



**19 September 2025**

Deana Burn  
NSW Department of Planning, Housing and Infrastructure  
4 Parramatta Square,  
12 Darcy Street,  
Parramatta NSW 2150

SW Reference: 2025/BW015

**IXOM's State Significant Development (SSD) Modification Application (Application Number DA35/98-Mod-6: MOD 6 Chlorine Liquefaction Plant)**

Dear Deana,

This letter is regarding IXOM's SSD Modification Application to construct and operate a new chlorine liquefaction and packaging plant at its chlor-alkali facility in Botany, NSW.

Gaseous chlorine is the primary chemical used by Sydney Water for water disinfection to ensure public health requirements for drinking water are met. Security of supply of gaseous chlorine is critical for the safe supply of drinking water for Greater Sydney. IXOM supplies chlorine gas to Sydney Water.

We understand that IXOM's Laverton facility in Victoria is currently the sole packaging facility for liquefied chlorine gas in Australia. We have been advised by IXOM that although IXOM's Botany facility in NSW also manufactures chlorine, it is used in the production of other chlorine-based products and no chlorine gas is produced as a finished product.

We have been advised by IXOM that:

1. Its proposed Botany plant expansion (to add the capability to produce bulk and packaged liquefied chlorine gas) would provide Australian utilities with an option for a second source of supply and thereby increase the sovereign supply chain resilience of this critical product.
2. The project will achieve the above by:
  - providing a contingency source capable of supplying 100% of the Australian bulk and packaged liquefied chlorine gas market at short notice, in the event of a catastrophic failure of the IXOM Laverton plant; and
  - removing the need for water utilities to rely on imports as a supply contingency for chlorine gas, therefore mitigating risk arising from international shipping disruptions, international chlorine production levels and/or Australia's access to international supply chains.

For the reasons outlined above, Sydney Water Corporation supports IXOM's SSD Modification Application to construct and operate a new chlorine liquefaction and packaging plant at its facility in Botany, NSW.

Yours sincerely,



**Louise Beer**

**A/Executive General Manager  
Water & Environment Services  
Sydney Water**

September 22, 2025