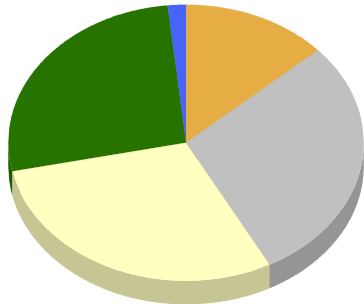


Analysis Report

for

2002 Landcover city of Montgomery AOI



Land cover areas are in acres.

■ Cropland: Fallow: Bare Soil	3,265.5	13.2%
■ Impervious Surfaces	7,180.2	29.1%
■ Open Space - Grass/Scattered Trees	7,219.2	29.3%
■ Trees	6,610.9	26.8%
■ Water Area	397.8	1.6%
Total:	24,673.6	100.0%

Total Tree Canopy: 6,610.9 acres (26.8%)

Air Pollution Removal

Nearest Air Quality Reference City: Atlanta

	<u>Lbs. Removed/yr</u>	<u>Dollar Value</u>
<i>Carbon Monoxide:</i>	17,679	\$7,545
<i>Ozone:</i>	271,079	\$832,814
<i>Nitrogen Dioxide:</i>	70,716	\$217,256
<i>Particulate Matter:</i>	223,935	\$459,329
<i>Sulfur Dioxide:</i>	47,144	\$35,380
<u>Totals:</u>	630,553	\$1,552,323

Carbon Storage and Sequestration

Total Tons Stored: 284,476.96

Total Tons Sequestered (Annually): 2,214.73

Stormwater

Water Quantity (Runoff)

2-yr, 24-hr Rainfall: 4.75 in.

Curve Number reflecting existing conditions: 85

Curve Number using default replacement landcover: 91

Additional Storage volume needed: 53,913,823 cu. ft.

Construction cost per cu. ft.: \$2.00

Total Stormwater Savings: \$107,827,647

Annual costs based on payments over 20 years at 6% interest: \$9,400,906 per year

Water Quality (Contaminant Loading)

Percent Change in Contaminant Loadings

