

Noise Management Plan

Noise

As previously reported in the planning application:-

8.7 Noise

The site cabins and an existing tree line will be utilised as noise barriers. There are no dwelling houses within 300 metres of the site.

A noise report has been submitted with the application and it is concluded that the predicted noise levels will meet the guidelines contained within MPG11 and those of the WHO. To reduce the site noise to a minimum, additional screening around the noise sensitive equipment and around the site will be implemented. Soft noise absorbent matting will be used on the site fencing and around the main sources of noise. (Please see Appendix VII – Echo Barrier)

Site Layout

The layout of the site has been amended to make the best use of the site offices and containers as additional noise barriers. By using the offices as barriers, this decreases any effect of noise on the local noise sensitive receptors (NSR). The position of the offices and stores can be used to shield the noise from the NSR's. There will be no gaps between the cabins where sound could travel through. The position of any topsoil storage will also act as a barrier, this is at a height of 1.5m.

The location of the noise generating equipment will be located and orientated to cause the least impact:-

- The vents and exhaust for the generator to face away from the NSR's
- Any unnecessary revving of engines will be avoided and equipment will be switched off when not required.
- All plant and vehicles will be properly maintained, with regular checks of silencers and bearings.
- The plant will be started up sequentially rather than together.
- All plant will be operated with noise control hoods closed

Echo Barrier

A noise absorbing Barrier (Echo Barrier – See Appendix VII) will be used around the entire perimeter of the site. As this barrier works best when located close to the noise sources and additional barrier will be placed around the noise generating equipment.

Additional Measures

If in the unlikely event of this proposal there is any adverse affect on the local residents then drilling would cease additional noise barriers would be put in place around the noise sources to reduce the

impact. This could be in the form of a straw bale wall that can be built around the site to form noise adsorbing barrier to protect the local NSR's. Following a day time test, drilling would re-commence once the Council confirmed that noise levels were acceptable

Lighting

In the supporting statement (see 8.8 below) the lighting will be required at night. This lighting will be positioned so that there is no impact on the local residential properties. In the unlikely event of a complaint from the lights, this will be immediately addressed on site and the lights will be re-positioned so that they do not impact on local residents.

8.8 Lighting at Night

The lights will be on stands no more than 3m in height, the lights will be hooded and down pointing so that light cannot spill over the site boundary. No lights will be allowed to point directly at an existing dwelling or onto the highway. The lights will be positioned so that they do not cause distraction to drivers on the roads. The lighting will be positioned to cause no disturbance to wildlife within the adjoining vegetation.

Dust

The drilling process does not create dust, however, this can be created on the site by vehicle movements in dry conditions. If dust is created then there is clean water held on site in tanks to damp down the site to reduce the impact of dust.