

16. Material Assets

16.1 Introduction

Material Assets is a broad term and refers to aspects that have material value. Examples include infrastructure such as utilities and roads.

16.2 Baseline Information

The positioning of the proposed infrastructure has taken into consideration all utility infrastructure along the proposed development route. Previous and ongoing consultation, with appropriate stakeholders, will also aid in providing the final option to be published in the Final Options Appraisal Report in summer 2016.

Any utility infrastructure that will be impacted by the proposed development has previously been identified by ongoing desktop assessment. This will continue as the final options appraisal is undertaken and the report published for consultation. Necessary and further consultation with all respective utility providers will continue to ensure all respective impacts, direct or indirect are assessed and managed.

16.3 Potential Impacts

The material assets to be considered as part of the assessment include:

- Major Utilities: Utilities refer to physical infrastructure such as electricity, gas, telecommunications and other communications infrastructure, surface drainage and foul drainage network, water supply and transport infrastructure; and
- Imported Material.

16.3.1 Potential Construction Phase Impacts

Potential impacts during the construction of the proposed development may include:

- The services provided by the respective utility providers is expected to be minimal during the construction phase of the project as the site is likely to be mobile/temporary as the construction phase moves up along the specified treated water pipeline corridor route.
- Impacts associated with the transport of machinery and other materials for the purpose of the works will occur off site, but are still considered part of the impact of the proposed development.

16.3.2 Potential Operational Phase Impacts

It is considered unlikely that there will be any additional impacts during the operational phase which will not have already been considered as part of the construction phase.

16.4 Proposed Methodology & Assessment Scope

It is proposed that an assessment of material assets will be carried out in accordance with the EPA's current EIS guidance documents and established best practice, and will be tailored accordingly based on professional judgement and local circumstance.

The assessment will cover potential impacts on material assets and will describe the existing conditions and the likely potential impacts associated with the construction and operation of the proposed development. The impact assessment process will involve:

- Assigning the material asset sensitivity;
- Identifying and characterising the magnitude and significance of any potential impacts;

- Incorporating measures to avoid and mitigate (reduce) these impacts; and
- Assessing the significance of any residual effects after mitigation.

This section of the EIS will provide a description of the existing major utilities and required imported material in the area, and a statement of the likely significant impacts associated with both the construction and operational phases of the proposed development on these aspects. Measures to mitigate the likely significant impacts of the proposed development are proposed, and residual impacts described.

If necessary, a program for utility relocation during the construction stage will be developed in conjunction with the relevant utility providers. Engineering and/or construction solutions will be developed with the engineering design team and incorporated into the proposed development to mitigate the impacts arising from the construction works. Potential disruption to transport infrastructure will be assessed and a programme detailing any proposed disruption and measures to minimise disruption will be determined.