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I am writing to express my extreme concern over the Darwin Pipeline Duplication project. I grew up in Darwin and for five generations my family has lived next to the beautiful Darwin Harbour. Like many Darwin families the harbour has been a source of beauty, joy and food for us and is a vital part of our lifestyle.

The Darwin Pipeline Duplication Project is a new component of Santos' proposed Barossa gas project. Santos has referred it for assessment to the NTEPA under the Environment Protection Act 2019 (NT).

I am deeply concerned about the impacts of dredging on the harbour. We've already seen the significant negative impacts of dredging on marine flora and fauna and I can't bear the thought of our ocean floor being ripped up further. I am deeply concerned that the maps provided by Santos don't show areas of hard coral, such as those in the reserve in East Point that can clearly be seen from a boat and that the pipeline will cut through important marine protected areas. Furthermore the dredging of the harbour will visually pollute our beautiful harbour with ugly ships on the horizon of Mindil Beach markets.

The Barossa gas project, if it goes ahead, may be the dirtiest gas project in the world. The offshore Barossa gas field in the Timor Sea, north of the Tiwi Islands, has the highest carbon dioxide (CO<sub>2</sub>) content of any gas field. The life cycle greenhouse gas emissions of the Barossa project will be 15mtpa, producing more CO<sub>2</sub> than LNG. We are already experiencing the extreme impacts of climate change in the Northern Territory, and this will blow the governments 2030 decarbonisation plans.

Economist John Robert has called the project a "carbon dioxide factory with an LNG by product". The Barossa is thus a significant, controversial and high risk project, and ECNT believes its impacts should be rigorously assessed and reviewed by the NTEPA. Our harbour is a vital source of life and a national asset. We desperately need a proper review of this project to protect the livelihoods of our tourism and fisheries industries, as well as our precious Territorian lifestyle.

I believe that the NTEPA should:

- (a) call in a referral under s53(1) of the Environment Protection Act of the broader Barossa Project as a whole;
- (b) if, the NTEPA does not call in the proposal, the Darwin Pipeline Duplication Project and the broader Barossa Project must be assessed at the highest level - a public inquiry

I agree for my submission to be published