SUPPORTING INFORMATION for the Expansion of the Downer EDI Precursor Manufacturing Facility at Mt Thorley – (Existing Major Hazard Facility) Declared State Significant Development pursuant to SEPP (State and Regional Development) 2011

Melva Place Mt Thorley

July 2013

Prepared by HDB Town Planning and Design

Document History and Status

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Hunter Development Brokerage Pty Ltd
44 Church Street, Maitland NSW 2320
PO Box 40 Maitland NSW 2320
Tel: (02) 4933 6682, Fax: (02) 4933 6683, Email: admin@hdb.com.au

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Table of Contents

APPRENDICES

1. EXECUTIVE SUMMARY

Downer EDI currently operates a Precursor Manufacturing Facility at Mt Thorley (near Singleton). The facility produces a precursor emulsion which is used as an explosive in mining operations.

The precursor produced at the facility is a viscous emulsion resulting from a chemical or physical change when two or more substances consisting of fuels and oxidisers are mixed. Ammonium Nitrate (AN) solution is blended with process oils (emulsifiers, mineral oils, and diesels), then cooled and stored as an emulsion. The emulsion produced is then suitable for sensitisation via special bulk explosive vehicles located within the mine sites.

Emulsion explosives are much safer to handle, use and store. They are relatively insensitive to detonation by friction, impact or fire. The actual manufacture and storage of emulsion is considered low risk. However, due to the quantities of Ammonium Nitrate stored and processed at the facility, the site qualifies and is licensed as a "major hazard facility" under Chapter 9 of the Work Health and Safety Regulation 2011.

Development Consent for the current facility (DA 206/97) was obtained from Singleton Council on 17th August 1998 by the previous operator, CBS Mining. The consent was for a "Dangerous Goods Depot and Emulsion Manufacturing Facility" on Lot 102 DP 262603, and Lots 1071 & 1072, DP 734560, Melva Place, Parish of Warkworth, Mount Thorley. A copy of the consent is included as Appendix 1 to this report.

Due to increased business opportunities in the Hunter Valley, Downer EDI proposes to increase the production capacity of the existing precursor manufacturing facility and the explosives storage facility on Broke Road (which is currently the subject of a separate development application to Singleton Council).

The expansion in storage and production capacity will involve the following works:

a) increase the storage capacity of Ammonium Nitrate from the current 2,500t by 1,500t (60% increase) to create new total capacity of 4,000t by converting and extending the existing vehicle maintenance shed;
b) remove the two (2) existing Ammonium Nitrate Emulsion phase precursor tanks (laying horizontally); and,
c) install four (4) new (vertical standing) Ammonium Nitrate Emulsion phase precursor tanks in the same location so as to increase the emulsion storage capacity from 80t to 160t (100% increase).

Singleton Council has advised that due to the substantial increase in stored materials and product, the proposed development would not be accepted by them as a Modification of Consent No 206/97 under Section 96 of the Act.

The proposed expansion of production and storage is considered to be significant and as a consequence a Development Application is needed. As stated previously, the current facility is licensed as a "major hazard facility" under Chapter 9 of the Work Health and Safety Regulation

2011 due to the quantities of Ammonium Nitrate stored and processed at the facility. For the purposes of Section 89C of the Act, a DA will be needed for the expansion of a declared State Significant Development (as per Land Use 10 Sub-clause 3 in Schedule 1 of SEPP (SRD) 2011).

Consequently, the requirements of the Director General for Planning are requested to facilitate the preparation of the required Environmental Impact Statement.

It is acknowledged that it will also be necessary to prepare appropriate applications to WorkCover for the proposed extended facility.

2. SITE DETAILS

2.1 Property Description

Address:	8 Melva Place, Mt Thorley
Property Description:	Lot 102 DP 262603, and Lots 1071 & 1072, DP 734560 Lot Lot 4 DP 1128108 = 0.3736ha Total = 4.78 ha
Land Owner:	Bulga Coal Management Pty Ltd
Land Lessee:	Downer EDI
Local Government:	Singleton Shire Council
Locality:	Mt Thorley
Current Zoning (LEP 1996):	4 Industrial

Proposed Zoning (DLEP 2013): IN2 Heavy Industry

Figure 1 – Subject Site
(Source: Google Maps, accessed May 2013)

2.2 Regional Context

The subject site is located within the Upper Hunter Valley Region

Figure 2 – Site Location (Regional Context)
(Source: Google Maps, accessed May 2013)

2.3 Local Context and Surrounding Development

The facility is adjacent to the Golden Highway within the Industrial Estate at Mt Thorley. The site is accessed from Melva Place which is a cul-de-sac that runs off Maskey Road.

The surrounding land uses are a combination of clustered industrial uses and expansive rural areas. The closest dwelling is approximately 1km from the manufacturing facility and the closest permanent residence is located approximately 1.24kms from the site.

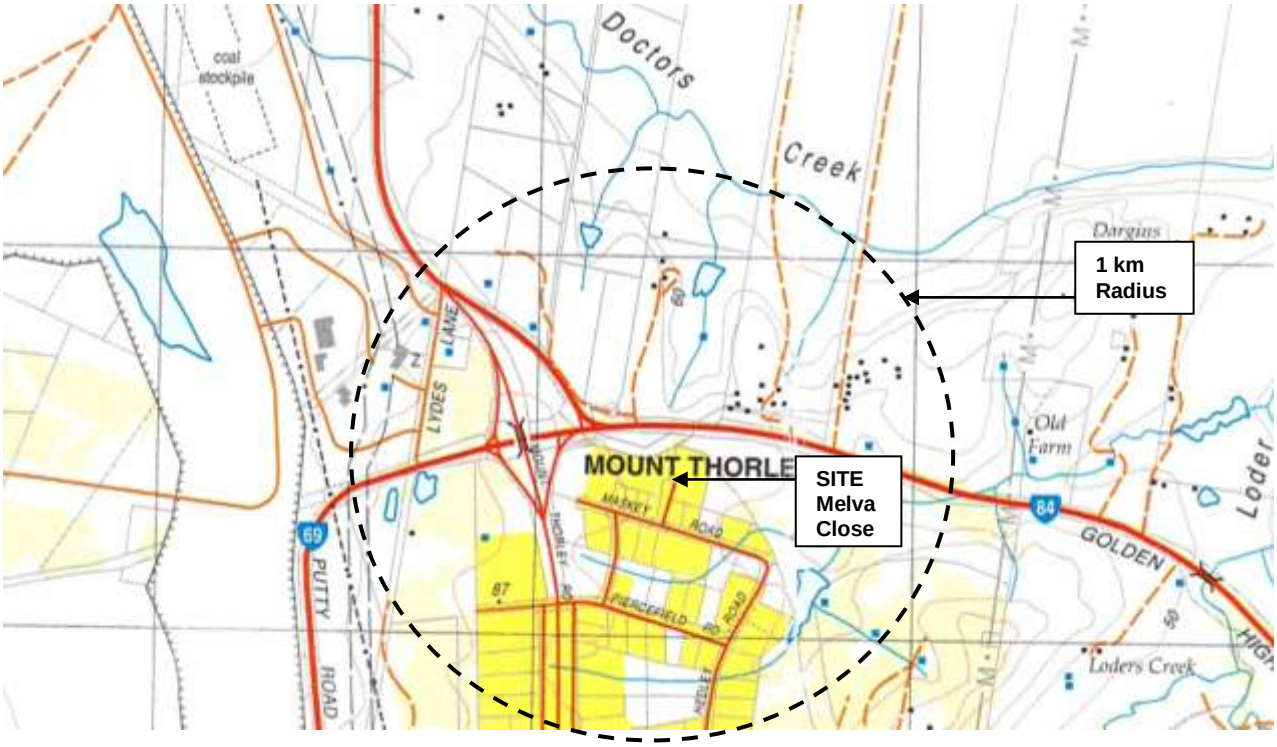

Figure 1 ~ Topographic Map
Source: Land and Property Information ©2001

3. DEVELOPMENT DESCRIPTION

3.1 Existing Development

The facility manufacturers Ammonium Nitrate Emulsion Precursor and manufactures and maintains mechanical equipment. Currently there are:

- two large sheds on the site that store the Ammonium Nitrate and Calcium Nitrate;
- a mechanics workshop;
- an emulsion manufacturing plant shed;
- two emulsion storage tanks;
- a maintenance storage shed; and,
- a small office that provides management and administrative support services for site operations.

The facility also stores small quantities of other dangerous chemicals in containers and small sheds, including Sodium Nitrate, Calcium Nitrate, Sulphamic Acid, Hexamine and Diesel. However, the quantity of these latter chemicals will not increase beyond that currently approved.

Dangerous Goods Held on Site

PRODUCT STORAGE				
Location	**Product stored**	**UN No.**	**DG Classification**	**Quantity (max)**
AN - SHED 1	Ammonium Nitrate	1942	Class 5.1 PG III	2.500 tonnes
CN - SHED 2	Calcium Nitrate	N/A	N/A	700 tonnes
ANE Tanks	HEAT Emulsion	3375	Class 5.1 PG II	80 tonnes
Diesel Tank	Diesel	N/A	C1 Combustible Liquid	42,150 L
DAM 1 Manufacturing	Sodium Thiocyanate	N/A	N/A	1,000 L
Storage shed	Emulsifier (Optex SB430D)	N/A	C2 Combustible Liquid	45,000 L
Storage shed	Sodium Nitrite	1500	Class 5.1 Sub-Risk 6.1 PG III	1,000 kgs
Storage shed	Sulphamic Acid	2967	Class 8 PG III	1,000 kgs

3.2 Proposed Expansion

The intention is to increase the storage capacity of the facility's Ammonium Nitrate and Ammonium Nitrate Emulsion as detailed in ***Table 1*** below. The existing machinery and vehicle maintenance workshop on the north-eastern side of the site is to be converted and extended to create an additional Ammonium Nitrate storage area to increase the storage capacity from 2,500 tonnes to 4,000 tonnes. Additionally the external hardstand area of the existing workshop shed will be extended. It is also intended that the existing two Ammonium Nitrate Emulsion phase precursor tanks will be replaced with four new tanks increasing the storage capacity from 80t to 160t of emulsion.

Table 1 ~ Major components of the proposed development

Aspect	***Proposal Description***
Development	Expansion of the existing precursor manufacturing facility involving:

Summary

- An increase in Ammonium Nitrate storage from the current 2,500t by 1,500t to create new total capacity of 4,000t;
- Relocate the vehicle and machinery maintenance component of the development to another off-site location and convert/extend the existing maintenance workshop/shed located on the north-eastern side of the site into an additional Ammonium Nitrate storage area;
- Extend external hardstand area of existing workshop shed;
- Replace the existing two (2) Ammonium Nitrate Emulsion phase precursor tanks (horizontal) with four (4) new tanks (vertical standing) to increase the storage capacity from 80t to 160t of emulsion.

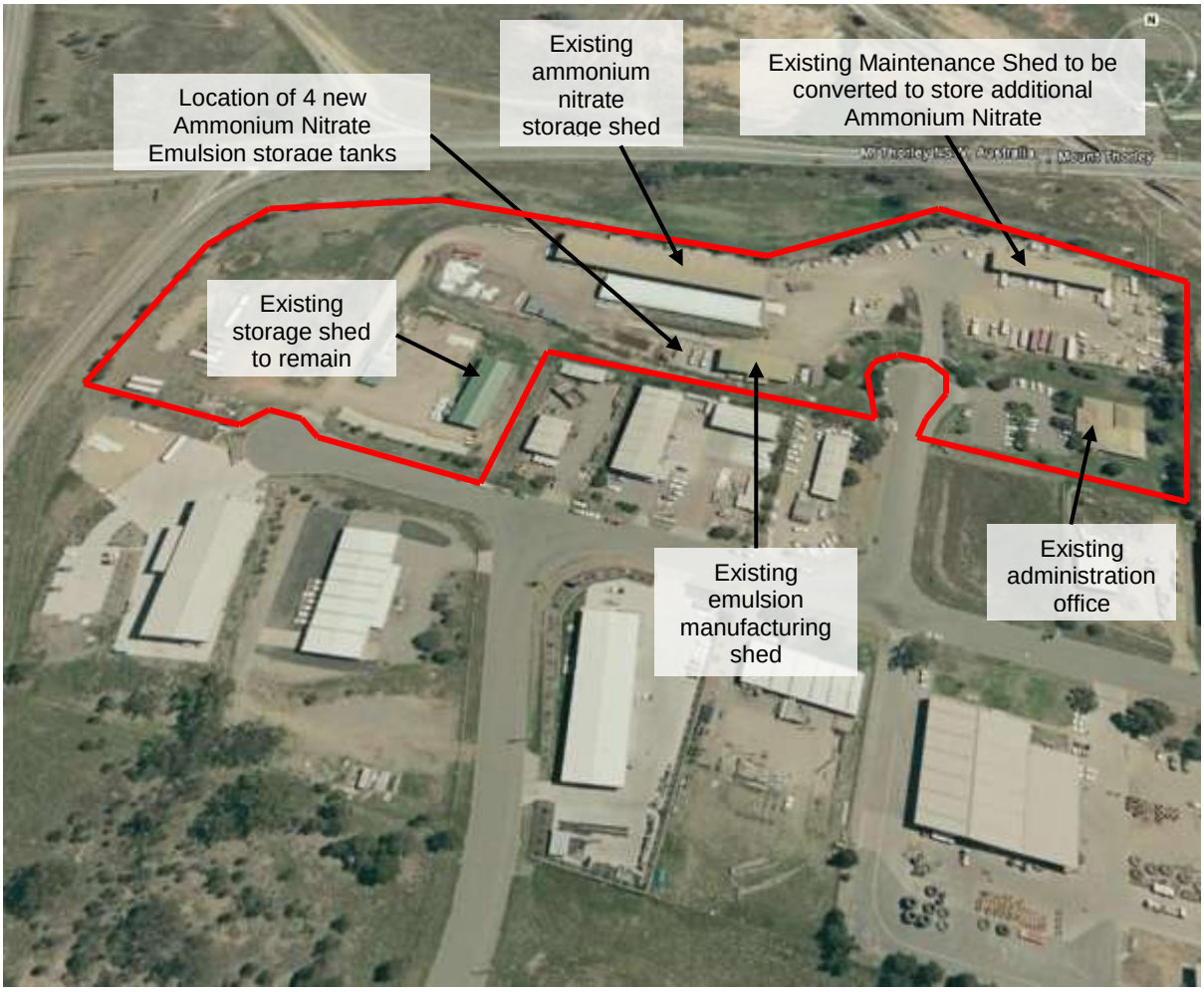

Figure 2 ~ Aerial Photograph of the site (outlined red)
Source: Google Earth ©2012

4. PERMISSIBILITY AND STRATEGIC PLANNING

4.1 State Planning Context

4.1.2 State Environmental Planning Policy (State and Regional Development) 2011

State Environmental Planning Policy (State and Regional Development) 2011 ('the SEPP') identifies development that is declared to be State Significant Development (SSD).

Clause 8(1) of the SEPP states that for the purposes of the Act, development specified within Schedule 1 or 2 of the SEPP is declared to be SSD.

8 Declaration of State significant development: section 89C

(1) Development is declared to be State significant development for the purposes of the Act if:

(a) the development on the land concerned is, by the operation of an environmental planning instrument, not permissible without development consent under Part 4 of the Act, and

(b) the development is specified in Schedule 1 or 2.

Schedule 1 of the SEPP

Land Use *10 Chemical, manufacturing and related industries* in Schedule 1 of the SEPP states that:

(3) Development for the purpose of the manufacture, storage or use of dangerous goods in such quantities that constitute the development as a major hazard facility within the meaning of Chapter 6B of the *Occupational Health and Safety Regulation 2001*.

NOTE: The Occupational Health and Safety Regulation 2001 was repealed by sec 276C of the Work Health and Safety Act 2011 No 10 with effect from 1.1.2012.

The existing facility is licensed as a "major hazard facility" under Chapter 9 of the Work Health and Safety Regulation 2011. As such, the facility meets the criteria to qualify as a declared SSD and any substantial expansion requires a Development Application.

Permissibility under Singleton LEP 1996 and Draft LEP 2013

LEP 1996

The subject land is currently zoned 4 (Industrial Zone) under Singleton LEP 1996. It is assumed that the proposed use of the land at the time of the consent in 2008, for a "Dangerous Goods Depot and Emulsion Manufacturing Facility", was defined by Council as "***industry***" which is a permissible use in the zone.

Draft LEP 2013

Draft Singleton LEP 2013 (notification of which is imminent) defines the current use as "***heavy industry***" which is to be a permissible use in the proposed IN3 Heavy Industrial Zone in the Draft LEP 2013.

4.1.3 State Environmental Planning Policy No. 33 (Hazardous and Offensive Development) 1992

Emulsion explosives are relatively insensitive to detonation by friction, impact or fire. The actual manufacture and storage of emulsion is considered low risk. For the purposes of SEPP 33, the proposed development is considered to fall within the definition of a "potentially hazardous development" being:

a development for the purposes of any industry which, if the development were to operate without employing any measures (including, for example, isolation from existing or likely future development on other land) to reduce or minimise its impact in the locality or on the existing or likely future development on other land, would pose a significant risk in relation to the locality:

(a) to human health, life or property, or
(b) to the biophysical environment,

and includes a hazardous industry and a hazardous storage establishment.

In this regard, the provisions of the SEPP would apply in relation to hazard analysis and mitigation measures.

4.2 Regional Planning Context

4.2.1 Upper Hunter Strategic Regional Land Use Plan 2012 (UHSLUP)

The proposed expansion of the existing facility is considered to be consistent with the objectives of the UHSLUP. The proposal will have both social and economic benefits for the Singleton area in supporting the regions mining industry, by enabling Downer EDI to supply mine related operations in the Hunter in a safe and efficient manner.

4.3 Local Planning Context

4.3.1 Singleton Local Environmental Plan 1996

Land Use Zoning

The proposed development is located on land within **Zone 4 (Industrial Zone)**.

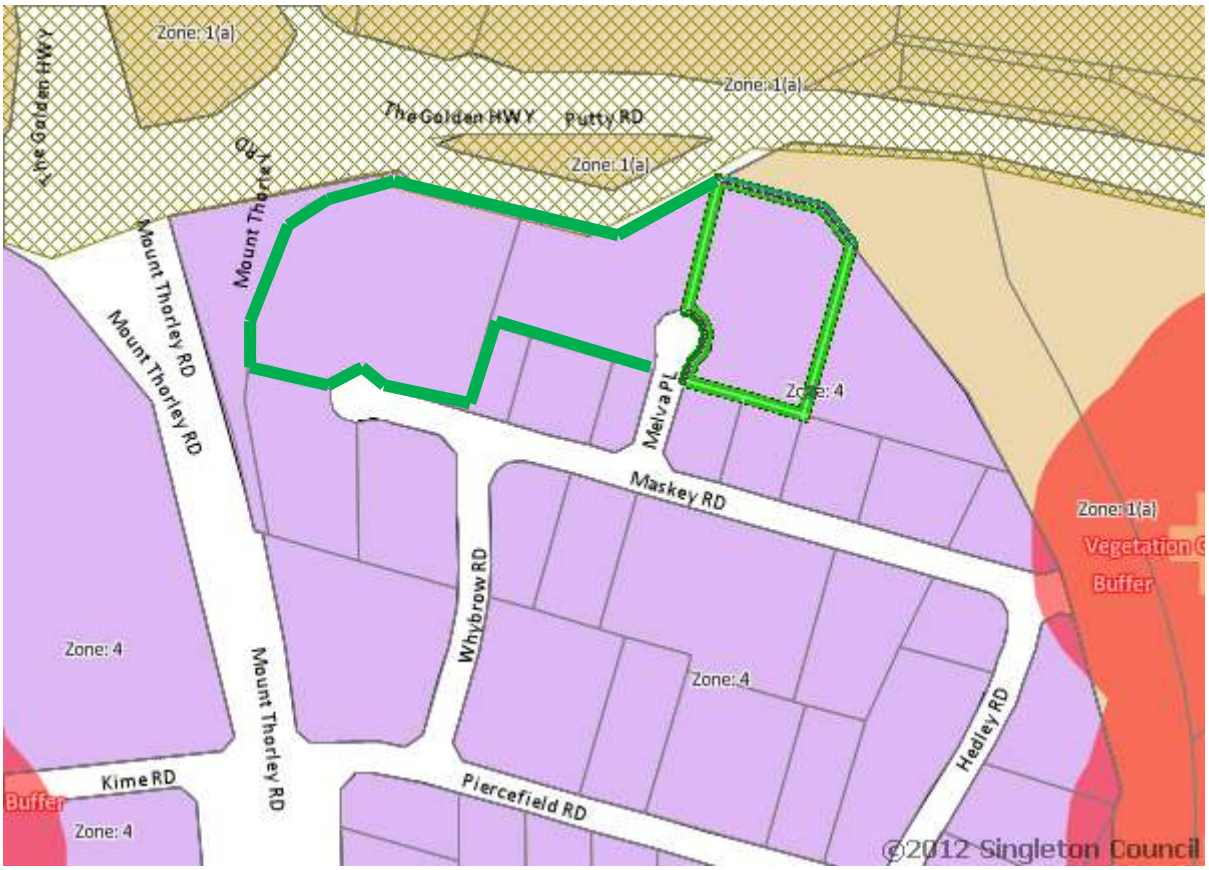

Figure 7 – Zoning Map

The objectives of the zone are:

1 Objectives of zone

(a) to allocate sufficient land in suitable locations to facilitate and promote the establishment of a broad range of industrial uses,

(b) to allow commercial or retail uses only where they are associated with, ancillary to or supportive of, industrial development,

(c) to provide industry-related training establishments in appropriate locations.

The proposed development is considered to be consistent with the objectives of the zone.

4.3.2 Draft Singleton LEP 2013

Draft LEP 2013 defines the existing and proposed development as:

heavy industry *means a building or place used to carry out an industrial activity that requires separation from other development because of the nature of the processes involved, or the materials used, stored or produced, and includes:*

(a) hazardous industry, or

(b) offensive industry.

It may also involve the use of a hazardous storage establishment or offensive storage establishment.

The objectives of the zone are as follows:

Zone IN3 Heavy Industrial
1 Objectives of zone
• To provide suitable areas for those industries that need to be separated from other land uses.
• To encourage employment opportunities.
• To minimise any adverse effect of heavy industry on other land uses.
• To support and protect industrial land for industrial uses.

2 Permitted without consent
Nil

3 Permitted with consent
Depots; Freight transport facilities; General industries; Hazardous storage establishments; Heavy industries; Kiosks; Offensive storage establishments; Roads; Take-away food and drink premises; Warehouse or distribution centres; Any development not specified in item 2 or 4

4 Prohibited
Agriculture; Air transport facilities; Amusement centres; Animal boarding or training establishments; Boat launching ramps; Boat sheds; Camping grounds; Car parks; Caravan parks; Cemeteries; Charter and tourism boating facilities; Child care centres; Commercial premises; Community facilities; Educational establishments; Eco-tourist facilities; Entertainment facilities; Environmental facilities; Exhibition homes; Exhibition villages; Extractive industries; Farm buildings; Forestry; Function centres; Health services facilities; Home-based child care; Home businesses; Home occupations; Home occupations (sex services); Information and education facilities; Jetties; Light industries; Marinas; Moorings; Mooring pens; Mortuaries; Open cut mining; Passenger transport facilities; Places of public worship; Port facilities; Public administration buildings; Recreation facilities (indoor);

4.3.3 Singleton Council Development Control Plan

Pursuant to Clause 11 of the SRD SEPP, the provisions of a Development Control Plan do not apply to SSD.

4.4 Other Relevant NSW Legislation

As stated previously, the current facility is licensed as a "major hazard facility" under Chapter 9 of the Work Health and Safety Regulation 2011.

5. IMPACT IDENTIFICATION AND ASSESSMENT

5.1 Impacts of Construction Work and Operational Activities

Building alterations to the existing maintenance workshop and the erection of the 4 emulsion storage tanks will have insignificant impacts on the environment and surrounding land uses.

The increased storage capacity may generate a small increase in traffic movements associated with deliveries of products to and from the site. Conversely, the removal of the machinery and vehicle maintenance operations from the site will see a reduction in the number of movements of small vehicles and plant to and from the site. The existing road network has the capacity to easily accommodate any additional traffic movements.

Downer EDI has developed the internal layout to meet their operational requirements and methods and there will be little change in the production processes associated with the facility. The construction work associated with the proposed expansion will not have any noticeable impact on the locality.

The proposed extension is therefore considered suitable for the site with minimal design constraints present.

5.2 Potential Impacts Associated with the Increase in the Quantity of Materials Stored on Site

The Mount Thorley facility Emergency Management Plan states that the main hazards associated with the materials on the site are related to the properties of ammonium nitrate and HEAT emulsion.

- **Heating, fire & decomposition:** Ammonium nitrate and HEAT Emulsion are oxidising agents and will support fires involving combustible material by providing oxygen, but they will not burn themselves. Gases emitted include nitrogen oxides.
- **Explosion:** An explosion of ammonium nitrate or HEAT Emulsion could occur only under extreme conditions of heating and confinement, contamination and/or initiation by a shock wave or impact.

Due to the quantities of materials stored at the site, the potential impact of an ignition incident could extend a significant distance and impact on other land uses within the surrounding industrial area and beyond. However, due the properties of the materials, considerable warning should be available to take response actions to minimize the potential for a significant event and/or evacuate or protect people who could be affected.

The Downer EDI Major Hazard Facility Safety Report (Dec 2011) provides information in relation to the potential consequences of an explosion. Due to the controls on storage (eg. separation distances) and the nature of the materials, it is anticipated that the consequences of an explosion associated with the increase in the quantity of materials stored on the site will remain relatively unchanged from that which currently exist.

Key deliverables will be a Potential Hazard Analysis (PHA), and a revised Emergency Management Plan that will quantify the potential impacts and demonstrate that the risk control

measures that have been adopted eliminate/reduce the risk of a major accident occurring and the magnitude/severity of its consequences to persons both on and off the site.

The findings of such analysis and reporting will ultimately determine whether the implementation of risk mitigation measures will appropriately mitigate any perceived increase in risk associated with the proposed increase in storage capacity.

5.3 Potential Environmental Impacts

The proposed extensions will not impact on existing vegetation. The conversion of the existing workshop to become an additional storage shed will result in some increase in runoff from the additional roof area and hardstand area. All runoff will be managed in accordance with Council requirements.

Waste management will be in accordance with Downer EDI Mining's Safety Report (2011).

The subject land is not within a designated flood prone area and is not identified as being bushfire prone land.

The subject site is not located in a mine subsidence district and there are no known geotechnical issues that will affect the proposed development.

In terms of the potential for contamination to occur, due to the controlled state of storage on the site, there is very little potential to contaminate the surrounding environment. The existing facility has operated for a significant amount of time without incident under strict licensing conditions.

6. CAPITAL INVESTMENT VALUE

The estimated value of capital works associated with the Expansion of the Storage Capacity is estimated to be $260,000 (incl GST).

APPENDIX 1 – Development Consent DA 206/97

Mr K Horner

DA 206/97

17 August, 1998

CBS Mining Group Pty Ltd
PO Box 741
SINGLETON NSW 2330

DETERMINATION OF DEVELOPMENT APPLICATION

ENVIRONMENTAL PLANNING AND ASSESSMENT ACT, 1979

Dear Sir/Madam

Pursuant to Section 92 of the Act, you are notified that the application No. 206/97 relating to the land and proposal described below, has been determined by the granting of consent subject to the conditions specified in this notice.

Land:

Lot 102 DP 262603, and Lots 1071 & 1072 DP 734560, Melva Place, Parish of Warkworth, Mount Thorley.

Proposal:

Dangerous Goods Depot and Emulsion Manufacturing Facility.

Approval Conditions:

The application has been approved subject to compliance with the following conditions:

1 **APPROVAL IN ACCORDANCE WITH PLANS - The development being carried out generally in accordance with the development application and accompanying revised Environmental Impact Statement prepared by Rise Management and Consulting Services and dated 20 March 1998, as may be modified by subsequent documentation submitted by the applicant prior to determination and the conditions set out herein.**

2 **DEVELOPMENT STUDIES - The Applicant shall submit the following studies to Council for approval within one month of the date of this notice. If the studies are found to be inadequate Council may order activities to cease.**

(a) Fire Safety Study

A fire safety study shall be prepared for the development, covering all aspects detailed in the Department of Urban Affairs and Planning's (DUAP) Hazardous Industry Planning Advisory Paper (HIPAP) No. 2 *Fire Safety Study Guidelines* and the NSW Government's *Best Practice Guidelines for Contaminated Water Retention and Treatment Systems*. In particular, the study is to address the following issues:

- **Ensuring that fire escalation will not lead to an emulsion precursor explosion;**
- **An outline of all fire prevention, protection and firefighting measures and equipment;**
- **Emergency plan/procedures and compliance to the relevant Australian Standards applicable to the development;**
- **Details of required hydrants and hose reels, together with water supplies, location of connections, rate of application supported by full hydraulic calculations being submitted to the NSW Fire Brigades for compliance to the Building Code of Australia; and**
- **Details of all fire water retention.**

The study shall also be submitted for approval to the NSW Fire Brigades.

(b) Hazard and Operation Study

A Hazard and Operation Study shall be prepared for the development, chaired by an independent qualified person approved by the Director General of DUAP prior to the commencement of the study. The study shall be carried out in accordance with DUAP's HIPAP No. 8 *HAZOP Guidelines*.

(c) Transport of Hazardous Materials

A Transport of Hazardous Materials Study shall be prepared for the development covering arrangements for the transport of hazardous materials including details of routes to be used for the movement of vehicles carrying hazardous materials to and from the development. The study shall be carried out in accordance with DUAP's draft *Route Selection* guidelines. Suitable routes identified in the study shall be used except where departures are necessary for local deliveries or emergencies.

(d) Emergency Plan

A comprehensive emergency plan and detailed emergency procedures shall be prepared for the development. This plan shall include detailed procedures for the safety of all people outside of the development who may be at risk from the development. The plan shall be in accordance with DUAP's HIPAP No. 1 *Industry Emergency Planning Guidelines*.

(e) Safety Management System

A document setting out a comprehensive safety management system, covering all operations on-site and associated transport activities involving hazardous materials shall be prepared for the development. The document shall clearly specify all safety related procedures, responsibilities and policies, along with details of mechanisms for ensuring adherence to procedures. Records shall be kept on-site and shall be available for inspection by Council upon request. The Safety Management System shall be developed in accordance with DUAP's HIPAP No. 9 *Safety Management*.

3 **INCIDENT REPORT - Within 24 hours of any incident or potential incident with actual or potential significant off-site impacts on people or the biophysical environment, a report shall be supplied to Council outlining the basic facts. A further detailed report shall be prepared and submitted following investigations of the causes and identification of necessary additional preventative measures. That report must be submitted to Council no later than 14 days after the incident or potential incident.**

The Applicant shall maintain a register of accidents, incidents and potential incidents. The register shall be made available for inspection at any time by the independent hazard auditor (required by Condition 4 herein) and the Council.

4 **HAZARD AUDIT - Twelve months after the commencement of operations of the development, or within such further time as Council may agree, The Applicant shall carry out a comprehensive audit of the development and within one month of the audit submit a report to Council. The audit shall be carried out at the Applicant's expense by a duly qualified independent person or team approved by the Director General of DUAP prior to commencement of the audit. Further audits shall be carried out every three years or as determined by Council and a report of each audit shall within a month of the audit be submitted to Council. Hazard audits shall be carried out in accordance with DUAP's HIPAP No. 5 *Hazard Audit Guidelines*.**

The audit shall include a review of the site safety management system and a review of all entries made in the incident register since the previous audit.

5 **FURTHER REQUIREMENTS - The Applicant shall comply with all reasonable requirements of Council in respect of the implementation of any measures arising from the reports submitted in respect of Conditions 2 to 4 inclusive, within such time as Council may agree.**

6 **AIR AND DUST EMISSIONS - The site is to be operated and maintained in a proper and efficient manner so as to minimise dust emissions. The Applicant shall comply with any reasonable request of Council in this regard.**

7 **NOISE CONTROL - Noise emissions from the site shall not exceed the appropriate noise planning goals as provided by the Environment Protection Authority's (EPA) *Environmental Noise Control Manual*.**

8 **GROUNDWATER - The Applicant shall investigate the risk of groundwater contamination to the satisfaction of the Department of Land and Water Conservation (LWC) and shall also undertake any mitigating or remedial measures as may be required by LWC.**

9 **SOIL EROSION AND SEDIMENT CONTROL - The Applicant shall submit within one month of the date of this notice an Erosion and Sediment Control Plan prepared in accordance with LWC standards, for the site to the satisfaction of Council.**

10 **STORMWATER MANAGEMENT - The Applicant shall demonstrate that all clean stormwater will be diverted without causing erosion or significantly increased velocities into watercourses near the site. A stormwater management plan shall be developed as part of the Erosion and Sediment Control Plan for the site to minimise water quality impacts caused by stormwater leaving the site.**

11 **CONTAMINATED WATER MANAGEMENT - The Applicant shall submit within one month of the date of this consent plans for a "first flush" water management system for the chemical storage and handling areas prepared in accordance with the EPA's resource manuals *Stormwater First Flush Pollution* (December 1995) and *Bunding and Spillage Management* (November 1997).**

12. **SOLID WASTE DISPOSAL - All solid waste shall be disposed of in an approved manner.**

Reasons for Conditions

1 **To ensure that the development is carried out in accordance with the submitted plans.**

2 **To ensure the provisions of Section 90 of the Act are addressed and to minimise any potential adverse impacts the proposal may have on the environment and the amenity of the locality.**

Advice

1. **Of the right of appeal.**

2 **The Roads and Traffic Authority (RTA) request that road transport between Newcastle and the development be limited to daytime shifts and that no heavy vehicle movements use MR615, Werribi Street, between the Pacific Highway and Industrial Drive, Mayfield.**

To ascertain the date upon which the consent becomes effective refer to Section 93 of the Act. The consent becomes effective and operates after the expiration of 28 days from the date of this letter, unless an appeal to the Land and Environment Court has been made pursuant to section 97 of the Act.

117

To ascertain the extent to which the consent is liable to lapse refer to Section 99 of the Act. The Act confers on an applicant a right of appeal to the Land and Environment Court exercisable within 12 months after receipt of this notice.

If you have any further inquiries regarding the approval, please contact Mr Ken Horner of Council's Development & Environmental Services Division, on (02) 65 787 291.

Yours faithfully

K HORNER
SENIOR TOWN PLANNER

encl

KH.am da206-97

APPENDIX 2 – EPA Letter dated 3 January 2013

NSW EPA

Your reference: 12/41
Our reference: DOC12/47567, LIC11/139
Contact Emma Paull; (02) 49086828

Date: 7/1/13
File No.: 12/41
Folio No.: 38005;
Action To: KB
Complete:
Date Complete:

HDB Town Planning & Design
PO 40
MAITLAND NSW 2320

3 JAN 2013

Attention: Mr Kerry Nichols

Dear Mr Nichols

Request for Preliminary Comments
Extension to Precursor Manufacturing Facility
Downer EDI Mining – 8 Melva Place, Mt Thorley, NSW

Reference is made to your correspondence dated 13 November 2012, and received by the Environment Protection Authority (EPA) on 14 November 2012, requesting preliminary comments in relation to a proposed extension to an existing Precursor Manufacturing Facility at Lots 102 and 107, DP262603, 8 Melva Place, Mt Thorley, NSW (the premises). Downer EDI Mining – Blasting Services Pty Ltd currently holds Environment Protection Licence 12325 (the licence) for "chemical production – dangerous goods production" at the premises.

The EPA notes the information provided and advises that it will undertake a detailed review of any Statement of Environmental Effects referred for comment by the consent authority during the exhibition period for the development application. Any EPA submission will include, where appropriate, recommended conditions of approval. Upon review of the detailed submission, it may be identified that an application to vary the licence is also required.

Should you require any further information regarding this matter please contact Emma Paull on (02) 4908 6828.

Yours sincerely

KAREN MARLER