

**Full name:** Rupert Macgregor

**Postcode:** 2600

**Submission content:**

I am deeply concerned by the proposal to pump tens of litres of water from the Adelaide River floodplain each year, during wet season flows, into a basin adjacent to the river; which would have the consequence of inundating 33 square kilometres of old growth forest near Marakai Road. I am particularly concerned as to how this proposal would reduce water flow into seasonal floodplain ecosystems, which support so many vitally important Territory species, such as barramundi, sawfish, and migratory waterbirds. I am concerned to note that almost 50% of this water will be for the proposed Middle Arm gas hub -(a potentially catastrophic proposal which should never receive approval for implementation) - with most of the remaining water to be reserved for horticulture: and just a fraction for residential water use. I have major concerns that this approval process will not take into account the full extent and negative consequences of potential impacts on the terrestrial and aquatic environments of the Adelaide River catchment and downstream coastal ecosystems. Therefore, I urge that, before this assessment process proceeds further, an all-encompassing and rigorous scientific assessment be undertaken of likely impacts, and their potential consequences. Thank you for the opportunity to advance these concerning aspects for your consideration.