

Our ref: OUT22/4313

Mandana Mazaheri  
Planning and Assessment Group  
NSW Department of Planning and Environment  
Email: [mandana.mazaheri@planning.nsw.gov.au](mailto:mandana.mazaheri@planning.nsw.gov.au)

10 May 2022

---

Subject: **Kurri Kurri Lateral Pipeline Project (SSI-22338205) – Environmental Impact Statement (EIS)**

Dear Ms Mazaheri

I refer to your request for advice sent on 7 April 2022 to the Department of Planning and Environment (DPE) Water about the above matter.

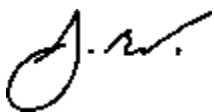
To develop a ~21 km underground pipeline from the existing Sydney to Newcastle pipeline to the proposed Hunter Power Project near Kurri Kurri, a compressor station & a 24 km underground storage pipeline & ancillary infrastructure.

DPE Water and NRAR have reviewed the EIS and require further information regarding the project's compliance with the Guidelines for Controlled Activities on Waterfront Land (NRAR 2018) and details of the Turkeys Nest Dam.

Please note that the licensing and approval function has now moved from NRAR to DPE Water. Should you have any further queries in relation to this submission please do not hesitate to contact DPE Water Assessments [water.assessments@dpie.nsw.gov.au](mailto:water.assessments@dpie.nsw.gov.au), or to the following coordinating officer within DPE Water:

Alistair Drew – Project Officer  
E: [Alistair.drew@dpie.nsw.gov.au](mailto:Alistair.drew@dpie.nsw.gov.au)

Yours sincerely



Luke McIver  
Acting Manager, Assessments, Knowledge Division  
**Department of Planning and Environment: Water**

## Attachment A

# Detailed advice to DPE Planning & Assessment regarding the Kurri Kurri Lateral Pipeline Project (SSI-22338205) – EIS

---

## 1.0 Controlled Activities on Waterfront Land and Water Take

---

### 1.1 Recommendations – Prior to Determination

- The construction points for the horizontal directional drilling should be setback from the watercourse in accordance with the Guidelines for Controlled Activities.
- Provide details of the proposed Turkeys nest dam including volume, use and where water will be sourced.

### 1.2 Recommendations – Post Approval

- Ensure entitlements are held for any water take including groundwater interference unless an exemption applies.
- Ensure all works on waterfront land are in accordance with the Guidelines for Controlled Activities (NRAR 2018), including the proposed watercourse crossing of Wallis Creek.

### 1.3 Explanation

All works within waterfront land should be in accordance with the Guidelines for Controlled Activities, this should include the culvert crossing proposed for Wallis Creek and the construction areas for the horizontal directional drilling. Guidelines for Controlled Activities can be found here: <https://www.nrar.nsw.gov.au/how-to-apply/controlled-activities/guidelines-for-controlled-activities>

Insufficient information has been provided in regard to the proposed Turkeys Nest Dam. DPE Water recommends installation and operation be assessed as part of the SSD assessment process to avoid the need to obtain approvals separately under the *Water Management Act 2000*. The proponent should provide details for the dam including water source, use, volume and if there are relevant exemptions.

The proposal notes a possible shallow groundwater table between Wallis Creek and Swamp Creek. Should groundwater be intercepted a Water Access Licence (WAL) under the *Water Management Act 2000* must be obtained unless the take is less than or equal to 3ML of water per year for any aquifer interference activities listed in Clause 7 of Schedule 4 of the *Water Management (General) Regulation 2018*. For more information visit <https://www.nrar.nsw.gov.au/how-to-apply/water-licences/Groundwater>

## 2.0 Other Post Approval Recommendations

---

### 2.1 Recommendation – Post Approval

- Prepare a Dewatering Management Plan to implement in the event of excavations encountering ephemeral or temporary groundwater, including:
    - shoring to minimise groundwater inflows
    - water quality requirements before discharge
    - any recommended treatment
    - discharge location and method
-

- monitoring requirements
  - permits and records required.
- Prepare and implement an Acid Sulfate Soils Management Plan as part of the Construction Environmental Management Plan (CEMP) in accordance with the Acid Sulfate Soil Manual (ASSMAC, 1998) – in line with EIS recommendations

**End Attachment A**

---