Soil and Water</b> – including: <ul style="list-style-type: none"> <li>– a detailed water balance for the development, outlining the measures to minimise water use and any potential for a sustainable water supply;</li> <li>– wastewater predictions, and the measures that would be implemented to treat, reuse and/or dispose of this water;</li> <li>– the proposed erosion and sediment controls during construction of the post fragmentation processing structure and any other proposed structures;</li> <li>– the proposed stormwater management system; and</li> <li>– consideration of the potential salinity, contamination, flooding and acid sulfate soil impacts of the development.</li> </ul> </li> <li>• <b>Hazards and Risks</b> – including an assessment of the hazards and risks on the site to people and the environment (and the potential for off site impacts).</li> <li>• <b>Fire and incident management</b> – including technical information on the environmental protection equipment to be installed on the premises such as air, water and noise controls, spill cleanup equipment and fire management and containment measures.</li> <li>• <b>Greenhouse Gas</b> – including: <ul style="list-style-type: none"> <li>– a quantitative assessment of the potential scope 1 and 2 greenhouse gas emissions of the development, and a qualitative assessment of the potential impacts of these emissions on the environment; and</li> <li>– a detailed description of the measure that would be implemented on site to ensure that the development is energy efficient.</li> </ul> </li> <li>• <b>Visual</b> – including: <ul style="list-style-type: none"> <li>– an assessment of the potential visual impacts of the development on the amenity of the surrounding area; and</li> <li>– a detailed description of the measures that would be implemented to minimise the visual impacts of the development, including the design features, landscaping and measures to minimise the lighting and signage impacts of the development.</li> </ul> </li> <li>• <b>Design</b> – including details of building design and fit-out for the post fragmentation processing structure and any other proposed structures to be used for the handling of chemicals (e.g. bunding and tanker loading/unloading areas).</li> </ul> |
| <b>Plans and Documents</b> | 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Consultation</b>        | During the preparation of the EIS, you must consult with the relevant local, State or Commonwealth Government authorities, service providers, community groups and affected landowners.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                           | <p>In particular you must consult with:</p> <ul style="list-style-type: none"> <li>• Blacktown City Council;</li> <li>• NSW Environment Protection Authority;</li> <li>• NSW Office of Water;</li> <li>• NSW Roads and Maritime Services;</li> <li>• Sydney Water; and</li> <li>• WorkCover NSW.</li> </ul> <p>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.</p> |
| <b>Further consultation after 2 years</b> | If you do not lodge an EIS for the development within 2 years of the issue date of these DGRs, you must consult with the Director General in relation to the requirements for lodgement.                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>References</b>                         | The assessment of the key issues listed above must take into account relevant guidelines, policies, and plans as identified. While not exhaustive, the following attachment contains a list of some of the guidelines, policies, and plans that may be relevant to the environmental assessment of this development.                                                                                                                                                                                                                                                                     |

## **ATTACHMENT 1**

### **Technical and Policy Guidelines**

The following guidelines may assist in the preparation of the Environmental Impact Statement. This list is not exhaustive and not all of these guidelines may be relevant to your proposal.

Many of these documents can be found on the following websites:

<http://www.planning.nsw.gov.au>  
<http://www.bookshop.nsw.gov.au>  
<http://www.publications.gov.au>  
<http://www.blacktown.nsw.gov.au>

## **Policies, Guidelines and Plans**

| <b>Aspect</b>              | <b>Policy /Methodology</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Waste</b>               | <a href="#">Waste Avoidance and Resource Recovery Strategy 2007 (DECC)</a><br><a href="#">Waste Classification Guidelines (DECC)</a><br><a href="#">Environmental Guidelines: Assessment Classification and Management of Non-Liquid and Liquid Waste (NSW EPA)</a><br><a href="#">Environmental guidelines: Composting and Related Organics Processing Facilities (DEC)</a><br><a href="#">Environmental guidelines: Use and Disposal of Biosolid Products (NSW EPA)</a><br><a href="#">Composts, soil conditioners and mulches (Standards Australia, AS 4454)</a> |
| <b>Air Quality</b>         | <a href="#">Protection of the Environment Operations (Clean Air) Regulation 2010</a><br><a href="#">Approved Methods for the Modelling and Assessment of Air Pollutants in NSW (DEC)</a><br><a href="#">Approved Methods for the Sampling and Analysis of Air Pollutants in NSW (DEC)</a>                                                                                                                                                                                                                                                                           |
| <b>Odour</b>               | <a href="#">Technical Framework: Assessment and Management of Odour from Stationary Sources in NSW (DEC)</a><br><a href="#">Technical Notes: Assessment and Management of Odour from Stationary Sources in NSW (DEC)</a>                                                                                                                                                                                                                                                                                                                                            |
| <b>Noise and Vibration</b> | <a href="#">Assessing Vibration: a technical guide (DEC)</a><br><a href="#">NSW Industrial Noise Policy (DECC)</a><br><a href="#">Environmental Criteria for Road Traffic Noise (NSW EPA)</a><br><a href="#">Environmental Noise Control Manual (DECC)</a><br><a href="#">Interim Construction Noise Guideline (DECC)</a><br><a href="#">Technical basis for guidelines to minimise annoyance due to blasting overpressure and ground vibration (ANZEC)</a>                                                                                                         |
| <b>Transport</b>           | <a href="#">Guide to Traffic Generating Development (RTA)</a><br><a href="#">Road Design Guide (RTA)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Soil and Water</b>      | <a href="#">National Water Quality Management Strategy: Water quality management - an outline of the policies (ANZECC/ARMCANZ)</a><br><a href="#">National Water Quality Management Strategy: Policies and principles - a reference document (ANZECC/ARMCANZ)</a>                                                                                                                                                                                                                                                                                                   |
| <i>Surface Water</i>       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

|                        |                                                                                                                               |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------|
|                        | National Water Quality Management Strategy: Implementation guidelines (ANZECC/ARMCANZ)                                        |
|                        | National Water Quality Management Strategy: Australian Guidelines for Fresh and Marine Water Quality (ANZECC/ARMCANZ)         |
|                        | National Water Quality Management Strategy: Australian Guidelines for Water Quality Monitoring and Reporting (ANZECC/ARMCANZ) |
|                        | Using the ANZECC Guideline and Water Quality Objectives in NSW (DEC)                                                          |
|                        | State Water Management Outcomes Plan                                                                                          |
|                        | NSW Government Water Quality and River Flow Environmental Objectives (DECC)                                                   |
|                        | Approved Methods for the Sampling and Analysis of Water Pollutants in NSW (DEC)                                               |
|                        | Managing Urban Stormwater: Soils & Construction (Landcom)                                                                     |
|                        | Managing Urban Stormwater: Treatment Techniques (DECC)                                                                        |
|                        | Managing Urban Stormwater: Source Control (DECC)                                                                              |
|                        | Technical Guidelines: Bunding & Spill Management (DECC)                                                                       |
|                        | Floodplain Development Manual (DIPNR)                                                                                         |
|                        | Floodplain Risk Management Guideline (DECC)                                                                                   |
|                        | A Rehabilitation Manual for Australian Streams (LWRRDC and CRCCH)                                                             |
|                        | Technical Guidelines: Bunding & Spill Management (DECC)                                                                       |
|                        | Environmental Guidelines: Use of Effluent by Irrigation (DECC)                                                                |
| Groundwater            | National Water Quality Management Strategy Guidelines for Groundwater Protection in Australia (ARMCANZ/ANZECC)                |
|                        | NSW State Groundwater Policy Framework Document (DLWC)                                                                        |
|                        | NSW State Groundwater Quality Protection Policy (DLWC)                                                                        |
|                        | NSW State Groundwater Quantity Management Policy (DLWC) Draft                                                                 |
|                        | The NSW State Groundwater Dependent Ecosystem Policy (DLWC)                                                                   |
|                        | Guidelines for the Assessment and Management of Groundwater Contamination (DECC) Draft                                        |
| Soil                   | Australian and New Zealand Guidelines for the Assessment and Management of Contaminated Sites (ANZECC & NHMRC)                |
|                        | National Environment Protection (Assessment of Site Contamination) Measure 1999 (NEPC)                                        |
|                        | Draft Guidelines for the Assessment & Management of Groundwater Contamination (DECC)                                          |
|                        | State Environmental Planning Policy No. 55 – Remediation of Land                                                              |
|                        | Managing Land Contamination – Planning Guidelines SEPP 55 – Remediation of Land (DOP)                                         |
| <b>Hazard and Risk</b> |                                                                                                                               |
|                        | AS/NZS 4360:2004 Risk Management                                                                                              |
|                        | HB 203:2006 Environmental Risk Management – Principals and Process                                                            |
|                        | State Environmental Planning Policy No 33 – Hazardous and Offensive Development (SEPP 33)                                     |
|                        | Planning Advisory Paper No. 6 – Guidelines for Hazardous Analysis (DUAP)                                                      |
|                        | Planning Advisory Paper No. 4 – Risk Criteria for Land Use Safety Planning (DUAP)                                             |
| <b>Greenhouse Gas</b>  |                                                                                                                               |
|                        | AGO Factors and Methods Workbook (AGO)                                                                                        |
|                        | Guidelines for Energy Savings Action Plans (DEUS, 2005)                                                                       |
| <b>Visual</b>          |                                                                                                                               |
|                        | Control of Obtrusive Effects of Outdoor Lighting (Standards Australia, AS 4282)                                               |
|                        | State Environmental Planning Policy No 64 - Advertising and Signage                                                           |

**ATTACHMENT 2**

**Public Authority Responses to Request for Key Issues**



Mr David Kitto  
Major Projects Assessment  
NSW Department of Planning & Infrastructure  
GPO Box 39  
SYDNEY NSW 2000

Attention: Nicholas Hall

Notice Number 1503269  
File Number LIC06/43-03  
Date 20-Dec-2011

**RE: INCREASE IN HANDLING CAPACITY OF SELL & PARKER Pty Ltd EPL 11555**

I refer to your request for the Office of Environment and Heritage's (OEH) requirements for the environmental impact statement (EIS) in regard to the above proposal received by OEH on 7 December 2011.

Please note that, although the Environment Protection Authority ("EPA") is now a part of the OEH, certain statutory functions and powers continue to be exercised in the name of the EPA.

OEH has identified the information it requires to issue its general terms of approval in Attachment A. In summary, OEH's key information requirements for the proposal include an adequate assessment of:

1. Air pollution - impact on neighbouring properties from smoke and odours
2. Noise - impact on neighbouring properties
3. Dust - impact on neighbouring properties
4. Water - treatment and disposal and storage of contaminated waste water
5. Vibration - impact on neighbouring properties

Please contact Andrew Reece on (02) 9995 5770 if you have any questions about this letter or require further information.

Yours sincerely

Molly Tregoning  
Unit Head  
Waste Operations

(by Delegation)

## **ATTACHMENT A: EIS REQUIREMENTS FOR**

### **Increased handling capacity of Sell and Parker Pty Ltd Metal Recyclers**

#### **How to use these requirements**

The OEH requirements have been structured in accordance with the (former) DIPNR EIS Guidelines, as follows. It is suggested that the EIS follow the same structure:

- A. Executive summary
- B. The proposal
- C. The location
- D. Identification and prioritisation of issues
- E. The environmental issues
- F. List of approvals and licences
- G. Compilation of mitigation measures
- H. Justification for the proposal

## **A Executive summary**

---

The executive summary should include a brief discussion of the extent to which the proposal achieves identified environmental outcomes.

## **B The proposal**

---

### **1. Objectives of the proposal**

- The objectives of the proposal should be clearly stated and refer to:
  - a) the size and type of the operation, the nature of the processes and the products, by-products and wastes produced
  - b) a life cycle approach to the production, use or disposal of products
  - c) the anticipated level of performance in meeting required environmental standards and cleaner production principles
  - d) the staging and timing of the proposal and any plans for future expansion
  - e) the proposal's relationship to any other industry or facility.

### **2. Description of the proposal**

#### **General**

- Outline the production process including:
  - a) the environmental "mass balance" for the process – quantify in-flow and out-flow of materials, any points of discharge to the environment and their respective destinations (sewer, stormwater, atmosphere, recycling, landfill etc)
  - b) any life-cycle strategies for the products.
- Outline cleaner production actions, including:
  - a) measures to minimise waste (typically through addressing source reduction)
  - b) proposals for use or recycling of by-products
  - c) proposed disposal methods for solid and liquid waste
  - d) air management systems including all potential sources of air emissions, proposals to re-use or treat emissions, emission levels relative to relevant standards in regulations, discharge points
  - e) water management system including all potential sources of water pollution, proposals for re-use, treatment etc, emission levels of any wastewater discharged, discharge points, summary of options explored to avoid a discharge, reduce its frequency or reduce its impacts, and rationale for selection of option to discharge.
  - f) soil contamination treatment and prevention systems.
- Outline construction works including:
  - a) actions to address any existing soil contamination

- b) any earthworks or site clearing; re-use and disposal of cleared material (including use of spoil on-site)
- c) construction timetable and staging; hours of construction; proposed construction methods
- d) environment protection measures, including noise mitigation measures, dust control measures and erosion and sediment control measures.

### **Air**

- Identify all sources of air emissions from the development.

*Note: emissions can be classed as either:*

- *point (eg emissions from stack or vent) or*
- *fugitive (from wind erosion, leakages or spillages, associated with loading or unloading, conveyors, storage facilities, plant and yard operation, vehicle movements (dust from road, exhausts, loss from load), land clearing and construction works).*
- Provide details of the project that are essential for predicting and assessing air impacts including:
  - a) the quantities and physio-chemical parameters (eg concentration, moisture content, bulk density, particle sizes etc) of materials to be used, transported, produced or stored
  - b) an outline of procedures for handling, transport, production and storage
  - c) the management of solid, liquid and gaseous waste streams with potential for significant air impacts.

### **Noise and vibration**

- Identify all noise sources from the development (including both construction and operation phases). Detail all potentially noisy activities including ancillary activities such as transport of goods and raw materials.
- Specify the times of operation for all phases of the development and for all noise producing activities.
- For projects with a significant potential traffic noise impact provide details of road alignment (include gradients, road surface, topography, bridges, culverts etc), and land use along the proposed road and measurement locations – diagrams should be to a scale sufficient to delineate individual residential blocks.

### **Water**

- Provide details of the project that are essential for predicting and assessing impacts to waters:
  - a) including the quantity and physio-chemical properties of all potential water pollutants and the risks they pose to the environment and human health, including the risks they pose to Water Quality Objectives in the ambient waters (as defined on [www.environment.nsw.gov.au/ieo](http://www.environment.nsw.gov.au/ieo), using technical criteria derived from the Australian and New Zealand Guidelines for Fresh and Marine Water Quality, ANZECC 2000)
  - b) the management of discharges with potential for water impacts
  - c) drainage works and associated infrastructure; land-forming and excavations; working capacity of structures; and water resource requirements of the proposal.

- Outline site layout, demonstrating efforts to avoid proximity to water resources (especially for activities with significant potential impacts eg effluent ponds) and showing potential areas of modification of contours, drainage etc.
- Outline how total water cycle considerations are to be addressed showing total water balances for the development (with the objective of minimising demands and impacts on water resources). Include water requirements (quantity, quality and source(s)) and proposed storm and wastewater disposal, including type, volumes, proposed treatment and management methods and re-use options.

### **Waste and chemicals**

- Provide details of the quantity and type of both liquid waste and non-liquid waste generated, handled, processed or disposed of at the premises. Waste must be classified according to the *Environmental Guidelines: Assessment, Classification and Management of Liquid and Non-liquid Wastes* (NSW EPA, 1999).
- Provide details of liquid waste and non-liquid waste management at the facility, including:
  - a) the transportation, assessment and handling of waste arriving at or generated at the site
  - b) any stockpiling of wastes or recovered materials at the site
  - c) any waste processing related to the facility, including reuse, recycling, reprocessing (including composting) or treatment both on- and off-site
  - d) the method for disposing of all wastes or recovered materials at the facility
  - e) the emissions arising from the handling, storage, processing and reprocessing of waste at the facility
  - f) the proposed controls for managing the environmental impacts of these activities.
- Provide details of spoil disposal with particular attention to:
  - a) the quantity of spoil material likely to be generated
  - b) proposed strategies for the handling, stockpiling, reuse/recycling and disposal of spoil
  - c) the need to maximise reuse of spoil material in the construction industry
  - d) identification of the history of spoil material and whether there is any likelihood of contaminated material, and if so, measures for the management of any contaminated material
  - e) designation of transportation routes for transport of spoil.
- Provide details of procedures for the assessment, handling, storage, transport and disposal of all hazardous and dangerous materials used, stored, processed or disposed of at the site, in addition to the requirements for liquid and non-liquid wastes.
- Provide details of the type and quantity of any chemical substances to be used or stored and describe arrangements for their safe use and storage.
- Reference should be made to the *Environmental Guidelines: Assessment, Classification and Management of Liquid and Non-Liquid Wastes* (NSW EPA, 1999).

### **ESD**

- Demonstrate that the planning process and any subsequent development incorporates objectives and mechanisms for achieving ESD, including:

an assessment of a range of options available for use of the resource, including the benefits of each option to future generations

- f) proper valuation and pricing of environmental resources
- g) identification of who will bear the environmental costs of the proposal.

### **3. Rehabilitation**

- Outline considerations of site maintenance, and proposed plans for the final condition of the site (ensuring its suitability for future uses).

### **4. Consideration of alternatives and justification for the proposal**

- Consider the environmental consequences of adopting alternatives, including alternative:
  - a) sites and site layouts
  - b) access modes and routes
  - c) materials handling and production processes
  - d) waste and water management
  - e) impact mitigation measures
  - f) energy sources
- Selection of the preferred option should be justified in terms of:
  - a) ability to satisfy the objectives of the proposal
  - b) relative environmental and other costs of each alternative
  - c) acceptability of environmental impacts and contribution to identified environmental objectives
  - d) acceptability of any environmental risks or uncertainties
  - e) reliability of proposed environmental impact mitigation measures
  - f) efficient use (including maximising re-use) of land, raw materials, energy and other resources.

## **C The location**

---

### **1. General**

- Provide an overview of the affected environment to place the proposal in its local and regional environmental context including:
  - a) meteorological data (eg rainfall, temperature and evaporation, wind speed and direction)
  - b) topography (landform element, slope type, gradient and length)
  - c) surrounding land uses (potential synergies and conflicts)
  - d) geomorphology (rates of landform change and current erosion and deposition processes)
  - e) soil types and properties (including erodibility; engineering and structural properties; dispersibility; permeability; presence of acid sulfate soils and potential acid sulfate soils)
  - f) ecological information (water system habitat, vegetation, fauna)

- g) availability of services and the accessibility of the site for passenger and freight transport.

## **2. Air**

- Describe the topography and surrounding land uses. Provide details of the exact locations of dwellings, schools and hospitals. Where appropriate provide a perspective view of the study area such as the terrain file used in dispersion models.
- Describe surrounding buildings that may effect plume dispersion.
- Provide and analyse site representative data on following meteorological parameters:
  - a) temperature and humidity
  - b) rainfall, evaporation and cloud cover
  - c) wind speed and direction
  - d) atmospheric stability class
  - e) mixing height (the height that emissions will be ultimately mixed in the atmosphere)
  - f) air re-circulation.

## **3. Noise and vibration**

- Identify any noise sensitive locations likely to be affected by activities at the site, such as other businesses, residential properties, schools, churches, and hospitals. Typically the location of any noise sensitive locations in relation to the site should be included on a map of the locality.
- Identify the land use zoning of the site and the immediate vicinity and the potentially affected areas
- Identify if the activities on the Premises will affect the identified locations.

## **4. Water**

- Describe the catchment including proximity of the development to any waterways and provide an assessment of their sensitivity/significance from a public health, ecological and/or economic perspective. The Water Quality and River Flow Objectives on the website: [www.environment.nsw.gov.au/ieo](http://www.environment.nsw.gov.au/ieo) should be used to identify the agreed environmental values and human uses for any affected waterways. This will help with the description of the local and regional area.

## **5. Soil Contamination Issues**

- Provide details of site history – if earthworks are proposed, this needs to be considered with regard to possible soil contamination, for example if the site was previously a landfill site or if irrigation of effluent has occurred.

## **D Identification and prioritisation of issues / scoping of impact assessment**

---

- Provide an overview of the methodology used to identify and prioritise issues. The methodology should take into account:
  - a) relevant NSW government guidelines
  - b) industry guidelines
  - c) EISs for similar projects
  - d) relevant research and reference material
  - e) relevant preliminary studies or reports for the proposal
  - f) consultation with stakeholders.
- Provide a summary of the outcomes of the process including:
  - a) all issues identified including local, regional and global impacts (eg increased/ decreased greenhouse emissions)
  - b) key issues which will require a full analysis (including comprehensive baseline assessment)
  - c) issues not needing full analysis though they may be addressed in the mitigation strategy
  - d) justification for the level of analysis proposed (the capacity of the proposal to give rise to high concentrations of pollution compared with the ambient environment or environmental outcomes is an important factor in setting the level of assessment).

## **E The environmental issues**

---

### **1. General**

- The potential impacts identified in the scoping study need to be assessed to determine their significance, particularly in terms of achieving environmental outcomes, and minimising environmental pollution.
- Identify gaps in information and data relevant to significant impacts of the proposal and any actions proposed to fill those information gaps so as to enable development of appropriate management and mitigation measures. This is in accordance with ESD requirements.

*Note: The level of detail should match the level of importance of the issue in decision making which is dependent on the environmental risk.*

### **Describe baseline conditions**

- Provide a description of existing environmental conditions for any potential impacts.

### ***Assess impacts***

- For any potential impacts relevant for the assessment of the proposal provide a detailed analysis of the impacts of the proposal on the environment including the cumulative impact of the proposal on the receiving environment especially where there are sensitive receivers.
- Describe the methodology used and assumptions made in undertaking this analysis (including any modelling or monitoring undertaken) and indicate the level of confidence in the predicted outcomes and the resilience of the environment to cope with the predicted impacts.
- The analysis should also make linkages between different areas of assessment where necessary to enable a full assessment of environmental impacts eg assessment of impacts on air quality will often need to draw on the analysis of traffic, health, social, soil and/or ecological systems impacts; etc.
- The assessment needs to consider impacts at all phases of the project cycle including: exploration (if relevant or significant), construction, routine operation, start-up operations, upset operations and decommissioning if relevant.
- The level of assessment should be commensurate with the risk to the environment.

### ***Describe management and mitigation measures***

- Describe any mitigation measures and management options proposed to prevent, control, abate or mitigate identified environmental impacts associated with the proposal and to reduce risks to human health and prevent the degradation of the environment. This should include an assessment of the effectiveness and reliability of the measures and any residual impacts after these measures are implemented.
- Proponents are expected to implement a 'reasonable level of performance' to minimise environmental impacts. The proponent must indicate how the proposal meets reasonable levels of performance. For example, reference technology based criteria if available, or identify good practice for this type of activity or development. A 'reasonable level of performance' involves adopting and implementing technology and management practices to achieve certain pollutant emissions levels in economically viable operations. Technology-based criteria evolve gradually over time as technologies and practices change.
- Use environmental impacts as key criteria in selecting between alternative sites, designs and technologies, and to avoid options having the highest environmental impacts.
- Outline any proposed approach (such as an Environmental Management Plan) that will demonstrate how commitments made in the EIS will be implemented. Areas that should be described include:
  - a) operational procedures to manage environmental impacts
  - b) monitoring procedures
  - c) training programs
  - d) community consultation
  - e) complaint mechanisms including site contacts
  - f) strategies to use monitoring information to improve performance
  - g) strategies to achieve acceptable environmental impacts and to respond in event of exceedences.

## 1. Air

### ***Describe baseline conditions***

- Provide a description of existing air quality and meteorology, using existing information and site representative ambient monitoring data. This description should include the following parameters
  - a. PM10
  - b. Nickel and nickel compounds
  - c. Lead
  - d. Arsenic and compounds
  - e. Mercury organic
  - f. Mercury inorganic
  - g. Cadmium and cadmium compounds
  - h. Copper dusts and mists
  - i. Copper fumes
  - j. Chromium III
  - k. Chromium V

### ***Assess impacts***

- Identify all pollutants of concern and estimate emissions by quantity (and size for particles), source and discharge point.
- Estimate the resulting ground level concentrations of all pollutants. Where necessary (eg potentially significant impacts and complex terrain effects), use an appropriate dispersion model to estimate ambient pollutant concentrations. Discuss choice of model and parameters with the OEH.
- Describe the effects and significance of pollutant concentration on the environment, human health, amenity and regional ambient air quality standards or goals.
- Describe the contribution that the development will make to regional and global pollution, particularly in sensitive locations.
- For potentially odorous emissions provide the emission rates in terms of odour units (determined by techniques compatible with EPA / OEH procedures). Use sampling and analysis techniques for individual or complex odours and for point or diffuse sources, as appropriate.

*Note: With dust and odour, it may be possible to use data from existing similar activities to generate emission rates.*

- Reference should be made to *Approved Methods and Guidance for the Modelling and Assessment of Air Pollutants in NSW* (EPA, 2001); *Approved Methods for the Sampling and Analysis of Air Pollutants in NSW* (EPA, 2001); *Assessment and Management of Odour from Stationary Sources in NSW* (EPA, 2001); *Technical Notes: Draft Policy: Assessment and Management of Odour from Stationary Sources in NSW* (EPA, 2001); *Load Calculation Protocol for use by holders of NSW Environment Protection Licences when calculating Assessable Pollutant Loads* (EPA, 1999).



Office of  
Environment  
& Heritage

- c) determination of the amenity criterion for each receiver
- d) determination of the appropriate sleep disturbance limit.
- Maximum noise levels during night-time period (10pm-7am) should be assessed to analyse possible effects on sleep. Where LA1(1min) noise levels from the site are less than 15 dB above the background LA90 noise level, sleep disturbance impacts are unlikely. Where this is not the case, further analysis is required. Additional guidance is provided in Appendix B of the *NSW Environmental Criteria for Road Traffic Noise*.
- Determine expected noise level and noise character (eg tonality, impulsiveness, vibration, etc) likely to be generated from noise sources during:
  - a) site establishment
  - b) construction
  - c) operational phases
  - d) transport including traffic noise generated by the proposal
  - e) other services.

*Note: The noise impact assessment report should include noise source data for each source in 1/1 or 1/3 octave band frequencies including methods for references used to determine noise source levels. Noise source levels and characteristics can be sourced from direct measurement of similar activities or from literature (if full references are provided).*

- Determine the noise levels likely to be received at the most sensitive locations (these may vary for different activities at each phase of the development). Potential impacts should be determined for any identified significant adverse meteorological conditions. Predicted noise levels under calm conditions may also aid in quantifying the extent of impact where this is not the most adverse condition.
- The noise impact assessment report should include:
  - a) a plan showing the assumed location of each noise source for each prediction scenario
  - b) a list of the number and type of noise sources used in each prediction scenario to simulate all potential significant operating conditions on the site
  - c) any assumptions made in the predictions in terms of source heights, directivity effects, shielding from topography, buildings or barriers, etc
  - d) methods used to predict noise impacts including identification of any noise models used. Where modelling approaches other than the use of the ENM or SoundPlan computer models are adopted, the approach should be appropriately justified and validated
  - e) an assessment of appropriate weather conditions for the noise predictions including reference to any weather data used to justify the assumed conditions
  - f) the predicted noise impacts from each noise source as well as the combined noise level for each prediction scenario under any identified significant adverse weather conditions as well as calm conditions where appropriate
  - g) for developments where a significant level of noise impact is likely to occur, noise contours for the key prediction scenarios should be derived
  - h) an assessment of the need to include modification factors as detailed in Section 4 of the *NSW Industrial Noise Policy*.

- Discuss the findings from the predictive modelling and, where relevant noise criteria have not been met, recommend additional mitigation measures.
- The noise impact assessment report should include details of any mitigation proposed including the attenuation that will be achieved and the revised noise impact predictions following mitigation.
- Where relevant noise/vibration criteria cannot be met after application of all feasible and cost effective mitigation measures the residual level of noise impact needs to be quantified by identifying:
  - a) locations where the noise level exceeds the criteria and extent of exceedence
  - b) numbers of people (or areas) affected
  - c) times when criteria will be exceeded
  - d) likely impact on activities (speech, sleep, relaxation, listening, etc)
  - e) change on ambient conditions
  - f) the result of any community consultation or negotiated agreement.
- For the assessment of existing and future traffic noise, details of data for the road should be included such as assumed traffic volume; percentage heavy vehicles by time of day; and details of the calculation process. These details should be consistent with any traffic study carried out in the EIS.
- Where blasting is intended an assessment in accordance with the *Technical Basis for Guidelines to Minimise Annoyance due to Blasting Overpressure and Ground Vibration* (ANZECC, 1990) should be undertaken. The following details of the blast design should be included in the noise assessment:
  - a) bench height, burden spacing, spacing burden ratio
  - b) blast hole diameter, inclination and spacing
  - c) type of explosive, maximum instantaneous charge, initiation, blast block size, blast frequency.

### ***Describe management and mitigation measures***

- Determine the most appropriate noise mitigation measures and expected noise reduction including both noise controls and management of impacts for both construction and operational noise. This will include selecting quiet equipment and construction methods, noise barriers or acoustic screens, location of stockpiles, temporary offices, compounds and vehicle routes, scheduling of activities, etc.
- For traffic noise impacts, provide a description of the ameliorative measures considered (if required), reasons for inclusion or exclusion, and procedures for calculation of noise levels including ameliorative measures. Also include, where necessary, a discussion of any potential problems associated with the proposed ameliorative measures, such as overshadowing effects from barriers. Appropriate ameliorative measures may include:
  - a) use of alternative transportation modes, alternative routes, or other methods of avoiding the new road usage
  - b) control of traffic (eg: limiting times of access or speed limitations)
  - c) resurfacing of the road using a quiet surface
  - d) use of (additional) noise barriers or bunds
  - e) treatment of the façade to reduce internal noise levels buildings where the night-time criteria is a major concern

- f) more stringent limits for noise emission from vehicles (i.e. using specially designed 'quite' trucks and/or trucks to use air bag suspension)
- g) driver education
- h) appropriate truck routes
- i) limit usage of exhaust breaks
- j) use of premium muffles on trucks
- k) reducing speed limits for trucks
- l) ongoing community liaison and monitoring of complaints
- m) phasing in the increased road use.

#### 4. Water

##### ***Describe baseline conditions***

- Describe existing surface and groundwater quality – an assessment needs to be undertaken for any water resource likely to be affected by the proposal and for all conditions (e.g. a wet weather sampling program is needed if runoff events may cause impacts).

*Note: Methods of sampling and analysis need to conform with an accepted standard (e.g. Approved Methods for the Sampling and Analysis of Water Pollutants in NSW (DECCW 2004) or be approved and analyses undertaken by accredited laboratories).*

- Provide site drainage details and surface runoff yield.
- State the ambient Water Quality and River Flow Objectives for the receiving waters. These refer to the community's agreed environmental values and human uses endorsed by the Government as goals for the ambient waters. These environmental values are published on the website: [www.environment.nsw.gov.au/ieo](http://www.environment.nsw.gov.au/ieo). The EIS should state the environmental values listed for the catchment and waterway type relevant to your proposal. NB: A consolidated and approved list of environmental values are not available for groundwater resources. Where groundwater may be affected the EIS should identify appropriate groundwater environmental values and justify the choice.
- State the indicators and associated trigger values or criteria for the identified environmental values. This information should be sourced from the ANZECC 2000 *Guidelines for Fresh and Marine Water Quality* (<http://www.deh.gov.au/water/quality/nwqms/volume1.html>) (Note that, as at 2004, the NSW Water Quality Objectives booklets and website contain technical criteria derived from the 1992 version of the ANZECC Guidelines. The Water Quality Objectives remain as Government Policy, reflecting the community's environmental values and long-term goals, but the technical criteria are replaced by the more recent ANZECC 2000 Guidelines). NB: While specific guidelines for groundwater are not available, the ANZECC 2000 Guidelines endorse the application of the trigger values and decision trees as a tool to assess risk to environmental values in groundwater.
- State any locally specific objectives, criteria or targets, which have been endorsed by the government e.g. the Healthy Rivers Commission Inquiries ([www.hrc.nsw.gov.au](http://www.hrc.nsw.gov.au)) or the NSW Salinity Strategy (DLWC, 2000) ([www.dlwc.nsw.gov.au/care/salinity/#Strategy](http://www.dlwc.nsw.gov.au/care/salinity/#Strategy)).
- Where site specific studies are proposed to revise the trigger values supporting the ambient Water Quality and River Flow Objectives, and the results are to be used for regulatory purposes (e.g. to

assess whether a licensed discharge impacts on water quality objectives), then prior agreement from the OEH on the approach and study design must be obtained.

- Describe the state of the receiving waters and relate this to the relevant Water Quality and River Flow Objectives (i.e. are Water Quality and River Flow Objectives being achieved?). Proponents are generally only expected to source available data and information. However, proponents of large or high risk developments may be required to collect some ambient water quality / river flow / groundwater data to enable a suitable level of impact assessment. Issues to include in the description of the receiving waters could include:
  - a) lake or estuary flushing characteristics
  - b) specific human uses (e.g. exact location of drinking water offtake)
  - c) sensitive ecosystems or species conservation values
  - d) a description of the condition of the local catchment e.g. erosion levels, soils, vegetation cover, etc
  - e) an outline of baseline groundwater information, including, but not restricted to, depth to watertable, flow direction and gradient, groundwater quality, reliance on groundwater by surrounding users and by the environment
  - f) historic river flow data where available for the catchment.

### **Assess impacts**

- No proposal should breach clause 120 of the *Protection of the Environment Operations Act 1997* (i.e. pollution of waters is prohibited unless undertaken in accordance with relevant regulations).
- Identify and estimate the quantity of all pollutants that may be introduced into the water cycle by source and discharge point including residual discharges after mitigation measures are implemented.
- Include a rationale, along with relevant calculations, supporting the prediction of the discharges.
- Describe the effects and significance of any pollutant loads on the receiving environment. This should include impacts of residual discharges through modelling, monitoring or both, depending on the scale of the proposal. Determine changes to hydrology (including drainage patterns, surface runoff yield, flow regimes, wetland hydrologic regimes and groundwater).
- Describe water quality impacts resulting from changes to hydrologic flow regimes (such as nutrient enrichment or turbidity resulting from changes in frequency and magnitude of stream flow).
- Identify any potential impacts on quality or quantity of groundwater describing their source.
- Identify potential impacts associated with geomorphological activities with potential to increase surface water and sediment runoff or to reduce surface runoff and sediment transport. Also consider possible impacts such as bed lowering, bank lowering, instream siltation, floodplain erosion and floodplain siltation.
- Identify impacts associated with the disturbance of acid sulfate soils and potential acid sulfate soils.
- Containment of spills and leaks shall be in accordance with the technical guidelines section 'Bunding and Spill Management' of the *Authorised Officers Manual* (EPA, 1995) (<http://www.environment.nsw.gov.au/mao/bundingspill.htm>) and the most recent versions of the Australian Standards referred to in the Guidelines. Containment should be designed for no-discharge.
- The significance of the impacts listed above should be predicted. When doing this it is important to predict the ambient water quality and river flow outcomes associated with the proposal and to

demonstrate whether these are acceptable in terms of achieving protection of the Water Quality and River Flow Objectives. In particular the following questions should be answered:

- a) will the proposal protect Water Quality and River Flow Objectives where they are currently achieved in the ambient waters; and
  - b) will the proposal contribute towards the achievement of Water Quality and River Flow Objectives over time, where they are not currently achieved in the ambient waters.
- Consult with the OEH as soon as possible if a mixing zone is proposed (a mixing zone could exist where effluent is discharged into a receiving water body, where the quality of the water being discharged does not immediately meet water quality objectives. The mixing zone could result in dilution, assimilation and decay of the effluent to allow water quality objectives to be met further downstream, at the edge of the mixing zone). The OEH will advise the proponent under what conditions a mixing zone will and will not be acceptable, as well as the information and modelling requirements for assessment.

*Note: The assessment of water quality impacts needs to be undertaken in a total catchment management context to provide a wide perspective on development impacts, in particular cumulative impacts.*

- Where a licensed discharge is proposed, provide the rationale as to why it cannot be avoided through application of a reasonable level of performance, using available technology, management practice and industry guidelines.
- Where a licensed discharge is proposed, provide the rationale as to why it represents the best environmental outcome and what measures can be taken to reduce its environmental impact.
- Reference should be made to *Managing Urban Stormwater: Soils and Construction* (Landcom, 2004), *Guidelines for Fresh and Marine Water Quality* ANZECC 2000), *Environmental Guidelines: Use of effluent by Irrigation* (DECCW, 2004).

### ***Describe management and mitigation measures***

- Outline stormwater management to control pollutants at the source and contain them within the site. Also describe measures for maintaining and monitoring any stormwater controls.
- Outline erosion and sediment control measures directed at minimising disturbance of land, minimising water flow through the site and filtering, trapping or detaining sediment. Also include measures to maintain and monitor controls as well as rehabilitation strategies.
- Describe waste water treatment measures that are appropriate to the type and volume of waste water and are based on a hierarchy of avoiding generation of waste water; capturing all contaminated water (including stormwater) on the site; reusing/recycling waste water; and treating any unavoidable discharge from the site to meet specified water quality requirements.
- Outline pollution control measures relating to storage of materials, possibility of accidental spills (eg preparation of contingency plans), appropriate disposal methods, and generation of leachate.
- Describe hydrological impact mitigation measures including:
  - a) site selection (avoiding sites prone to flooding and waterlogging, actively eroding or affected by deposition)
  - b) minimising runoff
  - c) minimising reductions or modifications to flow regimes

- d) avoiding modifications to groundwater.
- Describe groundwater impact mitigation measures including:
  - a) site selection
  - b) retention of native vegetation and revegetation
  - c) artificial recharge
  - d) providing surface storages with impervious linings
  - e) monitoring program.
- Describe geomorphological impact mitigation measures including:
  - a) site selection
  - b) erosion and sediment controls
  - c) minimising instream works
  - d) treating existing accelerated erosion and deposition
  - e) monitoring program.
- Any proposed monitoring should be undertaken in accordance with the *Approved Methods for the Sampling and Analysis of Water Pollutants in NSW* (DECCW 2004).

## 5. Soils and contamination

### ***Describe baseline conditions***

- Provide any details (in addition to those provided in the location description - Section C) that are needed to describe the existing situation in terms of soil types and properties and soil contamination.

### ***Assess impacts***

- Identify any likely impacts resulting from the construction or operation of the proposal, including the likelihood of:
  - a) disturbing any existing contaminated soil
  - b) contamination of soil by operation of the activity
  - c) subsidence or instability
  - d) soil erosion
  - e) disturbing acid sulfate or potential acid sulfate soils.
- Reference should be made to *Contaminated Sites – Guidelines for Consultants Reporting on Contaminated Sites* (EPA, 1997); *Contaminated Sites – Guidelines on the duty to report contamination under the contaminated land management Act 1997*.

***Describe management and mitigation measures***

- Describe and assess the effectiveness or adequacy of any soil management and mitigation measures during construction and operation of the proposal including:
  - a) erosion and sediment control measures
  - b) proposals for site remediation – see *Managing Land Contamination, Planning Guidelines SEPP 55 – Remediation of Land* (Department of Urban Affairs and Planning and Environment Protection Authority, 1998)
  - c) proposals for the management of these soils – see *Assessing and Managing Acid Sulfate Soils*, Environment Protection Authority, 1995 (note that this is the only methodology accepted by the OEH).

**6. Waste and chemicals**

***Describe baseline conditions***

- Describe any existing waste or chemicals operations related to the proposal.

***Assess impacts***

- Assess the adequacy of proposed measures to minimise natural resource consumption and minimise impacts from the handling, transporting, storage, processing and reprocessing of waste and/or chemicals.
- Reference should be made to *Environmental Guidelines: Assessment, Classification and Management of Liquid and Non-Liquid Wastes* (EPA, 1999).

***Describe management and mitigation measures***

- Outline measures to minimise the consumption of natural resources.
- Outline measures to avoid the generation of waste and promote the re-use and recycling and reprocessing of any waste.
- Outline measures to support any approved regional or industry waste plans.

**7. Cumulative impacts**

- Identify the extent that the receiving environment is already stressed by existing development and background levels of emissions to which this proposal will contribute.
- Assess the impact of the proposal against the long term air, noise and water quality objectives for the area or region.
- Identify infrastructure requirements flowing from the proposal (eg water and sewerage services, transport infrastructure upgrades).
- Assess likely impacts from such additional infrastructure and measures reasonably available to the proponent to contain such requirements or mitigate their impacts (eg travel demand management strategies).

## **F. List of approvals and licences**

---

- Identify all approvals and licences required under environment protection legislation including details of all scheduled activities, types of ancillary activities and types of discharges (to air, land, water).

## **G. Compilation of mitigation measures**

---

- Outline how the proposal and its environmental protection measures would be implemented and managed in an integrated manner so as to demonstrate that the proposal is capable of complying with statutory obligations under OEHL licences or approvals (eg outline of an environmental management plan).
- The mitigation strategy should include the environmental management and cleaner production principles which would be followed when planning, designing, establishing and operating the proposal. It should include two sections, one setting out the program for managing the proposal and the other outlining the monitoring program with a feedback loop to the management program.

## **H. Justification for the Proposal**

---

- Reasons should be included which justify undertaking the proposal in the manner proposed, having regard to the potential environmental impacts.



**SC-RT9 - Staff Placement Notification**

This Notification must be completed and submitted to Service Centre on Staff's first day of duty.

**For Existing OEH Staff - complete Part A only****Part A****For new OEH Staff - complete Part A & B, (Part C is optional)****Placement Details**

Please tick appropriate box

- ☐ Existing staff  
 ☐ New staff  
 ☐ Transfer from Gov't Dep't (all constituent agencies)  
 ☐ Previously employed by OEH (all constituent agencies)  
 ☐ Previously employed by Gov't agency (broken service)

Surname

Given Names

For existing OEH employees

Employee Number

Is this placement in addition to current position?

☐ Yes☐ No**Position Details**

Group/Division

Branch/Section Unit

Position Title

Aurion Position Number

Is this a change of position number without recruitment action? ☐ Yes ☐ No

Classification/Grade

Salary

Commencement date

Remote Area Allowance

☐ No☐ Yes, without dependents☐ Yes, with dependents

Does your spouse receive the Remote Areas Allowance?

☐ Yes☐ No**Recruitment Details**

What recruitment action was undertaken for this staff placement?

☐ External Advert - specify OEH Advert No.☐ EOI - specify EOI Ref No.☐ Temporary Appointment / Employment Without Advertising or EOI (SC-RT3)☐ Eligibility List Activation - specify OEH Advert No.**Employment Details**Employment Type ☐ Permanent ☐ Temporary Appointment ☐ Temporary Employment ☐ Casual

If Temporary Appointment / Employment or Casual specify period:

From

To

Employment Status ☐ Full time ☐ Part TimeCitizenship Status ☐ Citizen ☐ Permanent Resident☐ Visa

Type of Visa

Date Visa Expires

For part time specify days of the week and hours to be worked:

|        | Proposed Working Hours |         |           |          |        |          |        |
|--------|------------------------|---------|-----------|----------|--------|----------|--------|
|        | Monday                 | Tuesday | Wednesday | Thursday | Friday | Saturday | Sunday |
| Week 1 | Hours                  | Hours   | hours     | Hours    | Hours  | Hours    | Hours  |
| Week 2 |                        |         |           |          |        |          |        |

Supervisor's Name

Supervisor's Signature

Date:

Contact Number

**Completed Form must be submitted on first day of duty to:**
 The Recruitment Team, Service Centre  
 Level 9, Hurstville OR  
 Fax: (02) 9585 6116

(electronic copies will not be accepted)

**Personnel Services - Service Centre use:**

Record adjusted by: \_\_\_\_\_ Checked by: \_\_\_\_\_ Pay period processed: \_\_\_\_\_





Office of  
Environment  
& Heritage

## Network Account Request Form

Please fax to the IT Service Desk:  
**02 9995 6633**

When completing the form, press TAB to move between fields.  
Do not press Enter.

### Important information

- This form must be approved by a Supervisor and completed in full.
- The IT Service Desk requires at least two working days to create the network account.
- Network access is granted as specified in *Employment details* (below).
- The network account is activated when a signed *Acceptance of Conditions of Network Use Form* is received by the IT Service Desk.
- Volunteers and Board members do not automatically receive an organisation email address.

### Employment details

|                 |                 |             |
|-----------------|-----------------|-------------|
| Last name:      | Middle initial: | First name: |
| Phone number:   | Fax number:     |             |
| Position title: | Division:       |             |
| Branch:         | Section/Region: |             |
| Unit/Area:      | Address:        |             |

Expected start date:

Permanent employee? ☐ Yes ☐ No If No, specify last day of employment / engagement:

Employee type ☐ Permanent ☐ Temporary ☐ Contractor ☐ Volunteer ☐ Work Experience ☐ Other

Employment located at a site within the organisation? ☐ Yes ☐ No

Access to the organisation's email required? ☐ Yes ☐ No

Access to a personal network U drive required? ☐ Yes ☐ No

Additional access required, e.g. shared Branch network drive? ☐ Yes ☐ No

If Yes, specify:

### Supervisor's approval

I approve this request.

|                  |                 |
|------------------|-----------------|
| Supervisor name: | Position title: |
| Division:        | Branch:         |
| Section/Region:  | Unit/Area:      |
| Signature:       | Date:           |



File No: MC-11-2620  
20 December 2011

Department of Planning  
GPO Box 39  
SYDNEY NSW 2001

Attention: Nick Hall

Dear Mr Hall,

Re: **State Significant Development – Director General's Requirements  
Kings Park Waste Metal Recovery Processing and Recycling Facility  
(Your Reference: SSD-5041)**

Reference is made to your letter received by Council on 6 December 2011 requesting Council review the Department of Planning and Infrastructure's draft Director General's Requirements (DGR's) for the abovementioned development.

Please be advised that Council has undertaken a preliminary review of the DGR's. In this regard, please find attached an updated list of key issues which has been attached to this letter and includes additional matters for consideration which Council would like to see addressed and included within the final Environmental Impact Statement.

Thank you for affording Council the opportunity to provide comments on the draft DGR's and it is trusted that the DPI will endeavour to ensure the Applicant addresses the above matters to Council's satisfaction. Please note that this letter is in no way to be perceived by the Department as an endorsement of the proposal, or a reflection that Council will not be making a further submission once the proposal is placed on formal public exhibition. Council would appreciate the opportunity to comment on the detailed plans as part of the public exhibition. Council also reserves the right to raise additional issues as deemed necessary upon exhibition of the final Environmental Impact Assessment.

Please do not hesitate to contact Pip Sanders on 9839 6104 should you wish to discuss this matter further.

Yours faithfully,



Judith Portelli  
Manager Development Services and Administration



## Planning & Infrastructure

Mr R Chambers  
BBC Consulting Planners  
PO BOX 438  
Broadway NSW 2007

Contact: Nick Hall  
Phone: 02 9228 6438  
Fax: 02 9228 6466  
Email: [nicholas.hall@planning.nsw.gov.au](mailto:nicholas.hall@planning.nsw.gov.au)  
Our ref: SSD-5041  
File:

Dear Mr Chambers

### **State Significant Development - Director General's Requirements Kings Park Waste Metal Recovery, Processing and Recycling Facility (SSD-5041)**

I have attached the Director General's environmental assessment requirements (DGRs) for the abovementioned project.

These requirements have been prepared in consultation with the relevant government agencies (see attachment 2), and are based on the information you have provided to date. Please note that the Director-General may alter these requirements at any time, and that these requirements will expire if you do not lodge a development application (DA) and environmental impact statement for the proposed facility within the next two years.

The Department will review the EIS for the proposed facility carefully before putting it on public exhibition, and will require you to submit an amended EIS if it does not adequately address the DGRs.

If the proposed facility is likely to have a significant impact on matters of National Environmental Significance, it will require an approval under the Commonwealth *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act). This approval would be in addition to any approvals required under NSW legislation and it is your responsibility to contact the Department of Sustainability, Environment, Water, Population and Communities to determine if an approval under the EPBC Act is required for your development (<http://www.environment.gov.au> or 6274 1111).

I would appreciate it if you would contact the Department at least two week before you propose to submit the DA and EIS for the proposed facility.

If you have any enquiries about these requirements, please contact Nick Hall on 02 9228 6438 or via email at [nicholas.hall@planning.nsw.gov.au](mailto:nicholas.hall@planning.nsw.gov.au).

Yours sincerely

David Kitto  
**Director, Mining & Industry Projects**  
**Major Projects Assessment**  
as delegate of the Director-General

# Director General's Environmental Assessment Requirements

## Section 78A(8A) of the *Environmental Planning and Assessment Act*

### State Significant Development

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Application Number</b>   | SSD-5041                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Development</b>          | Increase in handling capacity of existing waste metal recovery, processing and recycling facility at 45 Tattersall Road and use of 58 Tattersall Road for related equipment storage and employee parking                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Location</b>             | 45 Tattersall Road (Lot 5 / DP 7086) and 58 Tattersall Road (Lot 13 / DP 220004), Kings Park in the Blacktown local government area                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Applicant</b>            | Sell and Parker Pty Ltd                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Date of Issue</b>        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>General Requirements</b> | The Environmental Impact Statement (EIS) must meet the minimum form and content requirements in clauses 6 and 7 of Schedule 2 of the <i>Environmental Planning and Assessment Regulation 2000</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Key issues</b>           | <p>The EIS must address the following specific matters:</p> <ul style="list-style-type: none"> <li> <b>Hazards and Risks</b> – including an assessment of the hazards and risks associated with the proposal and the existing operations on site (and the potential for off site impacts) including details of hazardous materials used or kept on the premises during operation. The EIS shall also include a screening of potential hazards on and off site to determine the potential for off site impacts and any requirement for a Preliminary Hazard Analysis (PHA). Should potential off-site impacts be identified, a PHA must be prepared in accordance with the Department's <i>Hazardous Industry Planning Advisory Paper No. 6 Hazard analysis and Multi-level Risk Assessment</i>. The PHA should: <ul style="list-style-type: none"> <li>consider the risks from the facility (including explosion risks, traffic risks and cumulative risks, see below); and</li> <li>demonstrate that the proposal would comply with the criteria set out in <i>Hazardous Industry Planning Advisory Paper No 4 Risk Criteria for Land Use Safety Planning</i>.</li> <li><u>SEPP 33 - Hazardous and Offensive Development assessment</u></li> </ul> </li> <li> <b>Strategic and Statutory Context</b> – including: <ul style="list-style-type: none"> <li>detailed justification for the proposal and suitability of the sites to be developed; and</li> <li>demonstration that the proposal is generally consistent with all relevant environmental planning instruments, development control plans (DCPs), and justification for any inconsistencies.</li> <li><u>Blacktown City Council DCP – Part A (General) and Part E (Industrial)</u></li> <li><u>Draft Blacktown City Centre Masterplan to be exhibited in the near future. Should this plan be exhibited prior to the application being lodged, then this document should be a matter for consideration.</u></li> </ul> </li> <li> <b>Infrastructure</b> – demonstrating that suitable arrangements are in place to provide the necessary local and regional infrastructure for the proposal; </li> </ul> |

- **Transport, Access and Parking** – including:
  - predictions of the traffic volumes likely to be generated as a result of the proposal;
  - an assessment of the impacts of this traffic on the safety, capacity and efficiency of the surrounding road network, including details of truck routes and modelling of key intersections;
  - detailed plans of any proposed road/intersection upgrades;
  - demonstration that the existing access points can continue to be safely and efficiently utilised to access the sites;
  - details of the availability of non-car travel modes and measures to encourage greater use of these travel modes; ~~and~~
  - parking both for customers/trucks and employees;
  - Details of the pedestrian links for employees parking over the road and walking to the site;
  - The traffic report shall make appropriate recommendations to address any traffic impacts, including any necessary off-site works; and
  - Details of any changes to vehicle types proposed to access the site.
- **Air** – including odour during operations and measures to reduce greenhouse gas emissions on-site;
- **Noise and vibration** – during operations including traffic noise, ~~and~~ impacts from explosions and the use of equipment/machinery on-site as part of the process;
  - The impacts of noise arising from the extended hours of operation on the residents within the locality.
- **Dust**
  - Dust control measures proposed to prevent impacts from crushing, tracking of vehicles, stock piles of unprocessed and processed materials.
- **Water and soils** – including details of water supply, wastewater disposal and stormwater management during operation, flood liability and soil contamination of the sites;
- **Waste** – including:
  - identification of the quantity and type of waste that would be handled, stored, processed or disposed of at the facility; and
  - a description of how this waste would be stored and handled on site, and transported to and from the site.
- **Design** – including details of building design and fit-out for the post fragmentation processing structure and any other proposed structures to be used for the handling of chemicals (e.g. bunding and tanker loading/unloading areas);
  - Compliance with Building Code of Australia
- **Visual** – including potential impacts from public roads;
  - Landscaping plan showing additional planting to front setback and along the side elevations.
  - Details of screening measures to buffer any buildings and/or tanks visible from the road.
  - Upgrade / improvement works to the existing entrance gates/walls/driveway to improve the visual appearance of the site and street façade.
- **Fire and incident management** – including technical information on the environmental protection equipment to be installed on the

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                     | <p>premises such as air, water and noise controls, spill cleanup equipment and fire management and containment measures; <b>and</b></p> <ul style="list-style-type: none"> <li>• <b>Cumulative impacts</b> – particularly in relation to hazards and risk associated with other nearby dangerous goods storage/major hazards facilities, air, noise and traffic, <b>and</b>;</li> <li>• <b>Drainage</b> <ul style="list-style-type: none"> <li>– <u>Compliance with Blacktown Council DCP Part R – WSUD and Integrated Water Cycle Management</u></li> <li>– <u>In particular the following should be noted:</u></li> <li>* <u>The Rainwater tank shall be clearly marked on the plans, and details of the tank such as levels, location, area draining to the tank, and how a minimum of 80% of non-potable uses are to be met through rainwater, to comply with Council's DCP Part R. The size of the tank needs to be clearly shown together with any treatment requirements.</u></li> <li>* <u>Details of the existing detention/irrigation pond are to be provided to Council. Details are to include the type of system, depth of the detention/irrigation pond, outlet details, removal rates, design capacity and how the system works to meet the removal requirements. If the pond is deemed insufficient, the existing trapped sediment shall be removed and the pond restored to its original capacity.</u></li> <li>* <u>The proposed formalised carpark on 58 Tattersall Road must meet the development controls in regards to stormwater quality outlined in Council's DCP Part R. This will also require the submission of an electronic MUSIC model to Council for review. Council is able to supply the Council accepted rainfall data and source nodes to use in MUSIC.</u></li> <li>* <u>The gap in the bund wall at the rear adjacent to Pick &amp; Payless needs to be restored to the minimum levels elsewhere along the boundary.</u></li> </ul> </li> <li>• <b>Details of the Use</b> <ul style="list-style-type: none"> <li>– <u>Processes to be undertaken on-site (current and proposed),</u></li> <li>– <u>Employee numbers</u></li> <li>– <u>Hours of Operation including any extended operating hours proposed and the '1 off' security processing arrangements</u></li> <li>– <u>Details of the relationship between the increased processing volumes and the current and proposed processing hours</u></li> <li>– <u>Staging and interim arrangements while the development/building is being constructed. How does this impact upon the current operation and parking arrangements?</u></li> <li>– <u>Details of any proposed signage including any illumination. All signage shall comply with SEPP 64 and Council's LEP. At no time would Council support "General Advertising".</u></li> </ul> </li> <li>• <b>Consultation with Sydney Water for their requirements and compliance with any Trade Waste Agreement</b></li> <li>• <b>Compliance with relevant Australian Standards</b></li> </ul> |
| <b>Consultation</b> | <p>During the preparation of the EIS, you must consult with the relevant local, State or Commonwealth Government authorities, service providers, community groups and affected landowners.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                           | <p>In particular you must consult with:</p> <ul style="list-style-type: none"> <li>• Blacktown City Council;</li> <li>• NSW Office of Water;</li> <li>• Office of Environment and Heritage;</li> <li>• Roads and Traffic Authority; and</li> <li>• WorkCover NSW.</li> </ul> <p>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</p> |
| <b>Further consultation after 2 years</b> | If you do not lodge an EIS for the development within 2 years of the issue date of these DGRs, you must consult with the Director General in relation to the requirements for lodgement.                                                                                                                                                                                                                                                                                                                                                                 |
| <b>References</b>                         | The assessment of the key issues listed above must take into account relevant guidelines, policies, and plans as identified. While not exhaustive, the following attachment contains a list of some of the guidelines, policies, and plans that may be relevant to the environmental assessment of this project.                                                                                                                                                                                                                                         |

## **ATTACHMENT 1**

### **Technical and Policy Guidelines**

The following guidelines may assist in the preparation of the Environmental Impact Statement. This list is not exhaustive and not all of these guidelines may be relevant to your proposal.

Many of these documents can be found on the following websites:

<http://www.planning.nsw.gov.au>

<http://www.bookshop.nsw.gov.au>

<http://www.publications.gov.au>

<http://www.blacktown.nsw.gov.au>

## **Policies, Guidelines and Plans**

| <b>Aspect</b>              | <b>Policy /Methodology</b>                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Hazard and Risk</b>     | <a href="#">AS/NZS 4360:2004 Risk Management</a><br><a href="#">HB 203:2006 Environmental Risk Management – Principals and Process</a><br><a href="#">State Environmental Planning Policy No 33– Hazardous and Offensive Development (SEPP 33)</a><br><a href="#">Planning Advisory Paper No. 6 – Guidelines for Hazardous Analysis (DUAP)</a><br><a href="#">Planning Advisory Paper No. 4 – Risk Criteria for Land Use Safety Planning (DUAP)</a> |
| <b>Transport</b>           | <a href="#">Guide to Traffic Generating Development (RTA)</a><br><a href="#">Road Design Guide (RTA)</a>                                                                                                                                                                                                                                                                                                                                            |
| <b>Air Quality</b>         | <a href="#">Protection of the Environment Operations (Clean Air) Regulations 2010</a><br><a href="#">Approved Methods and Guidance for the Modelling and Assessment of Air Pollutants in NSW (DEC)</a><br><a href="#">Approved Methods for the Sampling and Analysis of Air Pollutants in NSW (DEC)</a>                                                                                                                                             |
| <b>Odour</b>               | <a href="#">Technical Framework: Assessment and Management of Odour from Stationary Sources in NSW (DEC)</a><br><a href="#">Technical Notes: Assessment and Management of Odour from Stationary Sources in NSW (DEC)</a>                                                                                                                                                                                                                            |
| <b>Greenhouse Gas</b>      | <a href="#">National Greenhouse Accounts (NGA) Factors</a><br><a href="#">Guidelines for Energy Savings Action Plans (DEUS)</a>                                                                                                                                                                                                                                                                                                                     |
| <b>Noise and Vibration</b> | <a href="#">Assessing Vibration: a technical guide (DEC)</a><br><a href="#">NSW Industrial Noise Policy (DECC)</a><br><a href="#">NSW Road Noise Policy (OEH)</a><br><a href="#">Environmental Noise Control Manual (DECC)</a><br><a href="#">Interim Construction Noise Guideline (DECC)</a><br><a href="#">Technical basis for guidelines to minimise annoyance due to blasting overpressure and ground vibration (ANZEC)</a>                     |

|                      |                                                                                                                                                    |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Water</b>         | National Water Quality Management Strategy: Australian Guidelines for Fresh and Marine Water Quality (ANZECC/ARMCANZ)                              |
| <i>Surface Water</i> | National Water Quality Management Strategy: Australian Guidelines for Water Quality Monitoring and Reporting (ANZECC/ARMCANZ)                      |
|                      | National Water Quality Management Strategy: Guidelines for Sewerage Systems - Effluent Management (ARMCANZ/ANZECC)                                 |
|                      | National Water Quality Management Strategy: Guidelines for Sewerage Systems - Use of Reclaimed Water (ARMCANZ/ANZECC)                              |
|                      | National Water Quality Management Strategy - Guidelines For Water Recycling: Managing Health And Environmental Risks (Phase1) (EPHC, NRMMC & AHMC) |
|                      | National Water Quality Management Strategy - Guidelines For Water Recycling: Managing Health And Environmental Risks (Phase1) (EPHC, NRMMC & AHMC) |
|                      | Managing Urban Stormwater: Council Handbook. Draft (EPA)                                                                                           |
|                      | Managing Urban Stormwater: Treatment Techniques (EPA)                                                                                              |
|                      | Managing Urban Stormwater: Source Control. Draft (EPA)                                                                                             |
|                      | Managing Urban Stormwater: Soils & Construction (Landcom)                                                                                          |
|                      | Approved Methods for the Sampling and Analysis of Water Pollutants in NSW (DEC)                                                                    |
|                      | Using the ANZECC Guideline and Water Quality Objectives in NSW (DEC)                                                                               |
|                      | Floodplain Risk Management Guideline: Practical Consideration of Climate Change (DECC)                                                             |
|                      | <a href="#"><u>Blacktown City Council's Works Specification - Civil (Current Version)</u></a>                                                      |
|                      | <a href="#"><u>Blacktown City Council's Engineering Guide for Development (Current Version)</u></a>                                                |
|                      | <a href="#"><u>Blacktown City Council Soil Erosion and Sediment Control Policy (Current Version)</u></a>                                           |
| <i>Groundwater</i>   | <a href="#"><u>Blacktown City Council On Site Detention General Guidelines and Checklist</u></a>                                                   |
|                      | <a href="#"><u>Upper Parramatta River Catchment Trust On Site Stormwater Detention Handbook Third Edition December 1999</u></a>                    |
|                      | <a href="#"><u>Blacktown City Council's Water Sensitive Urban Design &amp; Integrated Water Cycle Management, DCP Part R</u></a>                   |
|                      | National Water Quality Management Strategy Guidelines for Groundwater Protection in Australia (ARMCANZ/ANZECC)                                     |
|                      | NSW State Groundwater Policy Framework Document (DLWC)                                                                                             |
| <b>Waste</b>         | NSW State Groundwater Quality Protection Policy (DLWC)                                                                                             |
|                      | NSW State Groundwater Quantity Management Policy (DLWC) Draft                                                                                      |
|                      | The NSW State Groundwater Dependent Ecosystem Policy (DLWC)                                                                                        |
|                      | Guidelines for the Assessment and Management of Groundwater Contamination (DECC) Draft                                                             |
|                      | Waste Avoidance and Resource Recovery Strategy (Resource NSW)                                                                                      |
|                      | Waste Classification Guidelines (DECC)                                                                                                             |
|                      | Protection of the Environment Operations (Waste) Regulations 2005                                                                                  |

**ATTACHMENT 2**  
**Government Authority Responses to Request for Key Issues**