The interior grass areas are located on the north and south 40 acre site. This area is west and south of the public tipping areas, and north, south, and east of the yard waste composting facility. The purpose of the grass areas is to stabilize the slopes and maintain a favorable appearance around the site.

This area has been closed and covered with a liner system during the Landfill Closure Contract. The cover system consists of a 18-inch foundation layer, 6 inch sand layer, 50 mil. HDPE liner, 18 inches of native granular cover material, and 6 inches of native topsoil with hydroseed. Rip-rap ditches are around the entire covered area. The hydroseed mixture includes fescue, bent, and perennial rye grasses.

Prescription

It is the intent of the Solid Waste Division to maintain the grass areas and ditches in a way that will discourage weed species from entering the grass areas and ornamental landscape. This will require cultural activities such as mowing and fertilizing to encourage a healthy grass community in the interior grass areas.

Monitoring

Perform inspections in late spring and early fall and will include identification and estimate the amount of weed species. The areas inspected will include the grass areas and ditches. Use the results of the inspection to decide if weed control will be necessary and to measure the effectiveness of the weed control program. Submit a written report to the Landfill Landscape Manager after each inspection.

Treatment Strategy

Discourage weeds in the grass area by using cultural techniques that promote a stable grass community. These cultural activities include fertilizing, mowing, and weeding.

Fertilizing

Fertilizing will promote a strong grass community that will help discourage weeds. The recommended amount is about 50 lbs. of nitrogen per acre once per year in the late fall. The recommended form of fertilizer is a slow release type or an organic form of nitrogen. Top soil in the grass areas is low in organic material. Applying an organic form of fertilizer would be an additional benefit by adding organic matter to the soil. Increasing the organic material in the soil would help retain water and nutrients and benefit the grass areas eventually. Top dressing once a year for several years with an organic material is recommended. Two recommended materials would be Nutri-mulch.
and Tagro.

**Mowing**

Mow at least twice per year to help prevent weed seed production. Mowing once in May or early June and once in September or October will help prevent weed seed production. The mowing height will be about six inches and cut grass will be left in place.

**Weeding**

Control weeds by hand or by mechanical means. Roundup is inappropriate because there will be non-target impacts to the surrounding grasses and will open areas for weed infestation.

**Evaluation**

Records will be kept that will help evaluate the weed control program. These records will provide a historical account of the cultural and weed control activities. This information will be useful to "fine tune" the weed control program and select future weed control options.