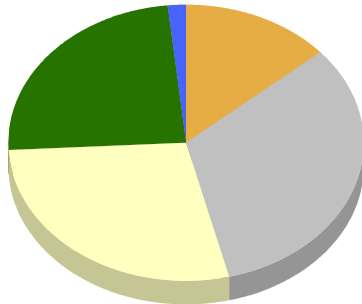


Analysis Report

for

2006 Landcover City of Montgomery AOI



Land cover areas are in acres.

■ Cropland: Fallow: Bare Soil	3,391.1	13.7%
■ Impervious Surfaces	7,989.6	32.4%
■ Open Space - Grass/Scattered Trees	6,926.3	28.1%
■ Trees	5,949.5	24.1%
■ Water Area	417.3	1.7%
Total:	24,673.9	100.0%

Total Tree Canopy: 5,949.5 acres (24.1%)

Air Pollution Removal

Nearest Air Quality Reference City: **Atlanta**

	<u>Lbs. Removed/yr</u>	<u>Dollar Value</u>
Carbon Monoxide:	15,910	\$6,790
Ozone:	243,960	\$749,498
Nitrogen Dioxide:	63,642	\$195,521
Particulate Matter:	201,532	\$413,377
Sulfur Dioxide:	42,428	\$31,840
<u>Totals:</u>	567,472	\$1,397,026

Carbon Storage and Sequestration

Total Tons Stored: 256,017.41

Total Tons Sequestered (Annually): 1,993.16

Stormwater

Water Quantity (Runoff)

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

Curve Number reflecting existing conditions: 86
 Curve Number using default replacement landcover: 92

Additional Storage volume needed: 54,725,055 cu. ft.
 Construction cost per cu. ft.: \$2.00

Total Stormwater Savings: \$109,450,110

Annual costs based on payments over 20 years at 6% interest: \$9,542,359 per year

Water Quality (Contaminant Loading)

Percent Change in Contaminant Loadings

