

Economic Impact of Waste Management in Manatee County

Introduction

This economic impact analysis estimates the economic activity generated by Waste Management's district headquarters in Manatee County. The economic activity is measured or estimated for several indicators including output, value-added, earnings and selected tax revenues.

TBRPC modeled the assumptions listed in Table 1 using data provided by Waste Management. Included in these were 183 direct jobs at an average wage and compensations package of \$52,400. The average wage without the compensation package is \$38,500, which is higher than the average wage in Manatee County of \$32,845. Waste Management's district headquarters sit on 14 acres with an additional administrative office located in downtown Bradenton.

Impacts

Table 1 describes various impacts from operations. The 183 direct jobs equivalents generate an additional estimated 136 indirect and induced jobs for a total of 319 jobs. These jobs generate (directly, indirectly, and induced) an estimated \$11.8 million in annual household earnings. The operations generate an estimated \$42.4 million in total annual economic output in Manatee County alone.

Waste Management contributed \$71,000 last year in property and equipment taxes. Expenses for last year surpassed \$10 million dollars, with a large amount staying within Manatee County, a detailed analysis is shown in Table 2.

Additional impacts to the community that Waste Management contributes to include over \$38,000 to local charities and community memberships and \$11,500 of in kind contributions. Waste Management also spent \$500,000 in the local economy last year on planning and researching a possible business expansion and over \$500,000 in the construction for facility improvement.

All figures are based on 2007 U.S. Dollars.

Annual Impact Summary

Total Direct, Indirect and Induced Jobs: 319
Income: \$11.8 Million
Gross County Product: \$22.2 Million
Total Output: \$ 42.4 Million

Methodology

This analysis reports total impacts that include direct, indirect and induced effects of the economic events. Direct effects are the impacts of the expenditures/sales of the final demand for the event being measured (e.g. a new job baking bagels in a plant). The indirect effects are the result of the new industry purchasing from other industries (e.g., buying cinnamon and raisins for the bagels). Induced effects are the impacts generated by the expenditures of the new household income generated by the wages paid by the direct and indirect beneficiary industries.

The employment estimates of the new and expanded companies were analyzed using both the REMI Policy Insight® (a highly sophisticated econometric model) and IMPLAN Pro® (a basic input/output model) economic models. These models are the best available tools to estimate economic impacts. The analysis involves the use of historical data, input-output tables and general equilibrium models to access the impact of a particular event or industry on the regional economy.

The Gross County Product is a concept analogous to the national concept of Gross Domestic Product. It is equal to Total Output excluding the intermediate inputs. It represents compensation and profits.

Table 1: Manatee County Annual Impacts

Key Indicators	
Employment	319
Income	\$11,790,000
Manatee County Product	\$22,150,000
Manatee County Total Output	\$42,440,000
Provided Assumptions	
Waste Management Employment	183
Waste Management Wages	\$9,560,000
Annual Gross Sales	\$35,800,000

Table 2: Annual Spending (provided by Waste Management)

2007 Expenses	
Vehicles	\$5,100,000
Operations	\$2,500,000
Tires	\$425,000
Equipment	\$160,000
Advertising	\$35,000
Furniture	\$15,000
Fuel and Oil Purchases	\$2,308,000
Taxes for Fuel and Oil	\$455,700



Prepared January 2008 by:

Tampa Bay Regional Planning Council
 Economic Analysis Program
 Featuring REMI Policy Insight® and IMPLAN®