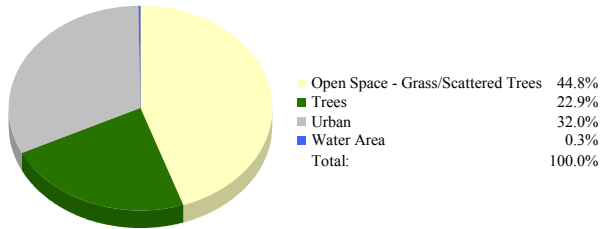
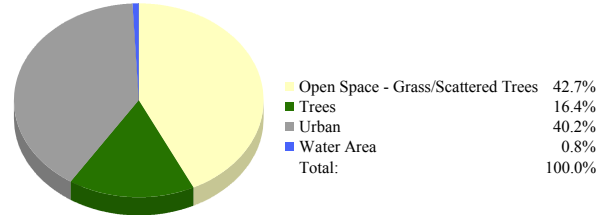


Clover, SC 1984 Landcover



Clover, SC 2003 Landcover



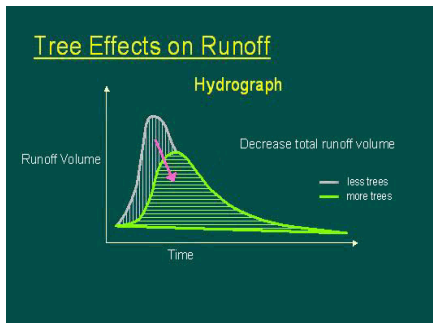
Air Quality Results

Pounds Removed per Year

Pollutant	1984	2003
Carbon Monoxide:	1,477	1,057
Nitrogen Dioxide:	2,584	1,850
Ozone:	15,135	10,838
Particulate Matter:	11,075	7,930
Sulfur Dioxide:	4,799	3,436
Total:	35,070	25,112

Stormwater Results

Storm Event Hydrograph



Stormwater Volume Change

2-yr, 24-hr Rainfall: 3.25 in.

*Curve Number reflecting conditions in 1984: 75

*Curve Number reflecting conditions in 2003: 78

Additional Storage volume of stormwater generated due to change in landcover from 1984 to 2003: 1,196,747 cu. ft.

Construction cost of retention facilities per cu. ft. of stormwater: \$2.00

Cost of the construction of retention facilities to store excess volume of stormwater: **\$2,393,493**

Benefits Summary

Landcover Change (acres)

Landcover	1984	2003	Change
Trees:	414	297	-28.3%
Open Space:	811	773	-4.7%
Urban:	580	727	25.3%
Water:	5	14	180.0%
Total Acres:	1,810		

Air Pollution Benefits

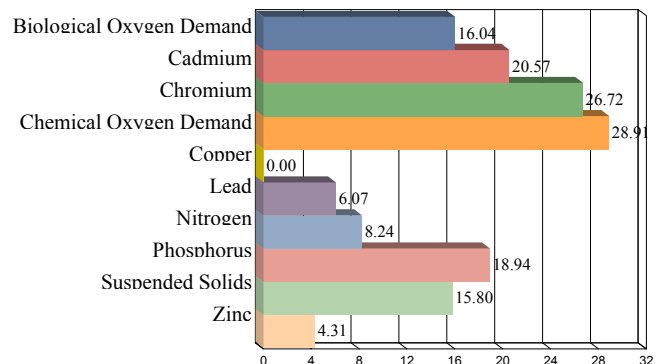
Pollutants Removed (lbs):	35,070	25,112	-9,958
\$ Amount:	\$81,386	\$58,276	-\$23,110
Carbon Stored (tons):	17,820	12,760	-5,060
Carbon Sequestered (lbs):	139	99	-39

Stormwater Benefits

Additional Storage Volume Needed:		2,234,726	1,196,747
Cost of Retaining Additional Volume of Runoff:		\$4,469,452	\$2,393,493

Water Quality (Contaminant Loading)

Percent Change in Contaminant Loadings from 1984 to 2003 due to land cover change



*The stormwater calculations are based on curve number which is an index developed by the NRCS, to represent the potential for storm water runoff within a drainage area. Curve numbers range from 30 to 100. The higher the curve number the more runoff will occur. The change in curve number reflects the increase in the volume of stormwater runoff.