

# EXECUTIVE SUMMARY

## **General**

At the request of the Harford County Department of Public Works, staff from the Maryland Environmental Service (MES) with assistance from EA Engineering, Science and Technology, Inc., performed an assessment of the Scarboro Landfill and its ancillary facilities. The assessment included a review of all pertinent documents, including the Refuse Disposal Permit, air permit, stormwater permit, MDE inspection reports, the current Harford County Solid Waste Plan, MDE inspection reports, annual tonnage reports and the recently approved landfill expansion plan (see appendix A). It also included daily observation of workplace operations and interviews with select Harford County employees involved in the operation and management of the facilities (see appendix B).

Finally it included an evaluation of the Geosyntec Design Basis Memorandum regarding options for traffic flow into and around the Harford County Waste Disposal Center (This document was delivered to Harford County separately in letter format).

Based on the document and permit review, daily operations observation and employee interviews a report was prepared offering recommendations for site and operational improvements.

## **Homeowner Drop-off Operations:**

Facilities for receiving and storing recyclable materials delivered by homeowners are generally well organized, delineated, labeled, and maintained. However, the physical layout and traffic patterns between the homeowner drop-off area and the landfill have the potential to cause vehicle accidents and injury, particularly where commercial or landfill traffic and citizen vehicle or homeowner drop-off traffic patterns cross.

## **Commercial Drop-off Operations:**

Facilities and operator practices in this area need to be evaluated. Guard rails and other restraints adjacent to and above the transfer trailers appear to be inadequate for personnel fall protection. The use of wheel loaders to compact the contents of trailers from above, and close to the edge, is not safe.

## **Municipal Solid Waste Landfilling:**

No offensive odors or leachate seeps were apparent at the landfill. The activities and practices for conforming to regulatory and permit requirements for monitoring, recordkeeping, and reporting related to leachate, landfill gas (LFG), and groundwater were well organized and managed. Management of waste compaction, daily cover, surface water ponding, fugitive dust, blowing litter, and surface soil erosion, do not appear to fully conform to permit and regulatory requirements, and should be given additional attention.