

23/09/2020

Pavla Board
Development Manager
Hunter & Central Coast Development Corporation
Via email: pavla.board@hccdc.nsw.gov.au

Dear Pavla,

MT PENANG PARKLANDS REF – ADDENDUM LETTER

EPS provides this addendum letter to the Review of Environmental Factors (REF) prepared by EPS on 30/03/2020 ('20200327_11317_Mount Penang REF_V04') and endorsed by HCCDC on 16/04/2020.

CONSTRUCTION HOURS

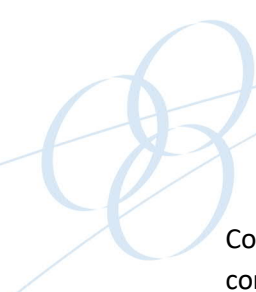
HCCDC require work in the 'Water, Sewer and Drainage Infrastructure Works disturbance area' to be completed as nightworks to reduce traffic impacts during the construction period. Specifically, works to Kangoo Road to allow the approved watermain cross-connection to Council's existing watermain are required to be completed as nightworks to assist traffic management. The below table details the works required to be completed as nightworks and the proposed hours and schedule.

Item	Details
Scope of Work	<ul style="list-style-type: none">• Trenching and installation of watermain pipes• Backfill and compaction of trenches• Road re-surfacing• Traffic control
Construction Hours Required	6.30pm to 5.30am
Duration and Timing	Two nights in September or October 2020
Type and Number of Plant/Vehicles	<ul style="list-style-type: none">• Work utes x 4• 12t approx. excavator x 1• 2.5t Twin drum roller x 1• Backhoe or similar x 1

For the 'Water, Sewer and Drainage Infrastructure Works disturbance area', the REF notes:

Construction would generally occur during the standard working hours set out in the Interim Construction Noise Guideline (DECC, 2009):

- *Mondays to Fridays between 7am and 6pm.*
- *Saturdays between 8am and 1pm.*
- *No work would normally occur on Sundays or public holidays.*



Completing construction works over two nights (within the hours of 6.30pm to 5.30am) is considered consistent with the approved REF.


It is noted that the Environmental Management Plan (EMP) (forming a subsection to the Project Management Plan [PMP]) contains details on noise and operating matters common to both day and night works. Bolte have confirmed the PMP has been updated to allow for the revised working hours in accordance with the scope detailed in the above table.

CONSTRUCTION METHODOLOGY

The approved REF considers the works to Kangoo Road to allow the proposed watermain cross-connection to Council's existing watermain would be completed by underboring. Following consultation with the construction contractor, it is noted HCCDC require the construction methodology to allow for trenching.

EPS has considered the impacts of the trenching in Kangoo Road as an alternative construction methodology in the below Environmental Assessment table.

Aspect	Impact	Mitigation
Soils and Geology	<ul style="list-style-type: none"> Slight increase to ground disturbance and exposure of soil, and subsequent sediment and erosion. 	<ul style="list-style-type: none"> If relevant, complete an update to the Erosion and Sediment Control Plan and manage impacts in accordance with approved plan.
Hydrology, Water Quality and Flooding	<ul style="list-style-type: none"> Slight increase to ground disturbance and exposure of soil, and subsequent sediment and erosion. Decrease likelihood of interception groundwater. 	<ul style="list-style-type: none"> If relevant, complete an update to the Erosion and Sediment Control Plan and manage impacts in accordance with approved plan.
Ecology	<ul style="list-style-type: none"> Slight increase to risk of fauna being trapped in open trenching areas. 	<ul style="list-style-type: none"> Manage in accordance with approved REF.
Noise and Vibration	<ul style="list-style-type: none"> Temporary increase (two days) to night noise and vibration. 	<ul style="list-style-type: none"> Manage in accordance with Noise and Vibration Management Plan that is updated to consider nightworks.
Air Quality	<ul style="list-style-type: none"> Slight increase to ground disturbance and exposure of soil, and potential for dust generation. 	<ul style="list-style-type: none"> Manage in accordance with approved REF.
Non-Indigenous Heritage	<ul style="list-style-type: none"> No changes anticipated. 	<ul style="list-style-type: none"> Manage in accordance with approved REF.



Aspect	Impact	Mitigation
Aboriginal Heritage	<ul style="list-style-type: none"> No changes anticipated 	<ul style="list-style-type: none"> Manage in accordance with approved REF.
Visual Amenity	<ul style="list-style-type: none"> No changes anticipated 	<ul style="list-style-type: none"> Manage in accordance with approved REF.
Traffic and Access	<ul style="list-style-type: none"> Impacts to traffic along Kangoo Road and Central Coast Highway will be reduced. Access to Kangoo Road will be maintained. 	<ul style="list-style-type: none"> If relevant, complete an update to the Traffic Management Plan and manage impacts in accordance with approved plan.
Services and Utilities	<ul style="list-style-type: none"> No changes anticipated 	<ul style="list-style-type: none"> Manage in accordance with approved REF.
Land Uses	<ul style="list-style-type: none"> No changes anticipated 	<ul style="list-style-type: none"> Manage in accordance with approved REF.
Waste and Resources	<ul style="list-style-type: none"> Minor increase in spoil from excavation. 	<ul style="list-style-type: none"> Manage in accordance with approved REF.
Other Environmental Considerations	<ul style="list-style-type: none"> Minor increase in spoil from excavation. 	<ul style="list-style-type: none"> Manage in accordance with approved REF.
Cumulative Impacts	<ul style="list-style-type: none"> Minor increase in spoil from excavation. 	<ul style="list-style-type: none"> Manage in accordance with approved REF.

Trenching in Kangoo Road is consistent with the methodology proposed to be utilised in other areas of the 'Water, Sewer and Drainage Infrastructure Works disturbance area', and is not considered to materially change the impact of the approved works. Further, the proposed works are located approximately 0.3km from the nearest residential dwelling with minimal to no noise impact anticipated. Based on the assessment the proposed methodology variation is not likely to significantly affect the environment and therefore does not require the preparation of an Environmental Impact Statement (EIS).

It is noted that under the *Roads Act 1993*, a Section 138 approval/s under the Act is required for works to Kangoo Road to allow the proposed watermain cross-connection to Council's existing watermain.

Regards,



Alina Tipper
Senior Environmental Consultant
EPS



Declaration

I, Valentina Misevska, Acting Chief Executive of the Hunter and Central Coast Development Corporation, have examined and considered the amendment to the Review of Environmental Factors for Mount Penang Parklands (EPS, September 2020) in accordance with the provisions of s5.5 of the *Environmental Planning and Assessment Act 1979* and the *State Environmental Planning Policy (Infrastructure) 2007*, under which the works are permissible and determine that the proposed development may be carried out as development without consent, subject to compliance with the conditions to manage environmental impacts outlined within the REF

Signed,

A handwritten signature in blue ink, appearing to read 'V. Misevska'.

Valentina Misevska
ACTING CHIEF EXECUTIVE
Hunter and Central Coast Development Corporation

28 September 2020