

**ASSUMPTIONS FOR AIR QUALITY AND NOISE ANALYSES**  
**Ventura ILA**

- Building will be manually gutted.
  - Maximum volume of gutted material = ~ 314 cu. yd.
  - Bulk density of gutted material = 0.67 ton/cu. yd.
  - Maximum mass of gutted material = 116 tons.
  - Semi-end dump truck with a capacity of 20 tons will remove 116 tons of debris, requiring 6 trips.
  - Truck will travel one way distance to most distant landfill listed for site, assumed to be 100 miles.
- Minimal grading will be needed for the 11 cu. yd. generator pad, which is about 1/24 of the 270 cu. yd. full pad used for a vacant land ILA. The grading effort and emissions are assumed to be 1/8 of those used for a vacant land ILA.
- Pad construction will be assumed to be 1/8 that needed for a vacant land ILA.
- Trenching

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