

1. INTRODUCTION

1.1 Background

Western Sydney Parklands Trust (the Trust) is intending to lodge a State Significant Development (SSD) application for a land parcel of approximately 21 hectares to be developed for retail and light industrial purposes at Horningsea Park. Northrop Consulting Engineers was engaged by the Trust to prepare this engineering report in support of the application.

1.2 Context

The Department of Planning and Infrastructure issued Initial and Supplementary Director General's Requirements (DGRs) on 17th January 2014 and 16th April 2014 respectively. The DGRs are to ensure that an appropriate level of assessment is included within an Environmental Impact Statement under Schedule 2 (3) (5) of the Environmental Planning and Assessment Regulation 2000.

This report is prepared in response to several of the DGRs, with the headings as listed below:

- DGR No. 9: Sediment Erosion, Bulk Earthworks and Waste (Construction, Excavation and Operation)
- DGR No. 15: Infrastructure and Utilities
- DGR No. 18: Flooding and Stormwater/Water Management

Agency stakeholders and Council were provided with an opportunity to make submissions to the Draft DGRs issued by the Director General. This report was also prepared in the context of submissions by Council and several state government agencies, e.g. NSW Office of Water, EPA, etc.

Note that since the issuing of the DGRs, the nomenclature has changed and they are now referred to as the SEARs (Secretary's Environmental Assessment Requirements). The term DGR is used in this document.

The report was also prepared to be broadly consistent with the following Liverpool City Council documents:

- Development Control Plan (DCP)
- Stormwater Design Specification
- On site Stormwater Detention Policy and Design Specification

Concept Engineering Drawings are provided in Appendix 1 of this document, with a listing of the Drawings as follows:

- DA 1.01 Cover Sheet, Drawing Schedule and Site Location
- DA 1.02 Specification Notes
- DA 2.01 Soil & Water Management Plan
- DA 2.02 Soil & Water Management Plan Details
- DA 4.01 Concept Site Grading Plan
- DA 5.01 Concept Earthworks Analysis Plan
- DA 6.01 Site Servicing Plan
- DA 7.01 Stormwater Catchment Plan – Existing Site Condition
- DA 7.02 Stormwater Catchment Plan – Proposed Site Condition
- DA 8.01 Concept Stormwater Management Plan
- DA 9.01 Details Sheet 1
- DA 9.02 Details Sheet 2

This report should be read in conjunction with these Drawings.

