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Department of Planning
GPO BOX 39
SYDNEY NSW 2001

APPLICATION

MP-2007/103

Date

28 May 2009

Dear Sir/Madam

Supplementary Comments for Apex Energy Project

Development	The proposal involves the drilling of approximately 20 exploratory wells to a depth of 50m below the base of the Illawarra Coal Measures to test goaf gas from abandoned mine workings and to determine the gas potential in un-mined coal seams
Location	HELENSBURGH, LILYVALE, WORONORA DAM, MADDENS PLAINS, DARKES FOREST and CATARACT

I refer to the above major project application.

Council's Traffic Engineer has now reviewed the traffic related documentation provided for this project and has raised no concerns. It is however suggested that the following conditions are imposed on any approval granted:

- The parking dimensions, internal circulation, aisle widths, kerb splay corners, head clearance heights, ramp widths and grades of the car parking areas are to be in conformity with the current relevant Australian Standard series of AS2890.
- Any proposed structures adjacent to the driveway shall comply with the requirements of the latest version of Australian / New Zealand Standard AS/NZ 2890.2 to provide for adequate sight distance. This includes, but is not limited to, structures such as signs, letterboxes, retaining walls, dense planting etc.
- **Site Management, Pedestrian and Traffic Management (Where Works are Proposed in or from a Public Road Reserve)**

As part of an application for a permit under Section 138 of the Roads Act 1993, a Site Management, Pedestrian and Traffic Management Plan shall be submitted to the relevant authority (Council's Manager Regulation and Enforcement if Council is the consent authority) for approval prior to works commencing on the site. This plan shall address what measures will be implemented for the protection of adjoining properties, pedestrian safety and traffic management and shall be in compliance with the requirements of the latest versions of Australian Standard AS1742 - Traffic Control Devices for Works on Roads and the RTA Traffic Control at Worksites Manual.

This plan is required to maintain public safety, minimise disruption to pedestrian and vehicular traffic within this locality and to protect services, during demolition, excavation and construction phases of the development.

This plan shall include the following aspects:

- a) proposed ingress and egress points for vehicles to/from the construction site;
- b) proposed protection of pedestrians, adjacent to the construction site;
- c) proposed pedestrian management whilst vehicles are entering/exiting the construction site;
- d) proposed measures to be implemented for the protection of all roads and footpath areas surrounding the construction site from building activities, crossings by heavy equipment, plant and materials delivery and static load from cranes, concrete pumps and the like;
- e) proposed method of loading and unloading excavation machines, building materials formwork and the erection of any part of the structure within the site;
- f) proposed areas within the site to be used for the storage of excavated material, construction materials and waste containers during the construction period;
- g) proposed traffic control measures such as advanced warning signs, barricades, warning lights, after hours contact numbers etc are required to be displayed where works are in progress in any road reserve and shall be in accordance the latest versions of the NSW Roads and Traffic Authority's Specification - "Traffic Control at Work Sites Manual" and the Australian Standard AS1742. - "Manual of Uniform Traffic Control Devices" and accompanying field handbooks (SAA HB81);
- h) proposed method of support of any excavation, adjacent to adjoining buildings or the road reserve. The proposed method of support is to be certified by an accredited certifier in Civil Engineering; and
- i) proposed measures to be implemented, in order to ensure that no soil/excavated material is transported on wheels or tracks of vehicles or plant and deposited on the roadway.

The approved plan shall be implemented, prior to the commencement of any works upon the construction site.

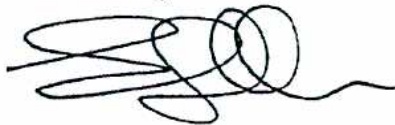
- **Temporary Road Closure(s)**

If a local road closure is required an approval must be obtained from City of Wollongong Traffic Committee.

Note: It may take up to 6 weeks for approval. An application for approval must include a Traffic Control Plan prepared by a suitably qualified person which is to include the date and times of closure and any other relevant information. The traffic control plan shall satisfy the requirements of the latest versions of Australian Standard AS1742 – Traffic Control Devices for Works on Roads and the RTA Traffic Control at Worksites Manual

Should you wish to discuss the matter, please do not hesitate to contact me.

Yours faithfully



Erin Fuller
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