NSW GOVERNMENT
Department of Planning

ENVIRONMENTAL ASSESSMENT:
BlueScope Steel Injection Station Project
Port Kembla Steelworks

Director-General's
Environmental Assessment Report
Section 75I of the
Environmental Planning and Assessment Act 1979

December 2008

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EXECUTIVE SUMMARY

BlueScope Steel Limited (AIS) Pty Ltd (BlueScope) proposes to establish a new Steel Injection Station at the Port Kembla Steelworks.

The proposed Steel Injection Station would produce 125,000 tonnes of high quality specialised steel a year for use in oil and gas pipes, mining equipment, automotive and structural applications. It would replace the existing prototype Steel Ladle Injection Station within the existing Basic Oxygen Steelmaking (BOS) Building.

The Steelworks are surrounded by a number of residential suburbs, with the closest residence being located approximately 1 km south west from the BOS Building.

The proposal has a capital investment value of $34 million and would employ about 39 workers during construction.

During the exhibition period, the Department received 3 submissions on the proposal, all from public authorities. None of these submissions objected to the project, nor did they raise any concerns with it, however they have provided recommended conditions of approval. The Department has considered the general recommendations of the various agencies, and where necessary, incorporated them into the recommended conditions of approval.

The Department has assessed the merits of the project in accordance with the relevant requirements in the *Environmental Planning and Assessment Act, 1979*, and is satisfied that the impacts of the project can be mitigated and/or managed to ensure an acceptable level of environmental performance.

The Department is also satisfied that the project would provide a range of economic, social and environmental benefits, including:

- attracting $34 million worth of investment to the Illawarra region;
- increasing workers safety;
- increasing flexibility and reliability of the special grades of steel produced at Steelworks; and
- improving environmental performance due to an increased capture of air emissions.

Consequently, the Department believes the project is in the public interest and should be approved subject to conditions.

1. PROPOSED DEVELOPMENT

1.1 Proposed Project

BlueScope Steel Limited (AIS) Pty Ltd (BlueScope) operates the Port Kembla Steelworks (Steelworks) in Wollongong, approximately 10 kilometres (km) south of Sydney, in the Wollongong local government area (refer to Figure 1). The Steelworks are surrounded by a number of residential suburbs, with the closest residence being located approximately 1 km south west from the Basic Oxygen Steelmaking (BOS) Building (the site).

BlueScope currently operates a number of steel refining stations, one of which is the Steel Ladle Injection Station, to refine the basic liquid steel into various steel grades by adding different alloys and removing unwanted impurities and gases. All of the steel refining occurs within the BOS building.

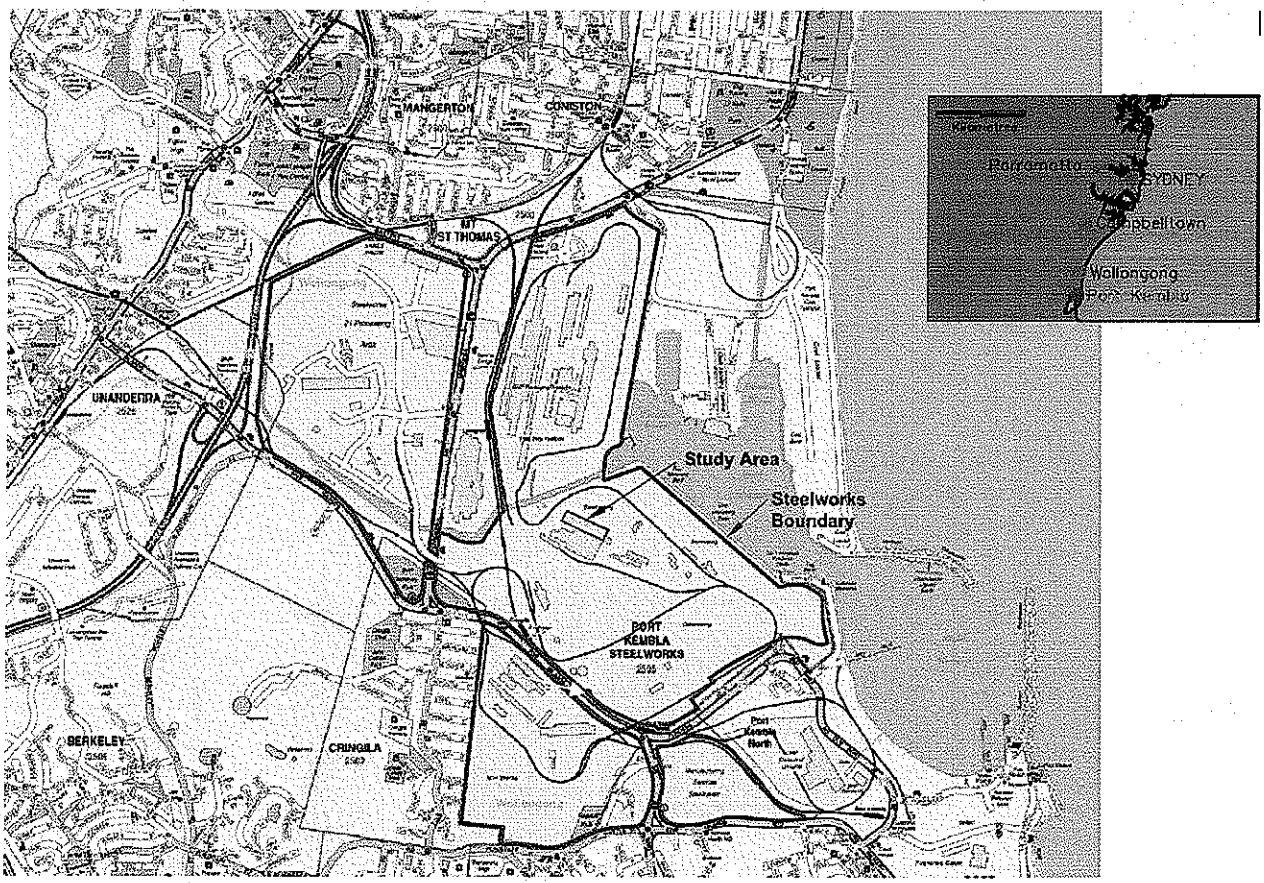

Figure 1: Location of proposed steel injection station

The existing Steel Ladle Injection Station was built in 1982 as a prototype plant to investigate the viability of producing ultra low sulphur steel used in oil and gas pipes, mining equipment, automotive and structural applications.

BlueScope now proposes to replace the existing prototype Steel Ladle Injection Station by a new Steel Injection Station, to provide greater flexibility and accuracy in the production process as well as providing some safety and environmental benefits.

The major components of the project are summarised in Table 1, illustrated in Figure 2, and detailed in the Environmental Assessment (EA) for the project (see Appendix D).

Basically, the new Steel Injection Station would have the production capacity of 125,000 tonnes of high quality specialised steel a year and it would be located wholly within the existing BOS Building (refer to Figure 2).

Table 1: Major Components of the Proposed Project

Component	Description
Project Summary	***Construction and operation of a new Steel Injection Station producing around 125,000 tonnes of high quality specialised steel a year for use in oil and gas pipes, mining equipment, automotive and structural applications.***
Major Components of the Plant	The Steel Injection Station would include the following equipment: • ladle car and associated tracks to transport molten steel between various processes; • ladle hood to capture fume from ladle car; • oxygen lance system to allow for the reheating of the steel; • powder inject system to provide consistent supply of powder to the lance system; • control room to include operator facilities and amenities; • an automated alloy system to add alloys into the ladle car; • booster fan and cyclone to capture and remove particulates from the ladle car fume; • a continuous wire feeder of calcium Silicide (CaSi) to allow for better fine tuning of the steel chemistry to more accurately produce steel grades with narrow specification ranges; and • closed circuit cooling system using recycled industrial water to cool the oxygen lance in a closed loop system.
Production Inputs (per ladle car)	• 280 tonnes of liquid steel (sourced from the BlueScope Steel Basic Oxygen Steelmaking Plant); • 120kg-320kg of powder CaSi; • 1000m of CaSi wire; • 26Nm3 of argon gas; and • 1000kg on average of alloys. Alloys comprise aluminium, coke, ferro silicon, high carbon ferro manganese, scrap steel, micro alloys and lime.
Production Outputs	125,000 tonnes high quality steel per annum
Construction	6 months to construct the new steel injection station and 6 months to remove the existing pilot station.
Hours of Operation	24 hours per day, 7 days per week
Capital Cost	$34 million
Employment	39 during construction

1.2 Project Need and Justification

BlueScope proposes to replace the existing prototype Steel Ladle Injection Station, built in 1982, to ensure the ongoing viability of the Steelworks. In addition, it would result in a number of other benefits, including:

- improved fume control and containment due to a new ladle hood;
- net reduction of 1.08 kg CO_{2e} per tonne of crude steel produced due to improved steel production efficiency;
- reduced potential electrical hazards due to separation of the control room from the electrical switch room;
- concurrent production of two different steel grades from the vacuum degasser station and the steel ladle injection station due to de-linking of the ladle car track system between the two stations;
- continued and reliable production of special steel grades;
- attraction of a capital investment of $34 million; and
- employment of 39 workers during construction.

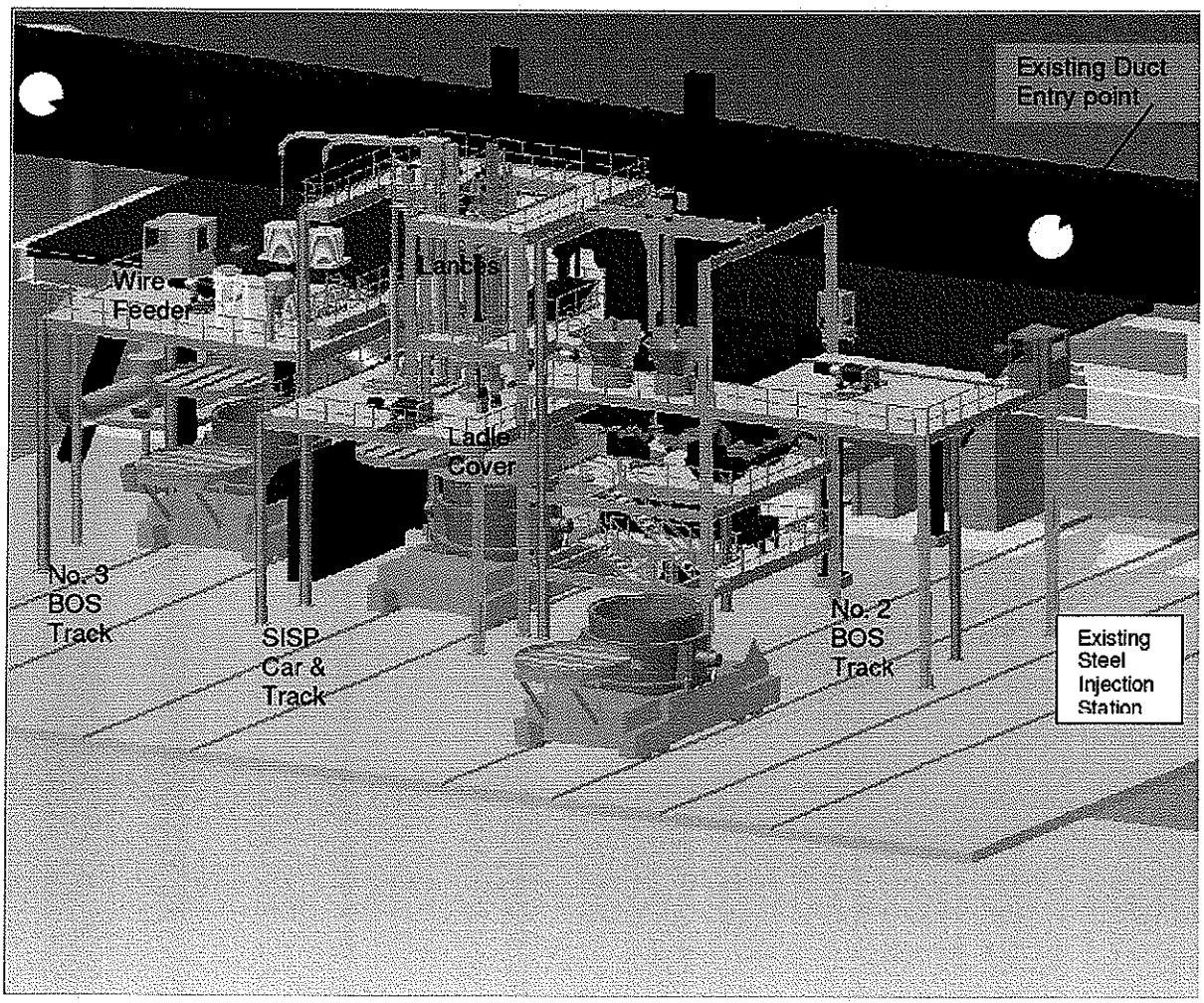

Figure 2: Conceptual Model of the Proposed Steel Injection Station

2. STATUTORY CONTEXT

2.1 Major Project

The project is classified as a major project under Part 3A of the *Environmental Planning and Assessment Act 1979* (EP&A Act) because it is development for the purpose of metal or mineral refining or smelting that employs 100 or more people with a capital investment value of more than $30 million, and therefore triggers the criteria in Schedule 1, Clause 9(a) of *State Environmental Planning Policy (Major Projects) 2005.*

Consequently, the Minister is the approval authority for the project.

2.2 Permissibility

The site is zoned 4(b) Heavy Industry under the *Wollongong Local Environmental Plan 1990*, and the proposed Steel Injection Station is permissible with consent in this zone.

Consequently, the Minister may approve the project.

2.3 Public Exhibition

Under Section 75H(3) of the EP&A Act, the Director-General is required to make the environmental assessment of a project publicly available for at least 30 days.
After accepting the environmental assessment for the project, the Department:

- made it publicly available from Friday 31 October 2008 until Monday 1 December 2008:
  - on the Department's website;

- at the Department's Information Centre;
- at the Wollongong City Council's Offices; and
- at the Nature Conservation Council Offices in Sydney;

- notified relevant State government authorities and Wollongong City Council by letter; and
- advertised the exhibition period in the Illawarra Mercury.

This satisfies the requirements in Section 75H(3) of the EP&A Act.

2.4 Environmental Planning Instruments

Under Section 75I of the EP&A Act, the Director-General's report is to include a copy of or reference to the provisions of any:

- *State Environmental Planning Policy* (SEPP) that substantially govern the carrying out of the project and;
- environmental planning instrument that would (but for Part 3A) substantially govern the carrying out of the project and that have been taken into consideration in the environmental assessment of the project.

The Department has assessed the proposal against the relevant provisions of several environmental planning instruments and is satisfied that none of these SEPPs substantially govern the carrying out of this project (see Appendix E). The Department is further satisfied that the project is able to be constructed in a manner that is consistent with these instruments.

2.5 Objects of the Environmental Planning and Assessment Act, 1979

The Minister's consideration and determination of the application must be consistent with the relevant provisions of the EP&A Act, including the objects set out in the Act's section 5. The objects of most relevance to the Minister's decision on whether or not to approve the proposed modifications are found in section 5(a)(i), (ii), (vi) and (vii). They are:

'The objects of this Act are:

(a) to encourage:

(i) the proper management, development and conservation of natural and artificial resources, including agricultural land, natural areas, forests, minerals, water, cities, towns and villages for the purpose of promoting the social and economic welfare of the community and a better environment,

(ii) the promotion and co-ordination of the orderly and economic use and development of land,

(vi) the protection of the environment, including the protection and conservation of native animals and plants, including threatened species, populations and ecological communities, and their habitats, and

(vii) ecologically sustainable development".

The Department has fully considered the objects of the EP&A Act, including the encouragement of ESD, in its assessment of the application. The assessment integrates all significant economic and environmental considerations and seeks to avoid any potential serious or irreversible damage to the environment, based on an assessment of risk-weighted consequences. BlueScope has undertaken an environmental risk analysis of the project, and considered the project in the light of the principles of ESD.

The Department is satisfied that the project is able to be constructed in a manner that is consistent with the objects of the EP&A Act.

2.6 Statement of Compliance

Under Section 75I of the EP&A Act, the Director-General's report is required to include a statement relating to compliance with the environmental assessment requirements for the project.

The Department is satisfied that the environmental assessment requirements have been complied with.

3. ISSUES RAISED IN SUBMISSIONS

During the exhibition period, the Department received 3 submissions on the proposal (see Appendix C), all from public authorities (Department of Environment and Climate Change, Department of Water and Energy, and Wollongong City Council).

None of these submissions objected to the project, nor did they raise any concerns with it, however they have provided recommended conditions of approval.

The Department has considered the general recommendations of the various agencies, and where necessary, incorporated them into the recommended conditions of approval.

4. ASSESSMENT

The Department has assessed the project, in accordance with the requirements of Clause 8B of the *Environmental Planning and Assessment Regulation 2000*, and considers that all potential impacts of the project can be suitably managed to ensure an acceptable level of environmental performance (see Table 2).

Table 2: Assessment of Impacts

Issue	Consideration	Recommendation
Air Quality	• The construction air quality impacts are unlikely as the Steel Injection Station would be constructed within the existing BOS building. • The Steel Injection Station would be connected to the existing Basic Oxygen Steelmaking (BOS) secondary dedusting system which is serviced by the No.2 BOS Baghouse. It is expected to contribute less than 3% of the total baghouse capacity. • The environmental assessment indicated that the Steel Injection Station emission levels would meet the relevant DECC's operational criteria. In fact, a reduction in fugitive emissions and an improvement in particulate capture is expected to occur as a result of the introduction of a new ladle hood and fume capture technology. • The Department is satisfied that construction and operation air quality impacts are acceptable provided conditions are met.	• To minimise potential air quality impacts, the Department has recommended conditions requiring BlueScope to: ➢ minimise dust during construction; and ➢ undertake source emissions validation monitoring within 4 months of operation and implement contingency measures in consultation with DECC, if required.
Soil and Water	• Soil excavation to a depth of approximately 1-2.5m, generating 2000m^3 of spoil, would be required to construct new ladle car tracks. However soil erosion and sedimentation impacts are unlikely as the Steel Injection Station would be constructed within the existing BOS building. • Groundwater was identified at a depth of 2.4m just north of the BOS building. There is a potential for this groundwater to be intercepted during construction due to piling and soil excavation, however impacts are unlikely provided conditions are met.	• The Department has recommended conditions requiring BlueScope to: ➢ implement erosion and sediment controls in accordance with the Department of Housing and Landcom's *Managing Urban Stormwater: Soils and Construction* prior to construction commencing; and ➢ obtain an approval from DWE prior to intercepting groundwater.
Noise	• During construction; comply with construction hours limits as construction would occur within the existing BOS building which is located 1km away from the nearest residential receiver. • Construction would be undertaken during daytime, with no construction on Sundays or Public Holidays. • During operations; comply with DECC's operational noise criteria. • The Department is satisfied that the construction and operation noise impacts will be minimal.	• The Department has recommended a condition requiring BlueScope to comply with the specified time limits. • BlueScope must also comply with its Statement of Commitments which require verification of predictions made in the EA within 6 months of commissioning and implementation of mitigation measures in consultation with DECC, if required.
Hazards and Risks	• BlueScope's Preliminary Hazard Analysis concludes that the project would comply with the Department's criteria for hazard and risk. • The Department is satisfied that the proposal is unlikely to generate off-site hazardous risks,	• The Department has recommended conditions requiring BlueScope to prepare: ➢ a Hazard and Operability Study and Construction Safety Study

Issue	Consideration	Recommendation
	provided recommended conditions are met.	prior to the commencement of construction to minimise hazard impacts; and ➢ a Safety Management System prior to the operation to ensure adequate systems are in place to manage hazardous risks.
Waste	• The construction and demolition would generate 10m^3 of concrete and 60 tonnes of steel, which would be internally recycled, and 2,000m^3 of excavated fill which would be disposed of internally or to a licenced waste facility, depending on its classification. • The steel injection station would mainly generate 1-2 tonnes of steel, 2-3 tonnes of slag and 0.6 tonnes of dust per week during operation, which will be recycled. • The Department is satisfied with BlueScope's commitment to recycle most of its waste generated during the life of the project.	• The Department has recommended a condition requiring BlueScope to ensure that all waste generated on the site during the project is classified in accordance with the DECC's *Environmental Guidelines: Waste Classification Guidelines* and disposed of to a facility that may lawfully accept the waste. • BlueScope must also comply with its Statement of Commitments which require maximisation of waste recycling.
Transport	• The Steel Injection Station would generate 18 heavy vehicle movements and 33 light vehicle movements a day during construction, and 13 heavy vehicle movements and 6 light vehicle movements a day during demolition of the pilot plant. It would also generate additional 4 heavy vehicle movements a day during operations. • Adequate parking is available onsite during construction, demolition and operation. • The local road network has sufficient capacity to accept these additional vehicle movements. • The Department is satisfied that the traffic impacts are minimal.	• None required.
Flora and Fauna	• No vegetation is proposed to be cleared during construction as the Steel Injection Station would be constructed wholly within the existing BOS building. • The construction site includes suitable habitat for the Green and Golden Bell Frog (GGBF), however no GGBF have been found. • No significant impact on the GGBF would occur provided the GGBF Management Plan is implemented.	• BlueScope must comply with its Statement of Commitments which require implementation of the GGBF Management Plan.

5. RECOMMENDED CONDITIONS OF APPROVAL

The Department has prepared recommended conditions of approval for the project which are summarised in Appendix A and included in Appendix B.

These conditions are required to:

- validate predictions in the EA, based on finalised technology;
- control, minimise, and offset adverse environmental impacts, in particular odour, noise and soil and water related impacts;
- set standards and performance measures for acceptable environmental performance;
- require regular monitoring and reporting; and
- provide for the ongoing environmental management of the project.

BlueScope does not object to the imposition of the recommended conditions.

6. CONCLUSION

The Department has assessed the merits of the project having regard to the objects of the EP&A Act, and the principles of ecologically sustainable development, and where necessary conditions of approval were recommended to address any residual concerns.

With the implementation of the recommended conditions of approval, the Department is satisfied that the impacts of the project can be mitigated and/or managed to ensure an acceptable level of environmental performance.

The Department is also satisfied that the project would provide a range of economic, social and environmental benefits, including:

- attracting about $34 million worth of investment to the Illawarra region;
- increasing workers safety;
- increasing flexibility and reliability of the special grades of steel produced at Steelworks; and
- improving environmental performance due to an increased capture of air emissions.

Consequently, the Department believes that the project is in the public interest, and should be approved subject to conditions.

7. RECOMMENDATION

It is RECOMMENDED that the Minister:

- **consider** the findings and recommendations of this report;
- **approve** the project subject to conditions; and
- **sign** the instrument of approval (see Appendix B).

Georgia Ivancevic
Industry and Mining
Major Development Assessment
Tel: 9228 6457

11/12/08

David Kitto
Director
Major Development Assessment

13.12.08

Chris Wilson
Executive Director
Major Project Assessment

Sam Haddad
Director-General

APPENDIX A – SUMMARY OF CONDITIONS OF APPROVAL

Aspect	*Condition*	*Requirement*
Schedule 2: Administrative Conditions		
Structural Adequacy	4	Requires construction of all new buildings and structures, and any alterations or additions to existing buildings and structures in accordance with the BCA.
Demolition	5	Requires all demolition works in accordance with Australian Standard AS 2601-2001: *The Demolition of Structures*.
Schedule 2: Specific Environmental Conditions		
Air	7-9	Requires dust minimisation, and an Air Quality Emissions Verification Report prior to operations.
Soil and Water	10-14	Requires compliance with Section 129 of the *Protection of the Environment Operations Act 1997*, erosion and sedimentation measures and an approval from DWE prior to intercepting groundwater.
Noise	15-16	Provides working hours for construction and required noise minimisation during construction to the Director-General's satisfaction.
Hazards	17-19	Requires various hazard and safety studies prior to construction, and operation and provides incident reporting requirements.
Waste	20-21	Requires classification of all waste generated on site in accordance with the DECC's Environmental Guidelines: *Waste Classification Guidelines* and disposed of to a facility that may lawfully accept the waste.

APPENDIX B – CONDITIONS OF APPROVAL

APPENDIX C – SUBMISSIONS

Our reference : FIL08/9873:DOC08/51438:GN
Contact : Greg Newman, (02) 4224 4100

Department of Planning
(Attention: Georgia Ivancevic)
GPO Box 39
SYDNEY NSW 2001

Dear Madam

SUBMISSION FOR BLUESCOPE STEEL
STEEL INJECTION STATION PROJECT (MP 08 0132)

We refer to the Project Application, Environmental Assessment (EA) and accompanying information provided for the above proposal, received by the Department of Environment and Climate Change (DECC) on 30 October 2008.

The DECC has reviewed the submitted information which includes the proponents draft Statement of Commitments (SOC) and has determined that it is able to support the proposal. If approval is granted, the proponent will need to make a separate application to DECC to amend the proponents existing Environment Protection Licence (EPL No 6092).

In relation to Draft SOC No 3.1 relating to *Air Quality Impacts*, the DECC has had discussions with the proponent on specific elements of this proposed program, in particular methods to validate the anticipated air quality emissions detailed in the EA. If approval is granted, it is our intention to add the attached condition to the existing EPL which is consistent with the above SOC.

There is also a number of existing EPL conditions which would apply to the project. Whilst these conditions will not be subject to variation if the project is approved, to ensure that the approval is consistent with the existing license, Department of Planning should consider these conditions when drafting any recommended approval conditions.

If you have any questions please contact Greg Newman on (02) 4224 4100.

Yours sincerely

25/11/08

PETER BLOEM
Acting Manager Illawarra
Environment Protection and Regulation

Att: Approval condition

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

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PO Box 513, Wollongong NSW 2520
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Attachment

STEEL INJECTION STATION PROJECT
Approval Condition

1. Steel Injection Station Project Air Emissions Assessment Program

Background/Objective
A modified fume collection system will be installed as part of the Steel Injection Station (SIS) Project. The system will be incorporated into to the BOS Secondary Dedusting system and include a cyclone. The investigations required under this condition will assess the changes to air emissions resulting from the SIS Project and the modified fume collection system.

Deliverables
Covered by due date below. The proponent must present a report to the Environment Protection Authority (EPA) which includes but may not necessarily be limited to:

1. post commissioning stack testing results from the Number 2 BOS Secondary Dedusting Stack (EPL stack ID 27).
2. an assessment of the emissions against the predictions made in the Air Assessment Section of the Environmental Assessment prepared by the Proponent.
3. an assessment of compliance with the Protection of the Environment Operations (Clean Air) Regulation 2002 and any other approval conditions relating to the Project.
4. a comparison and discussion of pre and post commissioning pollutant emissions (concentration and mass load) from the Number 2 BOS Secondary Dedusting Stack (EPL stack ID 27) including a discussion on the mass of dust removed by the dust extraction system cyclone.

Due Date
Commencement of operation plus 4 months.

Note 1: If the results of this investigation indicate an increase in air emissions discharged to the environment the EPA will require, in consultation with the proponent, an investigation into the source of the increase, an assessment of options to address the increase, and implementation of the most feasible option to reduce the increase.
Note 2: Stack testing must be conducted in accordance with "Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales".

NSW Government
Department of Water & Energy

Ms Georgia Ivancevic
NSW Department of Planning
GPO Box 39
Sydney
NSW 2001

Contact: Janne Grose
Phone: 9895 7651
Fax: 9895 7501
Email: janne.grose@dnr.nsw.gov.au

File: 9050893
Our Ref: ER20410
Your ref: MP08_0132

4 December 2008

Dear Ms Ivancevic

Subject: Major Project (MP08-0132) – BlueScope Steel Injection Station project, Port Kembla Steelworks – Wollongong LGA - Environmental Assessment

Thank you for your letter of 29 October 2008 seeking comment from the Department of Water and Energy (DWE) on the Environmental Assessment for the proposed project.

Reference is also made to your email of 2 December 2008 regarding DOP's proposed condition to address the potential groundwater impacts. DWE supports the condition but recommends the following amendment is incorporated in the condition:

Prior to carrying out any development associated with the project that will intercept the groundwater table and require dewatering, the proponent shall obtain the necessary approvals required for such activities from the Department of Water and Energy, and provide a copy of these approvals to the Department, ***or provide written advice from the Department of Water and Energy should an approval not be required.***

Contact Details:

Should you have any queries in respect to this matter, please contact Janne Grose on (02) 9895 7651 at the Parramatta office or Jeff Hunt on (02) 4904 2634 at the Newcastle office.

Yours sincerely

Janne Grose

for Jeff Hunt
Senior Project Planner
Major Projects and Planning

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city of innovation

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The Department of Planning
GPO Box 39
SYDNEY NSW 2001
Attn: Georgia Ivancevic

REF	**MP 08_0132**
	S08/01094
Date	1 December 2008

Dear Ms Ivancevic,

BlueScope Steel Injection Station Project (MP 08_0132), Port Kembla Steelworks

I write in reference to the above Major Project which is currently on public exhibition. Thank you for providing Council with the opportunity to comment on the proposal.

The Environmental Assessment provided has been reviewed and Council is supportive of the proposal as it provides improved safety and environmental benefits including reduced emissions and particularly reduced greenhouse gas emissions.

Should the project be approved, it is recommended that conditions of consent be imposed requiring implementation of and compliance with all mitigation measures outlined within the Environmental Assessment prepared by CH2MHILL.

I trust that these comments are of assistance. Should you require any clarification of the above, please contact Theresa Smyth of Council's City Planning Division on (02) 4227 7481.

Yours faithfully

David Farmer
General Manager

APPENDIX D – ENVIRONMENTAL ASSESSMENT

APPENDIX E – CONSIDERATION OF ENVIRONMENTAL PLANNING INSTRUMENTS

Section 75I(2) of the *Environmental Planning and Assessment Act 1979* requires that reference be made to the provisions of any environmental planning instrument that would (but for Part 3A of the Act) substantially govern the carrying out of the project. Consideration of the proposed development in the context of the objectives and provisions of the relevant environmental planning instruments is provided below.

State Environmental Planning Policy No. 33 – Hazardous and Offensive Development
SEPP 33 applies to the facility as a potentially hazardous industry. SEPP 33 aims to identify proposed developments with the potential for significant off-site impacts, in terms of risk and/ or offence (odour, noise etc). A development is defined as potentially hazardous and/ or potentially offensive if, without mitigating measures in place, the development would have a significant risk and/ or offence impact, on off-site receptors. A Preliminary Hazard Analysis was conducted to assess the hazards and risks associated with the proposal. The analysis indicated that the project would comply with the relevant guidelines for hazard and risk and the Department is satisfied with this analysis.

State Environmental Planning Policy No. 55 – Remediation of Land
State Environmental Planning Policy No. 55 – Remediation of Land (SEPP 55) applies to the site. SEPP 55 aims to ensure that potential contamination issues are considered in the determination of a development application.

The proposal would be located within the existing Port Kembla Steelworks in the heavy industrial subdivision. Minor excavation of potentially contaminated spoil would be undertaken as part of the proposal.

The Department is satisfied that contamination is not a significant issue for this site.

State Environmental Planning Policy No. 71 – Coastal Protection
State Environmental Planning Policy No. 71 – Coastal Protection (SEPP 71) applies to the site as it is within the coastal zone. SEPP 71 aims to protect and manage the NSW coast through improving public access, protecting Aboriginal cultural heritage, protecting visual amenity and coastal habitats and managing the scale, bulk and height of development along the coast.

The Department is satisfied that the proposed development is broadly consistent with the aims and other matters for consideration in the SEPP 71. The Department considers that the site is suitable for the proposed Steel Injection Station and the project would be compatible with surrounding industrial uses. It would have a negligible impact on scenic qualities as it located wholly within an existing building within the site. The site is unlikely to contain any Aboriginal sites and does not contain other items of heritage/historic significance.

Wollongong Local Environmental Plan 1990
Wollongong Local Environmental Plan 1990 (LEP) provides development controls for development in the Wollongong local government area. The proposed cogeneration plant is located in land zoned 4(b) Heavy Industrial. The objectives of the zone are to make the best use of public utilities and infrastructure required by substantial enterprises, and to allow some diversity of activities that will not significantly detract from the operation of existing or proposed industrial enterprises. The Department is satisfied that the proposed facility is consistent with the objectives of the zone.