



Mr Mark Jarvis
Project Manager - Water Treatment Systems
Ixon Pty Ltd
Level 10, 1 Nicholson Street
East Melbourne VIC 3002

Dear Mr Jarvis

Chlor-Alkali Plant, Matraville
Secretary's Environmental Assessment Requirements (SEARs)
DA 35/98 MOD 5

I refer to your emails of 18 November 2016 and 16 December 2016 seeking the Secretary's environmental assessment requirements (SEARs) for the preparation of an Environmental Assessment (EA) to support the modification request to the Minister's consent for the Chlor-Alkali Plant. The request is under section 75W of the *Environmental Planning and Assessment Act 1979* (EP&A Act).

The Department understands the proposal is to construct a packaging facility to enable the site to package selected chemicals into 200 litre drums, and 1,000 litre Intermediate Bulk Containers (IBCs). The SEARs for the modification request are based on the information provided to date and include the following:

- **Details of the existing operations on the site**, including:
 - existing and approved operations/facilities, including any statutory approvals that apply to these;
 - a summary of the existing conditions of consent that would be relevant to the proposal;
 - a summary of the existing environmental management and monitoring regime;
- **Description of the modification** including plans of any proposed works;
- **Need and justification for the modification;**
- **Identification of conditions to be modified;**
- **Other approvals** – identification of any proposed variations to other licences and approvals including the current Environment Protection Licence and *Environmentally Hazardous Chemicals Act (1985)* Licence;
- **Identification of the potential environmental impacts of the modification** – including a more detailed assessment of the key issues identified below;
- **Hazards and Risks**, including:
 1. a preliminary risk screening carried out in accordance with *State Environmental Planning Policy No. 33 – Hazardous and Offensive Development* and Applying SEPP 33 (DoP, 2011), with a clear indication of class (including the subsidiary risk), quantity, package size, and location of all dangerous goods and hazardous materials associated with the proposed modification.
 2. should the preliminary risk screening indicate that the proposed modification is “potentially hazardous”, a Preliminary Hazard Analysis (PHA) must be prepared in accordance with Hazardous Industry Planning Advisory Paper No. 6 – Guidelines for Hazard Analysis (DoP, 2011), and Multi-Level Risk Assessment (DoP, 2011). The PHA must:
 - identify the hazards associated with the proposed modification to determine the potential for off-site impacts;
 - estimate the risks from the proposed modification and the cumulative risks from the existing facility and the proposed modification;

- demonstrate that the proposed modification complies with the criteria set out in Hazardous Industry Planning Advisory Paper No 4 - Risk Criteria for Land Use Safety Planning; and
 - demonstrate that the proposed modification does not increase the cumulative risk of the Botany Industry Park (BIP) to unacceptable levels;
3. evaluate the impacts (if any) from the modification on the overall risks from transport of Dangerous Goods on Denison Street.
- **Air Quality** – including details of any emissions and control measures;
 - **Traffic and Transport** - including details of traffic types, volumes and haul routes and details of internal road layout, and parking;
 - **Stormwater** - proposed stormwater management and onsite bunding; and
 - **Construction and Operational Noise** - potential operational and construction noise impacts including details of noise mitigation and monitoring (if necessary).

The Department strongly recommends that you consult with other relevant government agencies and the community in preparing the EA including, but not limited to Safework NSW, Bayside Council and the Environment Protection Authority.

Following the provision of the EA, the Department will advise you of the applicable fee (under Division 1A, Part 15 of the *Environmental Planning and Assessment Regulation 2000*).

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

Yours sincerely



Chris Ritchie
Director
Industry Assessments

22/12/16.