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DEVELOPMENT
APPLICATION

TRAFFIC IMPACT STATEMENT - ALTERATIONS AND ADDITIONS TO EXISTING AGRICULTURAL PRODUCE FACILITY (2 X NEW GRAIN SILOS AND TRAIN LOADING CONVEYOR SYSTEM) AT LOT 420 DP 1059026, 1802 NEWELL HIGHWAY, NARRANDERA.

This Traffic Impact Statement (TIS) has been prepared by Currajong Pty Ltd (Currajong) on behalf of the Manildra Group, the owner / operator of the Manildra Group Grain Handling Facility at Lot 420 DP 1059026, 1802 Newell Highway, Grong Grong. It should be read in conjunction with a Statement of Environmental Effects (SEE) prepared by Currajong, Document Reference: Currajong SEE – Manildra Group, 1802 Newell Highway, Grong Grong, 2023.

The Traffic Impact Statement provides a summary of the following:

- + Existing approved traffic movements to and from the site under previous development consents.
- + Details of the proposed new development.
- + Anticipated changes to vehicle movements and traffic management in and around the Manildra Group Grain Handling Facility as a result of the proposed new development.

Existing Approved Traffic Movements (Development Consent No. DA46-02/03)

Development Consent No. DA46-02/03 was granted for the storage of 270,000 tonnes of grain per annum. All grain delivery to the facility was to be undertaken via the local road network with access to the site from the Newell Highway via Nullong Road.

Development consent was granted subject to 30 conditions of consent which included road and rail upgrade works. All road and rail upgrade works were completed with an Occupation Certificate issued in 2006 demonstrating the development was completed satisfactorily.

Traffic generation was estimated in the SEE prepared by North West Environmental Services as follows:

- + Grain delivery to the site via B-double trucks with capacity to carry 25-tonnes of grain.
- + 5,200 truck movements to the site per annum for an initial site operation of 135,000 tonnes storage. Delivery to the site estimated to be 50% from the east and 50% from the west.
- + Peak harvest to be spread over a six-week period, with 80% of annual deliveries to occur within this timeframe. Approximately 4,160 truck movements to the site would occur over the peak harvest period.
- + Grain to be transferred from the site to regional mills and ports via freight train. Each train would have a capacity of 2,500 tonnes, requiring 54 trains per annum to move 135,000 tonnes of grain.



Existing Approved Traffic Movements (Development Consent No. DA34-07/08)

Development Consent No. DA34-07/08 was granted for 160,000 tonnes, despite the storage facility being approved for up to 270,000 tonnes of grain per annum. Traffic generation was assessed to have no additional impacts given the operational capacity remained below the 270,000 tonnes approved under Development Consent No. DA46-02/03.

Proposed New Development – Alterations and Additions to Existing Agricultural Produce Facility (Grain silos and Train Loading Conveyor System).

The proposed new development is for the erection of 2 x 3,633 tonne grain silos, augers and conveyors to improve loading of grain onto freight trains.

The proposed development does not include any new proposed accesses, changes or upgrades to the existing sampling, weighbridge and traffic movements through the site.

The proposed development will continue to operate at 160,000 tonnes annual storage, consistent with the approved maximum capacity of 270,000 tonnes.

Manildra Group have provided traffic data from the site for the 2022 / 2023 grain harvest, with a total of 2,095 trucks recorded entering the site during the 6-week peak harvest period (28 November 2022 and 9 January 2023).

Traffic Impact Statement Summary

Development Consent No. DA46-02/03 was granted in 2002 for the operation of a grain storage and handling facility with a maximum capacity of 270,000 tonnes. Conditions of consent were imposed requiring road and rail infrastructure upgrades to be undertaken to ensure the ongoing safety and efficiency of the local road and rail network. All conditions of consent, including road and rail upgrades were completed, with an Occupation Certificate issued in 2006.

Traffic data from the site obtained in the 2022 / 2023 harvest demonstrates the current total vehicle movements to the site (2,095) is only half of the traffic generation that was assessed under DA46-02/03.

The proposed development of new grain silos, augers and conveyor system are to facilitate rail loading operations and will not likely contribute to any increases in truck trip generation to and from the existing grain handling facility.

No changes to access arrangements to the site and internal manoeuvring of traffic through the site are required.

Existing site access and road infrastructure is considered appropriate given the current traffic generation at the facility is well below the anticipated total volumes estimated in original development application documentation that was assessed by both Narrandera Shire Council and the then Roads and Traffic Authority.

Michael Carter

Director