

5.0 Traffic

Number of Trips

The majority of waste materials will be delivered to the facility by private collection vehicles. Due to the wide variety of vehicle types, load weights can range from several tons to 22 tons. The majority of outbound material will be shipped in transfer trailers (20-22 tons each). A conservative assessment of the distribution of traffic is given in the following table:

Waste – Incoming		
Vehicle Types	Roll-off container transfer trucks, front & rear packers, pickup trucks & trailers	
Daily Waste Volume	500 tpd	
Average Tons Per Load	8 tons	
	500 tpd / 8 tons per load = 62.5 vehicles per day or 125 trips per day	
Material & Waste - Outgoing		
Vehicle Types	Roll-off container transfer trucks	
Daily Waste Volume	500 tpd	
Average Tons Per Load	22 tons	
	500 tpd / 22 tons per load = 23 vehicle per day or 46 trips per day	
Employees & Visitors		
Vehicle Types	Pickup trucks & cars	7 vehicles per day or 14 trips
Total Traffic	125 + 46 + 14 = 185 trips per day	

Traffic Routes

Appendix D is a depiction of the proposed traffic routes. The entrance to the facility is approximately one-mile northeast of the intersection with NY-224. It is anticipated that 70% of the traffic (84 trips) to the County Line MRF site will be approaching the site from Route 13-N (Elmira Road). The other 30% of anticipated traffic (36 trips) will be approaching the site from Route 13-S. Transfer vehicles will use NY-13 to Route 228, to Route 96, then to NY-414 to the IESI Seneca Meadows landfill in Waterloo. Transfer vehicles may also use NY-13 to NY-17 then to Lowman Exit 58 to Chemung County Landfill.

6.0 Procedure for Unloading Trucks

After loads are inspected and measured, collection vehicles will unload inside the building. Trucks will back into the building from the northeast side. Four trucks will be able to unload at a time. After tipping their loads, the collection vehicles will exit the facility.

The estimated time for the truck to unload and leave the building, plus the time for the tipped load to be moved aside to make room for the next load, is approximately 30 minutes. Material will be loaded into a transfer trailer as it accumulates. At a conservative rate of two loads per hour per truck and 8 tons per load, up to 512 tons of material can be handled in an eight-hour day, which exceeds the proposed daily waste acceptance rate of 500 tons. At an average density of 700 lbs per cyd, this is approximately 1462 cyd of material.

7.0 Storage

Storage areas for materials at the facility are shown on Sheet C2, Site Plan of Appendix H Project Drawings.