

29 January 2020

Mr Vikas Rambal
Chairman
Perdaman
Alluvion Building
Level 17, 58 Mounts Bay Rd
PERTH WA 6000

Dear Vikas,

RE: PERDAMAN ENVIRONMENTAL REVIEW DOCUMENT

In addition to the letter provided on the 15 September 2019, the information contained below provides further clarification sought for the Perdaman Environmental Review Document (ERD) on the future use of the Multi-User Brine Return Line (MUBRL) by Perdaman's proposed Urea Project in the Burrup Strategic Industrial Area (BSIA). See clarifications specific to 2.3.4 and 4.3.5 below.

Section 2.3.4 Wastewater: Project wastewater discharge quantity can be accommodated by the Water Corporation's approved Multi-User Brine Return Line (MUBRL).

The MUBRL was approved as facilities, and with capacities, to service multiple identified and future projects. The MUBRL was approved to provide a seawater supply system with a capacity of approximately 280ML/d; provide a brine discharge into King Bay with capacity of 208ML/d; to accept treated industrial and domestic wastewater into brine discharge stream from facilities with environmental approval; and to construct and operate desalination plants on the Burrup Fertilisers PTY Ltd lease and potentially other sites.

The approvals provided the potential for capital works being required over time to satisfy future demands within the umbrella of the approval pursuant to Ministerial Statements 567 then as amended by Statement 594, therefore, future sites/customers are provided for. Process wastewater and domestic wastewater can be accepted within the limits outlined in the Ministerial Statements 567 and 594, and it's supporting Operational Marine Monitoring Program (OMEMP) from industries on the Burrup.

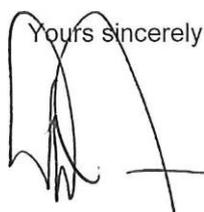
Future works may be required to accommodate Perdaman's request of 20GL/a. Capital works will be needed to ensure longevity of the system or to fulfil request for upgraded capacity if required.

Section 4.3.5 Assessment of Impacts: Water Corporation MUBRL to accept the discharged waste water and meets the Environmental Management Commitments.

The Water Corporation holds Ministerial Statements 567 and 594 issued under the *Environmental Protection Act 1986* for the supply of seawater and the discharge of a combined brine and wastewater stream to King Bay. These approvals manage potential impacts from the abstraction and discharge of the combined waste stream to the marine environment through modelling to the ultimate capacity undertaken as part of those approvals and remain the responsibility of the Corporation. As per letter dated 25 Feb 2019, the Corporation will be responsible for obtaining or, if required, amending existing environmental approvals associated with the scheme outside of the urea fertiliser plant limits.

The project definition forming part of these statements recognises that project will have an initial implementation (completed) and potential later additional work to augment the installed plant to allow the final approved volumes. Given available design information on the additional works necessary and any subsequent increase in risk, Water Corporation will at this stage, be likely to require an amendment to the current OMEMP and / or Ministerial Statements 567 and 594. This will be confirmed during final design and assessment of risk. It is predicted that approximately 20 GL/a of wastewater will require disposal per year. This additional volume can be accommodated within the ultimate volumes approved pursuant to the applicable Ministerial Statements which allows for 208ML/d (75.9GL/a) brine discharge.

I trust this assists. Please don't hesitate to contact me should you have any queries in regard to the above.

Yours sincerely


David Juers

Head of Customer & Industry Partnerships