

IHAP Recommendations and Department's response

IHAP Recommendation	Department Comment
Shooting Noise	
Outdoor ranges limited to 4 days per week, including weekends, between 10am and 5pm as frequency of firearm shots will increase significantly on current levels and expose the community to a greater amount of firearm noise	Agree – condition recommended for standard operating hours for the outdoor ranges to be 4 days a week between 10am and 5pm.
Outdoor ranges could operate between 9am and 10am, and 5pm to 8pm daylight savings time if shooting is inaudible at private property boundaries.	Do not agree – the proponent advised that no firearms to be used at the complex will be less than 60dB(L) (ie, inaudible) at property boundaries.
Indoor range can be used 7 days a week 10am to 5pm and evenings 3 days per week 5pm to 10pm.	Generally agree - condition recommended. The proposed start time of 9am is considered reasonable given the calibre of firearm to be used, and that the building is enclosed.
Adopt acoustically absorptive material and all proposed external range shelters.	Agree - condition recommended.
Where possible, schedule high powered firearms on new ranges.	Do not agree – high powered, big bore rifles used on the longest range (800m). In any case, firearm noise still needs to meet noise requirements recommended below.
Minimise military use as much as practical.	Agree - addressed by Condition for an Operational and Environmental Management Plan (OEMP).
Noise from firearms not to exceed 75dB(L) at the boundary.	Agree - condition recommended.
No shooting on public holidays.	Generally agree - condition recommended that special events may be held on public holidays.
Attended quarterly noise monitoring quarterly for first year, annually thereafter.	Agree - condition recommended.
Compliance monitoring and reporting available on a website.	Agree - condition recommended for reports to be placed on a website and provided to the Council and Department of Planning.

Construction management plan for traffic noise.	Agree - addressed in Condition recommending a Construction and Environmental Management Plan (CEMP).
Special concessions to be obtained to increase the number of special events/competition days.	Agree - increasing special events/competition days from 3 days per year would need further assessment and approval from the Department of Planning.
Other noise	
A DECCW approved management plan for construction noise, inclusive of road traffic noise should be adopted and implemented.	Generally agree – condition recommended for a CEMP to be prepared, to include construction noise, and construction traffic noise.
Road traffic noise should not exceed DECCW's recommendations at facades of residents of West Street and Wattle Ridge Road.	For most days of the year, traffic is expected to be similar to the current peak, and is unlikely to exceed the noise levels recommended by DECCW.
Traffic	
Completion of safety audit of most likely route.	Agree – Proponent stated in PPR that this would be undertaken.
Endorse maintenance agreement to be entered into by proponent and council for Wattle Ridge Road.	Agree - condition recommended.
Warning signage and line marking.	Agree - condition recommended.
Flora and Fauna	
Additional flora and fauna survey work, including owls, bats and koalas, additional spring surveys and appropriate mitigation measures were recommended.	Agree - addressed in recommended condition for an Ecological Management Plan (EMP).
Clearing protocol for hollow bearing trees, endorsed by DECCW.	Agree - addressed in recommended condition recommended for a CEMP.
Vegetation clearing minimised and staged.	Agree - addressed in recommended condition for a CEMP.
Implementation of recommendations in Supplementary Ecological Report.	Agree - addressed in recommended condition for an Ecological Management Plan.
Contamination	
Soil and water contamination should be addressed in OEMP.	Agree - addressed in recommended condition for an OEMP.
Design of ranges and management practices be in accordance with US EPA document Best Management Practices for Lead at Outdoor Shooting Ranges.	Agree – addressed in recommended condition for an OEMP.

Should refer to Landcom's water management manual for soils and construction.	Agree – condition recommended.
Should address issues raised by DWE about the borehole/groundwater.	Agree – condition recommended to address groundwater.
Shotgun range pond should be relocated minimising contamination entering watercourses.	Do not agree – additional information was provided on the pond design, which was not objected to by SCA or DECCW. Location is considered satisfactory, subject to conditions.
Bushfire	
Provision of asset protection zones, construction standards, water supply in accordance with RFS requirements.	Agree - condition recommended.
Management of site should be incorporated into bushfire management system for adjacent National Park.	Generally agree – condition recommended for an EMP requires approval for bushfire management regimes for the site.
Ongoing management of the facility	
An OEMP be prepared to include construction of the complex and address, Landcom's water and sediment management guidelines, US EPA guidelines for outdoor shooting ranges and management of noise vegetation, bushfire and soil and water contamination.	Generally agree - conditions recommended for a CEMP, OEMP, EMP and soil and water management addresses these issues.
Proponent and DECCW have further discussions to resolve management arrangements, including a conservation and environmental management plan.	Generally agree – proponent has committed to a Conservation Agreement with DECCW. In any case, DECCW advised that agreements have been put in place previously to come to such an agreement.
Consolidation of clubs to Hill Top	
The clubs should be encouraged by NSW Sport and Recreation to relocate at to Hill Top at the earliest possible time.	Generally agree – most clubs already utilise the Hill Top range. Condition recommended for the Illawarra Regional Shooting Association and Phoenix Pistol Club to relocate all shooting activities to Hill Top once all ranges have been constructed.