



**GAS IMPORT JETTY AND PIPELINE PROJECT  
ENVIRONMENT EFFECTS STATEMENT  
INQUIRY AND ADVISORY COMMITTEE**

**TECHNICAL NOTE**

<b>TECHNICAL NOTE NUMBER:</b>	TN 011
<b>DATE:</b>	5 October 2020
<b>LOCATION:</b>	Pipeline Works
<b>EES/MAP BOOK REFERENCE:</b>	Chapter 20, section 20.9
<b>SUBJECT:</b>	Response to IAC RFI 138 & 139 - Section 15.3 in relation to soil profile re-instatement
<b>SUMMARY</b>	Information regarding soil separation, reinstatement and post-reinstatement monitoring
<b>REQUEST:</b>	138. Describe and explain how soil profiles associated with each identified soil association will be guaranteed to be appropriately reinstated.  139. Explain proposed post-construction monitoring and timeframes.

**NOTE:**

**Soil separation, topsoil retention and reinstatement**

1. The Pipeline Works will be carried out in accordance with a Construction Environment Management Plan accepted under the Pipelines Act 2005. A draft CEMP was exhibited as Attachment 2 to the Pipeline Licence Application (EES Attachment IX). Appendix J of the CEMP sets out Performance Objectives and Standards. The standards relevant to soil profile management and reinstatement and monitoring are set out below.
2. Vegetation will be cleared prior to stripping of topsoil (CEMP Performance Standard - C1)
3. Topsoil will not be stripped when saturated (CEMP Performance Standard C2)
4. Topsoil will be stripped across the construction footprint to maximum depths determined during pre-construction surveys. (CEMP Performance Standard - C3)
5. Stripped topsoil will be stockpiled separately from woody material and subsoil stockpiles. (CEMP Performance Standard - C4)
6. Topsoil stockpile heights will not exceed two metres. (CEMP Performance Standard - C5)
7. Topsoil stockpiles, other than linear stockpiles on the ROW, will be clearly signposted. (CEMP Performance Standard - C8)
8. Stockpiles of trench spoil will be separate from topsoil. (CEMP Performance Standard - T2)
9. Topsoil will not be used as a padding or backfill material. (CEMP Performance Standard - T8)



10. Stockpiled topsoil and sub soils will be reinstated to depths consistent with the original soil horizons. (CEMP Performance Standard - R2)
11. Topsoil will not be respread for rehabilitation when saturated. (CEMP Performance Standard - R3)
12. Soil inversion will be avoided during resspreading of topsoil (CEMP Performance Standard - R4)
13. The site will be reinstated to pre-existing contours with natural drainage lines restored and protected if required as determined by post construction assessments. (CEMP Performance Standard - R5)
14. Soil surfaces that have been compacted due to construction activities, such as those subject to traffic and/or storage areas within the site, will be ripped to allow the topsoil to bind with the subsoil and increase water filtration. (CEMP Performance Standard - R7)
15. Where required as determined by post construction assessments and in consultation with the landholder, Soil amelioration will be undertaken and fertiliser will be applied as part of the reinstatement activities. (CEMP Performance Standard - R8)

**Post-construction monitoring**

16. Following the completion of reinstatement activities, the site will be monitored for a period of 12 months to ensure the land is stable, consistent with adjacent areas and vegetated with site appropriate vegetation. Any defects from construction will be rectified during this time and following this period any residual environmental issues will be addressed through the APA's Operating Environmental Management Plan. (CEMP Performance Standard - R17)
17. During this period, in consultation with landowners and occupiers, targeted control of weeds will be undertaken by a qualified pest plant control contractor to ensure that the site does not have an increased density and distribution of noxious and agricultural weeds relative to adjacent areas. (CEMP Performance Standard - R15)

**CORRESPONDENCE:** N/A

**ATTACHMENTS:** N/A