



## Planning

Contact: Haley Rich  
Phone: 02 9228 6516  
Fax: 02 9228 6466  
Email: [haley.rich@planning.nsw.gov.au](mailto:haley.rich@planning.nsw.gov.au)

Mr Tony Rogas  
Project Manager  
BlueScope Steel (AIS) Limited  
PO Box 1854  
WOLLONGONG NSW 2500

Our ref: 10/23301

Dear Mr Rogas

### **BlueScope Steel CRM Works Project (MP 10\_0239) Director-General's Requirements**

The Department has received your application for the BlueScope Steel CRM Works Project.

I have attached a copy of the Director-General's requirements for the project. These requirements have been prepared in consultation with the relevant agencies, based on the information you have provided to date. I have also attached a copy of the agencies' comments for your information.

Please note that the Director-General may alter these requirements at any time.

If your proposal is likely to have a significant impact on matters of National Environmental Significance, it will require an approval under the Commonwealth *Environment Protection Biodiversity Conservation Act 1999* (EPBC Act). This approval is in addition to any approvals required under NSW legislation. It is your responsibility to contact the Department of Environment, Water, Heritage and the Arts in Canberra (6274 1111 or <http://www.environment.gov.au>) to determine if the proposal requires an approval under the EPBC Act. If it is subsequently determined that an approval is required under the EPBC Act, please contact the Department immediately as supplementary Director-General's requirements may need to be issued.

I would appreciate it if you would contact the Department at least two weeks before you propose to submit your Environmental Assessment for the project. This will enable the Department to determine the:

- applicable fee (see Division 1A, Part 15 of the Environmental Planning and Assessment Regulation 2000); and
- number of copies (hard-copy and CD-ROM) of the Environmental Assessment that will be required for exhibition purposes.

Once it receives the Environmental Assessment, the Department will review it in consultation with the relevant agencies to determine if it adequately addresses the Director-General's requirements, and may require you to revise it prior to public exhibition.

The Department is required to make all the relevant information associated with the project publicly available on its website. Consequently, I would appreciate it if you would ensure that all the documents you subsequently submit to the Department are in a suitable format for the web, and arrange for an electronic version of the Environmental Assessment to be hosted on a suitable website.

If you have any enquiries about these requirements, please contact Haley Rich on the above details.

Yours sincerely



12-1-11

Chris Wilson  
**Executive Director**  
**Major Projects Assessment**

As delegate for the Director-General

# Director-General's Requirements

## Section 75F of the *Environmental Planning and Assessment Act 1979*

<b>Application Number</b>	10_0239
<b>Project</b>	The BlueScope Steel CRM Works Project, involves "strip" processing (selected coil being rolled out, marked and cut into sections) and packaging of up to 200,000 tonnes of product per year.
<b>Location</b>	Port Kembla CRM Works Facility, Lot 1, 2 & 3 DP 190251
<b>Proponent</b>	BlueScope Steel (AIS) Pty Ltd
<b>Date of Issue</b>	12 January 2011
<b>General Requirements</b>	<p>The Environmental Assessment of the project must include:</p> <ul style="list-style-type: none"> <li>• an executive summary;</li> <li>• a detailed description of the following within the site and any associated areas: <ul style="list-style-type: none"> <li>– historical operations/activities; and</li> <li>– existing and approved operations/facilities, including any statutory approvals that apply to these operations and facilities.</li> </ul> </li> <li>• a detailed description of the project, including the: <ul style="list-style-type: none"> <li>– need for the project;</li> <li>– proposed modifications or upgrades to activities or infrastructure;</li> <li>– alternatives considered;</li> <li>– various components and stages of the project;</li> <li>– likely interactions between existing and proposed operations as well as the project and other land uses in the vicinity of the site; and</li> <li>– plans of any proposed building works;</li> </ul> </li> <li>• a risk assessment of the potential environmental impacts of the project, identifying the key issues for further assessment;</li> <li>• a detailed assessment of the key issues specified below, and any other significant issues identified in the risk assessment (see above), which includes: <ul style="list-style-type: none"> <li>– a description of the existing environment, using sufficient baseline data;</li> <li>– an assessment of the potential impacts of the project, including any cumulative impacts, taking into consideration any relevant guidelines, policies, plans and statutory provisions (see below);</li> <li>– a description of the measures that would be implemented to avoid, minimise, mitigate, rehabilitate/remediate, monitor and/or offset the potential impacts of the project, including detailed contingency plans for managing any significant risks to the environment;</li> </ul> </li> <li>• a statement of commitments, outlining all the proposed environmental management and monitoring measures;</li> <li>• a conclusion justifying the project on economic, social and environmental grounds, taking into consideration whether the project is consistent with the objects of the <i>Environmental Planning &amp; Assessment Act 1979</i>; and</li> <li>• a signed statement from the author of the Environmental Assessment, certifying that the information contained within the document is neither false nor misleading.</li> </ul>
<b>Key Issues</b>	<ul style="list-style-type: none"> <li>• <b>Noise</b> – including construction, operation and traffic noise impacts on nearby sensitive receivers, and the management and mitigation measures proposed.</li> <li>• <b>Air Quality</b> – including a quantitative assessment of the potential air quality and odour impacts of the project.</li> <li>• <b>Waste</b> – including accurate estimates of the quantity and classification of</li> </ul>

	<p>all potential sources of liquid and non-liquid waste to be generated by the project and how this waste would be handled, processed and, if necessary, disposed of.</p> <ul style="list-style-type: none"> <li>• <b>Traffic</b> – including details of traffic types and volumes (including road and rail) likely to be generated and an assessment of the predicted impacts of this traffic on road safety and the capacity of the road network.</li> <li>• <b>Soil and Water</b> – including a detailed assessment of potential soil, surface and groundwater impacts; potential soil contamination; details of proposed erosion and sedimentation controls; and details of the proposed water supply usage and efficiency measures, stormwater management, spill containment and bunding.</li> <li>• <b>Hazards</b> – including an assessment of potential offsite risks and details of fire and incident management procedures/measures.</li> <li>• <b>Greenhouse Gas &amp; Energy Efficiency</b> – including: <ul style="list-style-type: none"> <li>– a quantitative assessment of the potential scope 1 and 2 greenhouse gas emissions of the project, and qualitative assessment of the potential impacts of these emissions on the environment; and</li> <li>– a detailed description of the measures that would be implemented on site to ensure that the project is energy efficient.</li> </ul> </li> <li>• <b>Flora and fauna</b>, including the Green and Gold Bell Frog.</li> <li>• <b>Cumulative Impacts</b> – including potential cumulative impacts (particularly on air quality, waste, noise and traffic) that may arise from the combined operation of the project, together with the operations within the broader context of the site.</li> </ul>
<b>References</b>	<p>The environmental assessment of the key issues listed above must take into account relevant guidelines, policies, and plans. 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.</p>
<b>Consultation</b>	<p>During the preparation of the Environmental Assessment, you should consult with the relevant local, State or Commonwealth Government authorities, service providers, community groups or affected landowners.</p> <p>In particular you must consult with the:</p> <ul style="list-style-type: none"> <li>• Department of Environment, Climate Change and Water;</li> <li>• The Roads and Traffic Authority; and</li> <li>• Wollongong City Council.</li> </ul> <p>The consultation process and the issues raised during this process must be described in the Environmental Assessment.</p>
<b>Deemed Refusal Period</b>	60 days

# Policies, Guidelines and Plans

Aspect	Policy /Methodology
<b>Risk</b>	AS/NZS 4360 Risk Management (Standards Australia) HB 203:2006 Environmental Risk Management – Principals and Process
<b>Air Quality</b>	Approved Methods for the Modelling and Assessment of Air Pollutants in NSW (DEC, 2005) Approved Methods for the Sampling and Analysis of Air Pollutants in NSW (DECC, 2007) Protection of the Environment Operations (Clean Air) Regulation 2002
<b>Noise</b>	NSW Industrial Noise Policy (DEC, 2000) Environmental Criteria for Road Traffic Noise (DEC, 1999) Interim Construction Noise Guideline (DECC)
<b>Waste</b>	Waste Avoidance and Resource Recovery Strategy 2007 (Resource NSW) Waste Classification Guidelines (DECC)
<b>Traffic and Transport</b>	Multi-Level Risk Assessment (DUAP, 1997) Guide to Traffic Generating Development (RTA, 2002) RTAs Road Design Guide (RTA, 1996)
<b>Soil and Water</b>	Design Manual for Soil Conservation Works - Technical Handbook No. 5 (DoL, 1987)
<i>Soil</i>	State Environmental Planning Policy No. 55 – Remediation of Land Managing Land Contamination – Planning Guidelines SEPP 55 – Remediation of Land (DOP)
<i>Surface Water</i>	National Water Quality Management Strategy: Australian and New Zealand Guidelines for Fresh and Marine Water Quality (ANZECC/ARMCANZ, 2001) National Water Quality Management Strategy: Australian Guidelines for Water Quality Monitoring and Reporting (ANZECC/ARMCANZ, 2000) Using the ANZECC Guidelines and Water Quality Objectives in NSW (DEC, 2006) Approved Methods for the Sampling and Analysis of Water Pollutants in NSW (DEC, 2004) Managing Urban Stormwater: Soils and Construction (Landcom, 2004) Managing Urban Stormwater: Treatment Techniques (EPA, 1997) Managing Urban Stormwater: Strategic Framework. Draft (EPA, 1996) Managing Urban Stormwater: Source Control. Draft (EPA, 1998)
<i>Groundwater</i>	The NSW State Groundwater Policy Framework Document (DLWC, 1997) The NSW State Groundwater Quality Protection Policy (DLWC, 1998) The NSW State Groundwater Dependent Ecosystems Policy (DLWC, 2002) National Water Quality Management Strategy Guidelines for Groundwater Protection in Australia (ARMCANZ/ANZECC, 1995)
<b>Hazards</b>	The storage and handling of flammable and combustible liquids (Standards Australia, 2004, AS 1940-2004) Storing and Handling Liquids: Environmental Protection - Participants Manual (DECC) State Environmental Planning Policy No. 33 – Hazardous and Offensive Development Applying SEPP 33 – Hazardous and Offensive Development Application Guidelines (DUAP, 1997)

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Hazardous Industry Planning Advisory Paper No. 6 – Guidelines for Hazard Analysis

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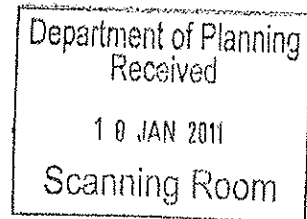
<b>Greenhouse Gas and Energy Efficiency</b>	
	AGO Factors and Methods Workbook (AGO, 2006)
	Guidelines for Energy Savings Action Plans (DEUS, 2005)
<b>Flora and Fauna</b>	
	Threatened Biodiversity Survey and Assessment: Guidelines for Developments and Activities. Working Draft (DEC)
	Draft Guidelines for Threatened Species Assessment under Part 3A of the Environmental Planning and Assessment Act 1979 (DEC)

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Our reference: LIC08/1517:DOC10/55372:GN  
Contact: Greg Newman, (02) 4224 4100



Department of Planning  
(Attention: Haley Rich)  
GPO Box 39  
SYDNEY NSW 2001



Dear Sir

**PROPOSED BLUESCOPE STEEL CRM WORKS STRIP PROCESSING  
AND PACKAGING LINE**

I am writing in response to your request for the Department of Environment, Climate Change and Water (DECCW) to identify key Environmental Assessment (EA) requirements for the above proposal to develop Director-General Requirements (DGR). DECCW presently licenses the site through Environment Protection Licence 397. The Preliminary EA which accompanied your correspondence was received on 7 December 2010.

DECCW has considered the information provided in both the Preliminary EA and during a meeting with the Proponent on 9 November 2010. Based on this information, DECCW has identified the following key environmental issues in relation to the project that should be included in the EA:

- Noise and vibration
- Threatened species
- Air quality (point source, fugitive and transport related emissions)

These issues are outlined in Attachment A with guidance material included as Attachment B.

If you have any questions in relation to this issue or wish to discuss this matter further please contact Greg Newman on (02) 4224 4100.

Yours sincerely

  
**PETER BLOEM**  
Manager Illawarra  
Environment Protection and Regulation

Att: A and B

cc: BlueScope Steel Ltd  
(Attention: Alan O'Brien)  
PO Box 1854  
WOLLONGONG NSW 2500

(N:\PLANNING\GENERAL\GN DOC10-55372 BSL CRM STRIP LINE EARS L397)

The Department of Environment and Climate Change is now known as the Department of Environment, Climate Change and Water

PO Box 513 Wollongong NSW 2520  
Level 3, 84 Crown Street Wollongong NSW  
Tel: (02) 4224 4100 Fax: (02) 4224 4110  
ABN 30 841 387 271  
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Department of **Environment and Climate Change** NSW



## **Attachment A – Department of Environment, Climate Change and Water Environmental Assessment Requirements**

### **1. Key Environmental Issues**

- a) The following environmental issues need to be assessed, quantified and reported on:
  - Noise and vibration
  - Threatened species
  - Air Quality.
- b) These should be assessed in accordance with the relevant guidelines listed in Attachment B.
- c) Details are required on the location of the proposed development, including the affected environment to place the proposal in its local and regional environmental context, including surrounding landuses, planning zonings and potential sensitive receptors.
- d) Describe mitigation and management options that will be used to prevent, control, abate or mitigate identified environmental impacts including any cumulative impacts associated with the project 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.
- e) Based on the information provided to the Department of Environment, Climate Change and Water (DECCW), the applicant will need to comply with or seek a modification of the existing Environment Protection Licence (EPL) 397 to:
  - carry out scheduled development work
  - relocation existing and add new discharge/monitoring points; and
  - carry out scheduled activities.

These requirements should be outlined in the Environmental Assessment (EA).

### **2. Impacts of Noise and Vibration**

The Preliminary EA describes 24 hour production activities including shearing of heavy gauge steel and associated material handling. DECCW regulates other premises in the Wollongong LGA that process heavy gauge steel (pipe manufacturing) and they can be a significant source of community complaints regarding noise. The nearest residents to the CRM site are less than 350 metres away and it is important that the facility is designed and operated to ensure unacceptable noise impacts do not occur. Thus, DECCW requires an assessment of construction and operational noise impacts associated with Project as well as road and rail activities against the guidelines listed in Attachment B. This must include an assessment of sleep disturbance. The EA must also propose noise limits developed in accordance with these guidelines.

The EA should also provide details of any noise mitigation, monitoring and management measures the Proponent intends to apply to the project. The appropriate environmental outcome is that the facility be designed, constructed, operated and maintained to prevent the emissions of offensive noise and to achieve compliance with appropriate noise limits.

### **3. Impacts of the Modification on Threatened Species and their Habitat**

Green and Golden Bell Frog (GGBF) sitings are routinely recorded in the Port Kembla Industrial area including the BSL premises and nearby rail corridors. The proposal includes increased rail traffic in close proximity to these areas.

An assessment must be undertaken in accordance with the *Draft Part 3A Guidelines for Threatened Species Assessment* July 2005. When undertaking this assessment we also recommend consulting the *Assessment Of Habitat, Dispersal Corridors And Management Actions*



To Conserve The Port Kembla Population Of Green And Golden Bell Frog report prepared by Gaia Research Pty Ltd on behalf of the Department of Environment and Climate Change (DECC). This information will also assist when developing any construction environmental management plans.

#### **4. Air Quality and Transport Considerations**

DECCW requests that the following air issues be addressed in the EA:

##### **a) Process Emissions**

A description of point source and fugitive emissions from the Project (including *micro scale*) and details of any proposed pollution controls (baghouse and others). Any air emissions must comply with Group 6 limits under the Protection of the Environment (Clean Air) Regulation 2010.

##### **b) Vehicular Emissions**

The Preliminary EA outlines an increase in truck and rail movements from the site. Pollutant emissions associated with truck movements include fine particulates and volatile organic compounds (VOC) both of which also have human health and air quality impacts. During previous meetings with the Proponent DECCW has discussed vehicle exhaust system control devices to remove particulates and/or VOC from the exhaust gases as well as Road and Traffic Authority (RTA) programs such as the Green Fleet Program and the Diesel Retrofit Program. DECCW seeks a breakdown of the percentage of steel coils and finished product transported by road or rail. The EA should also describe the practicability and feasibility of truck related emissions reduction programs for the project.

## **Attachment B - Guidance Material**

### **Assessing Environmental Impacts**

#### **Noise and Vibration**

- NSW Industrial Noise Policy (EPA, 1999)
- NSW Environmental Criteria for Road Traffic Noise (EPA, 1999)
- Chapter 171 Noise Control Guideline, Construction Site Noise, Environmental Noise Control Manual, 1994.

#### **Threatened Species**

- Draft Guideline for Threatened Species Assessment (DEC & DPI, 2005)
- Threatened Biodiversity Survey and Assessment: Guidelines for Developments and Activities - Working Draft (DEC, 2004)
- Threatened Species Survey and Assessment Guidelines: Field Survey Methods for Fauna - Amphibians (DECCW, 2009)
- BioBanking Assessment Methodology and Credit Calculator Operational Manual (DECCW, 2008)
- Principles for the use of Biodiversity Offsets in NSW (DECC, 2008)
- Management Plan for the Green and Golden Bell Frog at Bluescope Steel, Port Kembla, 2008.

#### **Air Quality**

- Legislative requirements under the Protection of the Environment Operations Act 1997 and its associated Regulation
- Approved Methods for the Sampling and Analysis of Air Pollutants in NSW
- Approved Methods and Guidance for the Modelling and Assessment of Air Pollutants in New South Wales
- Technical Framework - Assessment and Management of Odour from Stationary Sources in NSW.

Our Ref: 497DA277 (10/1619) STH08/01726  
Contact: Tim Webster 4221 2769



14 DEC 2010



PCU017806

Department of Planning  
GPO Box 39  
SYDNEY NSW 2001

Attention: Haley Rich

**WOLLONGONG CITY COUNCIL – PART 3A MAJOR PROJECT – LOTS 1-3 DP  
190251, MR295, OLD PORT ROAD, PORT KEMBLA – BLUESCOPE STEEL CRM  
WORKS**

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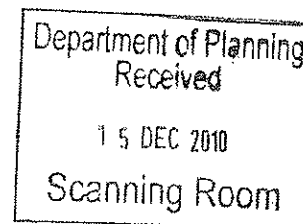
Dear Madam

Reference is made to your letter email dated 7 December 2010 regarding the subject major project application forwarded to the Roads and Traffic Authority (RTA) for consideration.

The RTA has reviewed the information provided and considers that the following information should be addressed in the Environmental Assessment (EA):

- A Traffic Impact Study (TIS) is required. As a guide Table 2.1 of the RTA Guide to Traffic Generating Developments outlines the key issues that may be considered in preparing a Traffic Impact Study. It is noted that the increase in traffic generated by the proposal is not significant and accordingly the required TIS may not need to address all the issues outlined in Table 2.1.
- The applicant should identify suitable infrastructure required to ameliorate any traffic impacts and safety impacts associated with the development. This should include identification of pedestrian, cyclists and public transport infrastructure.
- The RTA strongly recommends that the developer considers the environmental impacts of any proposed roadworks as part of the Statement of Environmental Effects. If these impacts are not considered, then the RTA would require the applicant to provide a separate environmental impact assessment, a 'Review of Environmental Factors' prior to commencing any works that were conditioned as requirements of the development.

Note: The RTA has a responsibility to ensure that all environmental impacts are considered to the fullest extent possible under Section 111 of the Environmental Planning and Assessment Act.



The RTA will commence its detailed assessment once the aforementioned information is provided to its satisfaction. Should you require any clarification on this matter please call Tim Webster on 4221 2769.

Yours faithfully

A handwritten signature in black ink, appearing to read 'Adam Berry', with a stylized, cursive script.

Adam Berry  
Manager, Road Safety and Traffic Management  
Southern Operations and Engineering Services



PCU018007

Haley Rich  
Environmental Planning Officer  
Major Projects Assessment  
Department of Planning NSW  
Room 304, 23-33 Bridge Street  
Sydney NSW 2000

Department of Planning  
Received  
21 DEC 2010  
Scanning Room

## APPLICATION

DE-2010/174

Date

17 December 2010

Dear Sir/Madam

I write in response to your correspondence to Council requesting input into the Director General's requirements for the Environmental Assessment Report for the following Project:-

Development	CRM works strip process and packing line
Location	Lot 1 Old Port Road, PORT KEMBLA NSW 2505

I would like to thank the Department for providing the opportunity for Council to have input into the Director General's requirements. The Preliminary Environmental Assessment (PEA) has been reviewed and Council considers that the following issues should be examined in detail in the Environmental Assessment Report for this project:-

- All relevant environmental planning instruments. The site is known to be contaminated, and in this regard the provisions of SEPP 55 should be considered. The site is also located within the NSW Coastal zone and accordingly the provisions of SEPP 71 apply. The provisions of this SEPP should also be considered and addressed within the EAR;
- Noise and vibration impacts and any proposed mitigation required;
- Air quality and odour impacts and greenhouse gas emissions and any proposed mitigation required;
- Energy consumption and measures to be employed to reduce demand on mains supply electricity. Council would encourage the proponent to consider alternative energy sources where practicable;
- Arrangements to be implemented for waste management during both demolition/construction and during the operational phase. Detailed waste management plans should be provided in this regard. Council encourages the proponent to implement sustainable waste management arrangements including the use of recyclable packaging material;
- The site constraints should be considered in detail. These include contamination, acid sulphate soils (which may be encountered during construction and excavation), flooding, heritage and the presence of known habitat for the threatened species Green & Golden Bell Frog. Any other site constraints should also be examined. All proposed mitigation measures to be implemented should be outlined in the EAR;
- Proposed transportation arrangements. Council encourages the increased use of rail transportation of the finished product to reduce heavy vehicle reliance;
- A 7 part test or equivalent should be undertaken in respect of the Green & Golden Bell Frog.



## WOLLONGONG CITY COUNCIL

Address 41 Burelli Street Wollongong Post Locked Bag 8821 Wollongong DC NSW 2500  
Phone (02) 4227 7111 • Fax (02) 4227 7277 Email [council@wollongong.nsw.gov.au](mailto:council@wollongong.nsw.gov.au)  
Web [www.wollongong.nsw.gov.au](http://www.wollongong.nsw.gov.au) ABN 63 139 525 939 • GST Registered

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If you require any clarification of the above, please contact Theresa Whittaker of Council's City Planning Division. Council looks forward to reviewing the EAR in due course.

Yours faithfully

Issue of this document on behalf of Council has been authorised by:

**Theresa Whittaker**  
Senior Development Project Officer  
Wollongong City Council  
Direct Line (02) 4227 7481