

2 March 2015

CR2015/000436

SF2014/051769

MM

The Manager
Department of Planning & Environment
GPO Box 39
SYDNEY NSW 2001

Attention: Nathan Stringer

SSD 6284 – PROPOSED WATER TREATMENT PLANT UPGRADE, LOT 2 DP540063, HAMMOND AVENUE (STURT HIGHWAY), WAGGA WAGGA.

I refer to your correspondence regarding the subject Application which was referred to the Roads and Maritime Services for assessment and comment.

From review of the information provided it is understood that the proposal represents works to the Riverina Water County Council site in Wagga Wagga for the replacement of the existing water treatment plant. The development proposal is supported by an Environmental Impact Statement dated December 2014 prepared by Hunter Water Australia and NGH Environmental. The subject site has frontage to Hammond Avenue, which is part of the Sturt Highway (HW14) within Wagga Wagga, within a 60 km/h speed zone.

Currently access to the subject site is available from the Sturt Highway only via a single driveway located immediately to the east of Marshalls Creek Bridge. The highway narrows from a 4 lane carriageway (2 lanes in each direction) adjacent to the driveway as it approaches the nearby 2 lane bridge over Marshalls Creek. The driveway to the subject site from the highway is located in close proximity to the bridge due to the limited frontage of the site to the highway therefore vehicular access to and from the site needs to be carefully managed. It is noted that the proposed layout of the development does not deny the potential for future access towards Koorinal Road to the east of the site should this be provided by a new road/laneway running parallel to the Sturt Highway.

The supporting documentation notes that whilst vehicular access to the site from Hammond Avenue is unrestricted, egress from the site is currently restricted to left turn only. This restriction is supported by Roads and Maritime due to the proximity of the driveway to the 2 lane bridge over Marshalls Creek and the nearby roundabout at the intersection of the Sturt Highway and Koorinal Road which provides for u-turn manoeuvres on Hammond Avenue.

Roads and Maritime acknowledges that the development represents the replacement of existing facilities on the subject site. The supporting documentation advises that changes to the current traffic generation during operation of the new facility would be minimal however the construction phase will generate additional traffic including heavy vehicles. It is noted that a Traffic Management Plan is to be submitted as part of the Construction Environmental Management Plan for the proposed works.

This Traffic Management Plan shall outline measures to manage vehicular access, particularly construction vehicles, between the site and the Sturt Highway. This plan shall address the potential impacts associated with construction aspects of the development, the measures to be implemented to maintain the standard and safety of the road network, and procedures to monitor and ensure compliance. It is noted that egress from the site is to be restricted to left turn only to the highway.

The submitted documentation does not propose any significant changes to the existing vehicular access points to the site from the Sturt Highway or to the traffic flow through the subject site, however for road safety reasons consideration should be given to delineating the 2 way traffic flow at the entrance driveway to the highway. The provision of a splitter island or the like within the driveway to separate entering and exiting traffic movement paths would decrease the potential for vehicles exiting the site to cause delay to vehicles entering the site from the highway

Roads and Maritime is considering potential options for the widening of the current 2 lane bridge over Marshalls Creek to provide a 4 lane bridge however there is no commitment to this project at this stage. Any option for the widening of the bridge will likely alter the horizontal and vertical design of the current access driveway from the Sturt Highway. Currently left turn access into the subject site is from the central travel lane within the highway whereas any proposal to widen the bridge will require the driveway to be altered to allow vehicles to turn from the kerb side lane. The applicant should be advised on this as part of this application.

Based on the potential impacts of this development it is not considered that the construction of a central median on the highway is warranted as part of this development however the applicant should be advised that traffic control measures, such as a raised central median, may be implemented within the Sturt Highway (Hammond Avenue) adjacent to the development site in the future when traffic volumes and/or safety needs warrant such works.

Roads and Maritime Services is mainly concerned with the provision of safe access between the subject site and the Sturt Highway and the impact of the development on the safety and efficiency of the Classified Road Network. As the subject site has frontage and access to the Sturt Highway which is a classified road, within a 60 km/h speed zone the following conditions are proposed for road safety reasons.

Roads and Maritime Services has assessed the Development Application based on the documentation provided and would raise no objection to the development proposal subject to the Consent Authority ensuring that the development is undertaken in accordance with the information submitted as amended by the inclusion of the following as conditions of consent (if approved):-

1. Egress from the subject site to the Sturt Highway (Hammond Avenue) is restricted to left turn only as per the submitted documentation. Appropriate signage shall be erected and maintained within the driveway to provide for the legal enforcement of this left turn only restriction.
2. The driveway to the Sturt Highway (Hammond Avenue) shall have the ingress and egress travel lane separated by a raised splitter island. The splitter island shall not protrude onto the carriageway. As a minimum the splitter island is to be a raised concrete structure within the site and painted on the driveway within the road reserve. Associated directional marking and signage is to be installed in accordance with Australian Standards.
3. The access driveway shall be designed and constructed to accommodate the swept path of the largest vehicle likely to access the subject site in accordance with AS 2890.2-2002 "Off-street commercial vehicle facilities". For road safety reasons the layout of the development and any access driveway shall be designed to allow all vehicles to enter and exit the subject site in a forward direction and not be required to reverse onto the adjoining road reserve.
4. Any works within the road reserve of the Sturt Highway (Hammond Avenue) which is a Classified Road requires concurrence from Roads and Maritime Services under section 138 of

the Roads Act 1993 prior to commencement of any such works. The developer is responsible for all public utility adjustment/relocation works, necessitated by the proposed development and as required by the various public utility authorities and/or their agents.

5. Any works associated with the proposed development shall be at no cost to Roads and Maritime Services.

Further to the above suggested conditions the Consent Authority is requested to provide the following advice to the applicant.

- A raised central median may be constructed within the Sturt Highway (Hammond Ave) adjacent to the development site in future when traffic volume and/or safety needs warrant.
- Any options for the widening of Marshall Creek Bridge will likely alter the horizontal and vertical design of the current access driveway to the subject site from the Sturt Highway (Hammond Ave).

Please be advised that under the provisions of the Environmental Planning & Assessment Act it is the responsibility of the Consent Authority to assess the environmental implications, and notify potentially affected persons, of any development including conditions. Roads and Maritime Services will not undertake a separate assessment of the environmental impacts within the road reserve for this proposal.

Any enquiries regarding this correspondence may be referred to the Manager, Land Use for Roads and Maritime Services (South West Region), Maurice Morgan, phone (02) 69371611.

Please forward a copy of the Notice of Determination for this Development Application to the Roads and Maritime Services at the same time as advising the applicant.

Yours faithfully



Per:
Mr Lindsay Tanner
Regional Manager
South West Region