

Appendix 9
Phelps County Transfer Station

APPENDIX 9 – PHELPS COUNTY TRANSFER STATION

Phelps County Transfer Station is located in Rolla just off I-44 which is in Solid Waste Management District K. Rolla is home to one of the University of Missouri campuses.

Demographics:

	<u>Rolla</u>	<u>Phelps County</u>
Population	16,540	39,825
Number of Households	6,544	15,677
Average Household Size	2.21	2.38
Median Household Income	\$26,479	\$29,378

Solid Waste Collection

The city of Rolla provides refuse and recycling collection within city limits. Waste Corporation of America is the primary collection provider outside Rolla city limits in the Phelps County Transfer Station service area. Several other private haulers utilize the facility as well.

Solid Waste Disposal

The Phelps County Transfer Station is owned by the city of Rolla and operated by Waste Corporation of America. Waste is bulked and then transferred to the Hartville Landfill. Current tipping fees are \$40.63 per ton and approximately 200 tons per day are processed through the facility.

Waste Reduction, Recycling, and Recovery Programs

The city of Rolla operates a curbside recycling program as well as a recycling facility where drop-offs are accepted. The nearby city of St. James collects recycling curbside weekly and hauls the material to the Rolla recycling facility. The facility also processes recycling brought in from other nearby communities. Over 2,685 tons of recyclables were processed at the facility in 2006.

Phelps County Transfer Station Sort Results

Sampling information and composition results are listed in Tables 9.1 through 9.6 and exhibited in Charts 9.1 through 9.4. Yard waste was noted in one of the samples during the spring sort. Nothing else extraordinary was noted. Comparing the results to the 1996-1997 WCS, there was very little variance among categories, with the greatest being 1.6% more Plastics than in the previous study.

The Phelps County results were also very near the overall 2006-2007 average with the greatest variance being in Plastics (1.3% less) and Organics (1.3% more). When compared to the other sites sampled, the highest percentage by weight in High Grade Paper(9.21) was at Phelps County, while the lowest percentage by weight in PET #1 Plastic(1.81) and the lowest percentage by volume in PET #1 Plastic(3.29), Other Plastic(10.98) and Total Plastic(28.53) were also at this facility.

