Zion Landfill
Noise Control Plan

The Facility will be operated in accordance with 35 Ill. Admin. Code Section 900. Machinery designated for operations at the landfill will be equipped with mufflers or other sound dissipative devices as required for compliance with 35 Ill. Admin. Code Sections 901.101 through 901.103 and Section 901.121.

Quieter back-up alarms shall be used on all Facility heavy equipment that backs up frequently (i.e., bulldozers, compactors, loaders and articulating dump trucks). Additionally, third party construction equipment that backs up frequently, and is scheduled to be on site for at least 60 days, will be equipped with quieter backup alarms. Quieter alarms, or similar backup devices that meet OSHA requirements (29 CFR Part 1926.602.a.9) may be selected from the list below, or from equivalent quieter alarms:

1. Manually adjustable backup alarms
   a. Preco Model 45, 100 and 300 series
   b. Ecco Model 500 and 600 series

2. Automatically adjustable backup alarms
   a. Preco Model 100 series
   b. Ecco Model 800 and 900 series

3. Community sensitive backup alarms
   a. Brigade SMART bbs-tek;

Earthen berms surrounding the facility will serve to dampen noise from the operational activities. The berms will be vegetated upon completion to increase the dampening effect of the berms. The landfill expansion footprint and screening berms have been designed in a way that allows for sustainability of a large portion of the tall trees located on the east side of the expansion. This tree line will also help dampen the noise from the facility. The screening berm locations as well as the stand of trees are shown on the Design Drawings in the Siting Application.