



## **Southern Highlands Regional Shooting Complex Suggested Conditions of Approval (inclusive of off-site works)**

### **1. Use**

- The Southern Highlands Regional Shooting Complex is to be used only by members of the seven shooting clubs listed in Section 5.2.2 of the EA. All shooters will hold a shooters licence. The facility will not be used by the Department of Defence.
- The facility is not to be used on days of high fire danger.
- The facility is to be used during daylight hours only being from 10.00am to 5.00pm.
- All internal roads from the entrance to car parking areas are to be constructed to accommodate two way traffic flow and are to be sealed. The internal road network and parking associated with the project will be designed, constructed and maintained in accordance with the latest versions of the Australian Standards AS 2890.1:2004 and AS 2890.2:2002.
- A land line telephone service is to be provided and the facility is to be supplied with a reticulated electricity service.
- A reticulated water supply is to be provided.

### **2. Site Management**

The proponent is to undertake a statistically defensible regime of soil and sediment testing including:

- Testing of the stop butts;
- Targeted testing of the soil in drainage lines leading from stop butts to sedimentation ponds and within sedimentation pond overflow drainage lines;
- Targeted sampling of sediments upstream adjacent to and downstream of the range;
- Stratified random sampling of ranges to provide overall site coverage;
- Soils and sediments should be tested for a minimum of pH, heavy metals and leachability.

If accepted contamination criteria are exceeded the use will cease and remediation works will be undertaken.

The proponent is to prepare and implement a contamination management plan which will include:

- □ Procedures for the periodic removal of lead shot and associated contaminated soil, and removal of lead bullets and contaminated soil from all areas;
- Proposals for the reuse of sediment water as irrigation on the range (within catchments of the sedimentation ponds) to promote evapotranspiration of the waste water and reduce runoff entering local streams.

A remediation fund with regular contributions from all members to help pay for monitoring requirements, upkeep of environmental controls and remedial works is to be established.

### **3. Noise Management**

During operation of the project, the Proponent is to ensure that noise from the project does not exceed adopted noise criteria. Use will be limited to achieve adopted noise criteria.

The proponent will prepare and implement a noise monitoring program and will make the results of the noise monitoring available to the public.

In the event that the monitoring indicates that the identified criteria are exceeded on more than three occasions on any one year, the use will cease.

### **4. Off Site Works forming part of the Project**

The unsealed section of Wattle Ridge Road is to be sealed from the village of Hill Top to the entrance to the facility.

The following works are to be undertaken prior to the use commencing:

- a. Install directional signposting (“Way finding”) for visitor access from the Hume Highway and from the secondary access route from the north (along West Parade) to the Regional Shooting Range through the township of Hill Top. Repeater signs along the route should also be installed, particularly along West Street and where it merges with Wattle Ridge Road.
- b. Provide edge linemarking along Wilson Drive, north of Church Avenue, particularly through the cutting. Improved delineation is also required along this segment with the use of guide posts and retro-reflective raised pavement markers (RRPM’s) and markers along the rock face through the cutting at regular intervals. The incidence of falling rocks through the cutting should also be further investigated and stabilisation works undertaken as required.
- c. Provide barrier and lane separation linemarking along the existing sealed roads within the township of Hill Top in accordance with AS1742. Critical linemarked segments include:
  - i. The cutting along Wilson Drive, north of Church Avenue.
  - ii. Barrier lines along Chalker Parade from Wilson Drive to Rosina Street, across the railway overbridge.
  - iii. West Street and Wattle Ridge Road north of Vera Street. Barrier lines required predominantly along the segment.
- d. Erect narrow bridge warning sign at the railway overbridge (Chalker Pde) on both approaches.
- e. Erect crest warning signs in West Street north of Rosina Street and along Wilson Drive north of Chalker Parade.

- f. Erect advance curve warning and advisory speed signs at all bends along the corridor(s) in accordance with AS1742. (Note: All of the bends along the unsealed road segment along Wattle Ridge Road are not signposted and coupled with its narrow segments and general speed limit of 50km/h it is a hazardous corridor. The low traffic flows currently along this segment do not reduce the risk imposed by the corridor. The corridor requires widening to achieve a width of at least 10m at all tight bends where advisory speed signs of 35km/h should be installed with the appropriate curve warning signs. “Steep Descent” signs are also necessary at a point 530m north of the existing sealed section of Wattle Ridge Road. “Crest” warning signs also needed 530m and 1km north of the existing sealed section of Wattle Ridge Road).
- g. Install guide posts at intervals compliant with relevant standards for the segment of Wattle Ridge Road north of Lyrebird Close.
- h. Install hazard markers on all exposed trees and other obstructions that are located at or near bends along the unsealed segment of Wattle Ridge Road, within the required clear zone.
- i. Widen the railway overbridge (Chalker Parade) to comply with the RTA’s “Road Design Guide” with a separate footpath width of at least 1.8m clear on one side.
- j. Improve visibility of bridge at night with street lighting and / or delineation measures to include edge lines, RRPM’s along centreline and edge line treatment plus additional reflectors and chevron markers on the guard rail to highlight the presence of the bend.
- k. Signpost a 50km/hr speed limit on Fitzroy Street between Wilson Drive and West Street. Note: The current width is too narrow for the safe movement of two-way traffic. .
- l. Erect a “STOP” sign at the Fitzroy Street interface with West Street (both sides).
- m. Install a “STOP” sign at the junction of Emily Street with West Street.
- n. All linemarking should contain 1mm glass beads with a retroreflectivity level of 150mcd/sqm/lx in dry conditions and 100mcd/sqm/lx in wet conditions in accordance with AS/NZS 2009. Linemarking to be calibrated with AccuBrite traceable Secondary Standards.
- o. The lighting of the route shall comply with Council and AS1742 requirements.

All works will be undertaken to the satisfaction of Council.

Prior to the commencement of operations, the proponent it to enter into an agreement with the Council to provide funding for the maintenance of the sealed section of Wattle Hill Road for a 25 year period.

A reticulated electricity supply will be provided to the facility.

A telephone service will be provided to the facility.

A reticulated water supply will be provided to the facility.

## **5. Planning Agreement**



The proponent will enter into a planning agreement with the Minister for Planning indicating what payments will be made for the provision of services and the on-going maintenance and operation of services required to meet the needs of the development including the remediation fund, road works and maintenance, bushfire controls, bushland management, noise monitoring and the like.