

**RESPONSE 107**

**4.11.5 Site Boundary Markers §330.143(b)(2)**

Site boundary markers (Black) shall be placed at each corner of the site and along each boundary line at intervals no greater than 300 feet. ~~Fencing may be used in place of these markers, as appropriate. Fence posts may be used as site boundary markers if painted black.~~

**4.11.6 Buffer Zone Markers §330.143(b)(3)**

Markers (Yellow) identifying the buffer zone shall be placed along each buffer zone boundary at all corners and between corners at intervals of 300 feet. Placement of the landfill grid markers may be made along a buffer zone boundary.

**4.11.7 Permanent Benchmark §330.143(b)(8)**

A permanent benchmark has been established at the site. The benchmark monument is established at the site in an area that is readily accessible and will not be used for disposal. The monument elevation was surveyed from a known United States Coast and Geodetic Survey benchmark. The location and elevation of the reference benchmark monument location is provided in Part II, Figure II-4, Site Layout Plan. The monument is a bronze marker set in concrete with the benchmark elevation and survey date stamped on it.

**4.12 Materials Along Route to Site §330.145**

The LM or designated alternate shall take the necessary steps to encourage that vehicles hauling waste to the site are enclosed or utilize a tarpaulin, net, or other means to effectively secure the load to prevent the escape of any part of the load by blowing or spilling. The LM or designated alternate shall include, as necessary, signs posted at the landfill entrance requiring the loads to be enclosed or covered, and the possibility of reporting offenders to the City of Temple Police Department, adding litter control surcharges, or other necessary information that may minimize public non-compliance. On a daily basis and during daylight hours when the facility is in operation, Little Flock Road and all other public roads used to access the landfill, including Loop 363, shall be inspected and cleaned of spilled materials and windblown waste for a distance of 2 miles in either direction from any entrances used to deliver waste to the site. The following table provides specific access roads and the distances to be cleaned.

**Table 8: Access Road Distances to be Cleaned**

| <b>Public Access Road</b> | <b>Distance of Responsibility</b>                        |
|---------------------------|--|
| Little Flock Road East    | 2.0 miles east of the facility entrance                  |
| Avenue H West             | 2.0 miles west of the facility entrance                  |
| Loop 363 North            | <del>2.0</del> 1.75 miles north of the facility entrance |
| Loop 363 South            | <del>1.75</del> 2.0 miles south of the facility entrance |

**Table 7: Marker Color Coding**

| <b>Marker</b> | <b>Color</b> |
|---------------|--------------|
| Site Boundary | Black        |
| Buffer Zone   | Yellow       |
| Easements     | Green        |
| Grid System   | White        |
| SLER/GLER     | Red          |
| Floodplain    | Blue         |

**4.11.1 Easement and Right-of-Way Markers §330.143(b)(4)**

Easement and ROW markers (Green) will be placed along either the centerline or the limits of an easement and along the boundary of a ROW at intervals of 300 feet and at each corner within the site and at the intersection of the site boundary. ~~If a utility line has been constructed down the centerline, the marker may be off set on the easement or ROW.~~

**4.11.2 Site Grid System Markers §330.143(b)(5)**

A site grid system (White) will be installed at the facility. The grid system will encompass at least the area expected to be filled within the next 3 year period. An alphanumeric grid system shall consist of lettered markers along two opposite sides, and numbered markers along the other two sides. Markers will be spaced no greater than 100 feet apart measured along perpendicular lines. Where markers cannot be seen from opposite boundaries, additional markers will be installed, where feasible. The site grid system will be tied to the site benchmark, or other survey system.

**4.11.3 SLER or GLER Area Markers §330.143(b)(6)**

SLER or GLER area markers (Red) will be placed so that all areas for which a SLER or GLER has been submitted and approved by the TCEQ are readily determinable. Such markers are to provide site workers immediate knowledge of the extent of approved disposal areas. These markers will be located so that they are not destroyed during operations until operations extend into the next SLER or GLER. The location of these markers will be tied into the site grid system and will be reported on each SLER or GLER submitted. SLER and GLER markers will not be placed inside the evaluated areas.

**4.11.4 100-year Flood Limit Protection Markers §330.143(b)(7)**

Flood protection markers (Blue) shall be installed for any area within a solid waste disposal facility that is subject to flooding prior to the construction of flood protection levee within the 100 year floodplain. The area subject to flooding shall be clearly marked by means of permanent posts spaced not more than 300 feet apart or closer, if necessary, to retain visual continuity.