

Appendix 14
Springfield Landfill

APPENDIX 14 – SPRINGFIELD LANDFILL

The city of Springfield owns and operates the Springfield Landfill. It is located approximately 9 miles north of Springfield off Highway 13 in Greene County which is part of Solid Waste Management District O.

Demographics:

	<u>Springfield</u>	<u>Greene County</u>
Population	151,823	240,391
Number of Households	64,779	98,003
Average Household Size	2.17	2.34
Median Household Income	\$29,563	\$34,157

Solid Waste Collection

Many private haulers service the Springfield area. The city requires those collecting trash from city residents to offer curbside recycling collection as well.

Solid Waste Disposal

The city of Springfield landfill received 132,062 tons of waste during calendar year 2006. The current tipping fee is \$28.65 per ton.

Waste Reduction, Recycling, and Recovery Programs

The city of Springfield has had a “full menu” of environmental programs for many years. They operate drop-off locations for yard waste and recyclables as well as a permanent household chemical collection center. Over 3400 tons of recyclables were received in 2006 while over 150,000 cubic yards were accepted at the Yard Waste Recycling Center and over 61,600 pounds of material at the HCCC. They process mulch and compost and market several varieties to the public. In mid 2006 the city landfill gas to energy facility was brought online converting the landfill’s methane to electricity.

Private recycling processing facilities sort and market the recyclables collected in the Springfield area.

Springfield Landfill Sort Results

Sampling information and composition results are listed in Tables 14.1 through 14.6 and exhibited in Charts 14.1 through 14.4. Nothing extraordinary was noted by the sorters during the events. Compared to the 1996-1997 WCS, Springfield’s waste stream now contains 4.1% less Paper and 2.9% more Plastic by weight. Subcategories showing large swings in the Paper category include High Grade Paper (5% more) and Mixed Paper (8.7% less).

When compared to the 2006-2007 overall average, however, these subcategories were close to norm. The categories with the greatest variance from the overall average by weight are Paper (1.9% more) and Organics (4.6% less). Comparing categories and subcategories to the other sites sampled in the 2006-2007 study, Springfield had the highest percentage by weight in Newsprint(7.04), High Grade Paper(4.51), Food Cans(3.82), and Household Hazardous Waste(1.68) while having the highest percentage by volume of Mixed Paper(13.48), Total Paper(40.01), HDPE #2 Plastic(4.83) and Household Hazardous Waste(1.08). Springfield

