

## Submission on the referral

### INPEX Operations Australia Pty Ltd – Ichthys Carbon Capture and Storage Project

This submission is made under regulation 53 of the Environment Protection Regulations 2020

**Government authority:** NT Health – Environmental Health Strategy

**Summary:** NT Health supports development of carbon capture and storage given overall emissions reduction.

Section of Referral	Theme or issue	Comment
Table ES-4 and 7.10.5	Human Health	<ul style="list-style-type: none"> <li>The referral report is submitted to support the proposed action under the Environment Protection and Biodiversity Conservation Act 1999 (Cwth) and the Environment Protection Act 2019 (NT) therefore has been considered in this context, all other relevant legislation should be adhered to minimise risk to human health.</li> <li>Legislative responsibility for the two respective Acts does not fall with NT Health.</li> <li>Impacts on human health due to unplanned CO2 release although are consequentially significant, they have been determined to be highly unlikely.</li> <li>Impacts on human health due to operational venting have been identified as consequentially insignificant but have been determined to be possible.</li> <li>It was stated in the referral report “Carbon capture and storage is a safe and proven emissions reduction technology”.</li> </ul>
Appendix Table E-1 Preliminary assessment of Project activities potential to impact on NT EPA environmental factors and values	Human health: Protect the health of the Northern Territory population. <ul style="list-style-type: none"> <li>Drinking Water</li> <li>Air quality</li> <li>Bush tucker</li> <li>Radiological limits</li> <li>Biting insects</li> </ul>	<ul style="list-style-type: none"> <li>In the context of this referral report it was indicated that impacts human health was “not applicable” with screening question answers listed as “uncertain” for all 5 questions.</li> <li>It was indicated in the referral report the project may impact localised air quality, which would be minimised by additional control measures.</li> <li>Any radiological deposits accumulated from extraction, carbon capture and storage (including naturally occurring radioactive material or ‘NORM’) are subject to the requirements of the Radiation Protection Act 2004. A reasonable and ongoing effort should be made to assess for and if necessary quantify radioactive material in the CCS process. If detected above the exemption limits of the Radiation Protection At 2004, the proponent must contact NT Health Radiation Protection for advice.</li> </ul>