

17 APRIL 2020

ErSed Reference: 19007-WNSLR-LTR-200417

Stephanie Partridge
Development Manager
Goodman Property Services (Aus) Pty Ltd

Dear Ms Partridge

Re: SSD 7348: Western North South Link Road (WNSLR)

Condition of Consent D180 for SSD7348 provides;

- D81. Prior to the commencement of bulk earthworks as part of Stage 1, the Applicant must implement erosion and sediment controls identified by Condition D80 and maintain those controls throughout bulk earthworks and construction, to ensure stormwater flows do not increase in any downstream areas.
The Environmental Representative, appointed in accordance with Condition D123, shall make a written statement to the Planning Secretary confirming the erosion and sediment controls are operational, prior to the commencement of bulk earthworks and other construction activities required for Stage 1.

I have discussed the conditions at the site with project personnel and concur that it is appropriate for bulk earth works be commenced on a staged basis. This will maintain grass and other covers over areas not requiring to be worked and will reduce generation of sediment laden runoff and dust. Accordingly I will apply D81 in a similarly staged basis in regard to separate, major sub catchments.

I include the ROBSON PESCP for the area assessed – Preliminary Progressive Erosion & Sediment Control Plans Stage 2 – Bulk Earthworks –CH1300 to Sydney Water to WNSLR (Rev 12/09/19) as Attachment 1.

Statement to the Planning Secretary

This is to confirm that I inspected the WNSLR works, as indicted within Attachment 1, on 17 April 2020.

I confirm that the primary sediment controls implemented at the indicated works area are consistent with those detailed within the Erosion and Sediment Control Plans required by Condition of Consent D80 of SSD 7348. I confirm that the erosion and sediment controls are in a suitable operational condition to manage ESC risk at the site.

Erosion and sediment controls within remaining stages will be assessed and confirmed separately prior to bulk earthworks commencing in these catchments in accordance with the requirements of Condition D81.

Please contact me if you require further information.

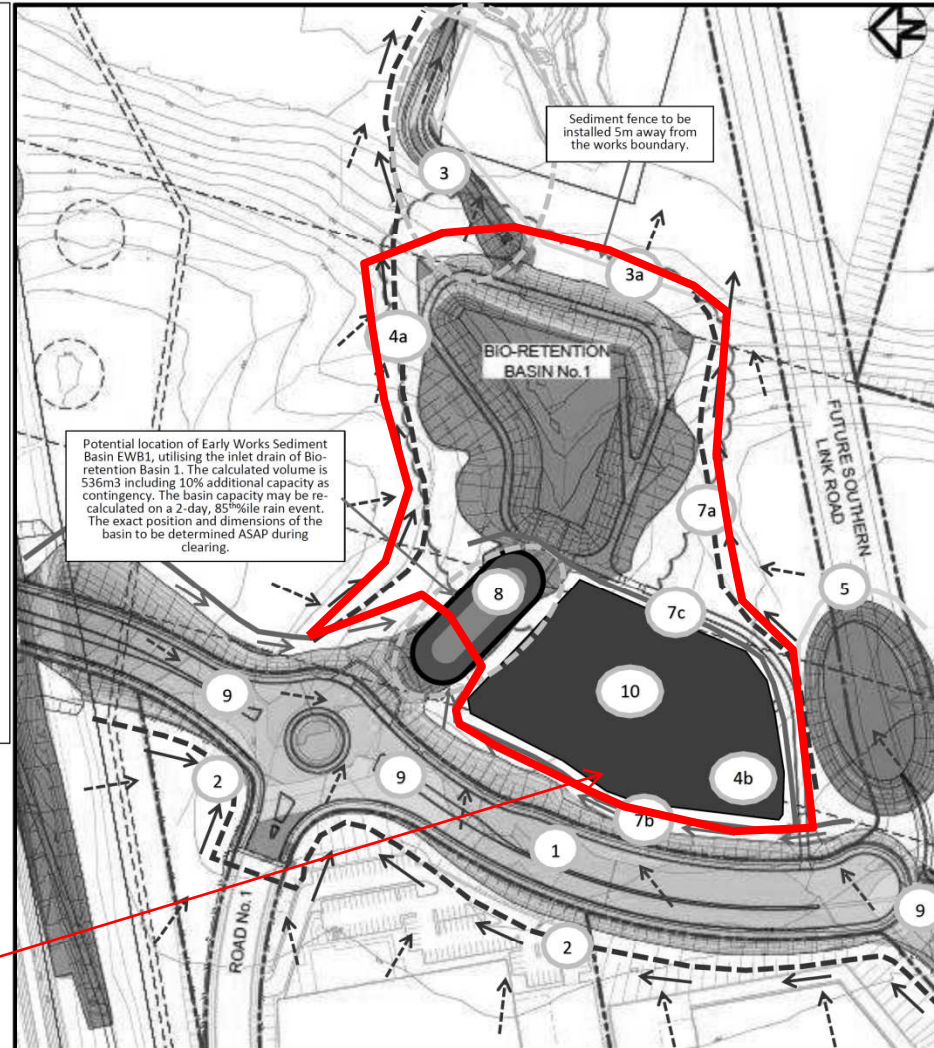
Sincerely

A handwritten signature in blue ink, appearing to read "Carl Vincent", with a stylized flourish at the end.

Carl Vincent
Principal (ErSed Environmental Pty Ltd)
Environmental Representative (SSD 7348)

Stage A, Phase 1 – Clearing, grubbing and topsoil stripping – Ch 1300 to Sydney Water Pipeline.

- Works Staging – Phase 1**
- The road alignment to be slashed from works boundary to boundary (5 metres from top or toe of batter), together with the Basin footprints, Bio basin outlet drain and topsoil stockpile area.
 - Surplus topsoil from stripping from Ch 0-180 (590m³) to be utilised as a compacted topsoil exclusion berm from Ch 1050 to Sydney Water Pipeline, which 875 linear metres (440m³) of topsoil.
 - The outlet drain from the Bio Retention Basin to be prioritised for early completion.
 - Sediment fence to be installed on the downslope boundary of the drain and bio-retention basin.
 - The controls at Ropes Creek interface to be determined prior to works commencing.
 - The footprint of the outlet drain from the Bio Retention Basin has a footprint of 1800m² approx. The 250mm layer of topsoil to be stripped will generate approximately **450m³ of topsoil or 900m linear metres** of compacted topsoil berms.
 - The topsoil can be used to form a **450m** long exclusion berm on the eastern side of the alignment from the Sydney Water Pipeline to the Bio-retention basin outlet.
 - The remaining 250m³ of topsoil to be transported and stockpiled in the topsoil stockpile area.
 - Sediment fence to be installed downslope of Sediment Basin SB4 prior to topsoil stripping from the footprint of Sediment Basin SB4
 - The footprint Sediment Basin SB4 footprint is approximately 3500m². The 250mm layer of topsoil to be stripped will generate approximately **875m³ of topsoil or 1750m linear metres** of compacted topsoil berms.
 - Stripped topsoil from SB4 could be used for the following controls being:
 - A **250m** exclusion berm from the cul-de-sac to southern corner of the bio-retention basin
 - A **200m** long control berm on the eastern side of the alignment from Ch 1300 to EWB1
 - A **250m** long control berm around the topsoil stockpile area.
 - The remaining 525m³ of topsoil to be transported and stockpiled in the topsoil stockpile area.
 - The Early Works Sediment Basin EWB1 has an approximate footprint of 3000m², which will generate approximately 750m³ of topsoil that would be directly stripped and transported to the topsoil stockpile area.
 - Earthworks for SB4 and EWB1 could then commence, with excavated spoil removed to
 - the existing farm dam that requires backfilling at Ch 1050
 - The temporary 'clean' and 'dirty' water culverts at the cul-de-sac upslope from SB 4 at Ch 1280
 - removed to the culvert fill areas around the Road No.1 roundabout area to allow for early installation of 'dirty' water cross drainage or temporary culverts.
 - The remaining controls for the topsoil and soil stockpile area to be implemented. The maximum topsoil/spoil storage capacity is approx. 24000m³.



LIMIT OF ASSESMENT

Legend											
Off Site Water – Sheet Flows		Piped Drainage		Stabilised Topsoil Berm (geo/jute/seed)		Sediment basin / large sump		Sediment Fence Geotextile Apron		Vegetated filter	
Off Site Water – Concentrated Flow/Drain		Off-site & onsite water cross-over		Geo-lined drain		Filter bag sediment trap		Mulch bund		Stabilised site access / Shaker / Wheelwash	  
On Site Water - Concentrated Flow/Drain		'Off site' water exclusion bank		Rock lined drain		Compacted Mulch / Rock & Geotextile / topsoil sediment trap		Coir Log / Straw bale filter		Stabilised Haul Road/Access Track/ Piling pad/Piped crossing	
On Site Water – Sheet Flows		Level Spreader / Diffuser/ Geo spillway		Coarse rock / sandbag check dam		Excavated sediment trap with spill weir		Filter bag or sediment fence inlet filter		Temporary Traffic Barriers	