

### 3.14 Utilities – Solid Waste

#### 3.14.1 Existing Solid Waste Services

Removal of solid waste in the Village of New Paltz is performed by private carters. The existing solid waste service facility which services the area is the Ulster County Resource Recovery Agency (UCRRA) 999 Flatbush Road Kingston, NY 12401 (856)336-0600. The facility is a transfer station only, nothing is burned or disposed of at this facility but is shipped to landfills out of state.

Private and publicly generated waste within the designated service area is not mandated to use the UCRRA; however UCRRA does handle the recyclables for New Paltz.

There are no expansion plans for the UCRRA facility, as it is only five years old. UCRRA has a second facility in Kingston that can be used as necessary. As constructed, the Ulster County Resource Recovery Agency is capable of handling a maximum of 26 tons per week (tpw) of solid waste from New Paltz and, according to the Director of Operations, presently is handling well below that amount. Therefore the facility could accommodate additional solid waste without an increase in size or a change in its permitted operating capacity.<sup>60</sup>

The USEPA estimates that the national per capita garbage generation rate was 4.4 pounds per person per day. The recycling rate was 1.3 pounds per person per day. Therefore the discard rate, after recycling, was 3.1 pounds per person per day,<sup>61</sup>

Data from the American Housing Survey, 1987, estimates, on average, that 2.05 persons live in a two-bedroom townhouse, and 1.8 persons live in a two-bedroom age-restricted apartment. Therefore, the proposed development would include 564 residents.

Table 42 - Solid Waste Generation Estimates  
 Stoneleigh Woods @New Paltz

Unit Type	No. of Units	Estimated House-hold Size	Total No. of Residents	Estimate, per Capita Solid Waste Generation (pounds per day)	Estimate, per Capita Recyclables Generation (pounds per day)	Estimate, per Capita Solid Waste Discard (pounds per day)
2-Bedroom Townhouse	96	2.05	196.8	4.4	1.3	3.1
2-Bedroom Age-Restricted	204	1.8	367.2	4.4	1.3	3.1
<b>Total</b>	<b>300</b>		<b>564</b>	<b>2481.6</b>	<b>733.2</b>	<b>1748.4</b>

Therefore, weekly solid waste rates are expected to include 2.6 tons or recyclables and 6.1 tons of solid waste for transfer to the UCRRA.

<sup>60</sup> Personal communication between Mr. Mike Beemis, Director of Operations at UCRRA and Ms. Barbara Gerlach, LMS Engineers, LLP, August 16, 2004. Note that specific tonnage numbers were not available from Mr. Beemis.

<sup>61</sup> *Municipal Solid Waste in the United States: 2001 Facts and Figures*, EPA October, 2003.

### **3.14.2 Potential Impacts to Solid Waste Services**

During construction, it is anticipated that the contractors would remove reusable surplus and the remainder would be removed by a private carter and disposed of at the Ulster County Resource Recovery Agency. However, it is anticipated that the solid waste generated would not be significant and would have no impact on the Resource Recovery Facility.

The Stoneleigh Woods @ New Paltz site plan has planned for the receptacle space required for the both recyclable and discarded solid waste on site.

### **3.14.3 Solid Waste Services Mitigation Measures**

Impacts associated with an increase in the resident population include general increases in the generation of solid waste. This is an inevitable result of urbanization. However, the residents would be required to adhere to the Ulster County recycling program which would help to reduce the amount of total waste to be discarded. As no impacts are anticipated as a result of solid waste generation, no mitigation is required.