

SSD8925–MOD7 Sediment Capping Construction Pedestrian & Traffic Management Plan Addendum

2 March 2022
Anthony Toomeh
Multiplex
135 King Street
Sydney NSW 2000

Dear Anthony

In line with required documentation for Section 4.55(1a) Modification Application associated with the New Sydney Fish Markets (SSD8925-MOD7), the following is an assessment of the construction traffic associated with the sediment capping works.

This addendum provides clarification and comparison of the previous construction traffic assessments with the construction traffic related to the sediment capping.

1. Background and previous reports

The discussions in this Addendum reference ptc., *Construction Pedestrian & Traffic Management Plan, Sydney Fish Markets Rev 4*, 25 May 2021 (CPTMP Rev 5).

The CPTMP has been progressively updated and approved as revisions were required in accordance with Transport for NSW, *Traffic Control at Work Sites*, Issue No.6.0, 14 September 2020—"After approval, the PWZTMP qualified person must update the TMP and other relevant documents such as traffic staging drawings and TGS in accordance with Section 8.2 Record keeping of TTM documentation." This Addendum comprises the update for MOD7.

2. CPTMP comparison

In subsequent MODs following the issue of CPTMP Rev 5, approved revisions of the maximum forecast truck volume were 60 trucks per day.

This Addendum to the CPTMP—including the MOD7 changes—includes the proposed land based installation component of the sediment capping stage of works for a maximum expected duration of 4-8 weeks from August 2022 to September 2022. Table 2 shows that the average forecast trucks per day (50) does not exceed the maximum average for standard operations or additional specific operations.

Table 1: CPTMP Rev 5 Construction traffic loading

Activity	Period	Average Trucks per day
Standard Operations	Apr 2021 – May 2024	60

Table 2: CPTMP Additional loading for specific operations

Activity	Period	Average Trucks per day
SFM Works -Large Concrete Pour	Aug 2022 – Aug 2023	60
Bridge Road WAD Works - Stage 2	Feb 2023 – Sep 2023	35
Bridge Road WAD Works - Stage 3	Sep 2023 – Apr 2024	35
Sediment capping (land based installation)	Aug 2022 – Sep 2022	50

3. Quantitative assessment of the Sediment capping truck volumes

By utilising a marine placement strategy for 80% of the sediment capping works at Glebe Island, the number of trucks required to arrive at the New Sydney Fish Markets (NSFM) site is greatly reduced. The total number of trucks required to deliver the required material to the NSFM site is 1,000 trucks. Assuming the forecast delivery at a rate of 50 Trucks per day means the works will take a minimum of 20 days.

During this period, standard operations would have otherwise resulted in 60 trucks per day arriving at the NSFM site—as forecast in the approved CPTMP Rev 5. Therefore, 10 trucks less per day will access the site over the 20 day sediment capping works period, which results in a reduction of the traffic volume based on the proposed works.

3.1. Conclusion

For the two month duration of the sediment capping works associated with SSD8925-MOD7, the following statements can be concluded from this analysis:

- Maximum average daily truck volume does not exceed the previously approved maximum for any stage of the SFM project.
- Hourly truck volumes do not exceed the previously approved maximum for any stage of the SFM project.
- The forecast construction traffic generation is less than the number of trips generated and assessed for the operational phase of the development.

Therefore, with the measures described in the CPTMP in place, the construction activity is anticipated to have minimal impact to the daily activities within the vicinity of the site and an overall reduction of traffic volumes during the sediment capping works period.

Further, it is envisaged that the CPTMP will be continually reviewed and amended if required, due to changes in design, TfNSW, the City or any other authority requirements. Should any changes be made, they will need to be reviewed and approved by the City and TfNSW.

Yours faithfully



Dan Budai
Project Director