



Land cover in acres and percentages

Category	Acres	Percentage
Arid & Semi-Arid Rangeland: Sagebrush: Ground cover 30% - 70%	29,337.3	22.8%
Impervious Surfaces: Paved	10,901.9	8.5%
Impervious Surfaces: Paved: Drain to sewer	14,080.6	10.9%
Impervious Surfaces: Unpaved: Dirt	7,874.0	6.1%
Open Space - Grass/Scattered Trees	3,868.1	3.0%
Open Space - Grass/Scattered Trees: Grass cover > 75%	2,860.6	2.2%
Trees: Grass/turf understory: Ground cover > 75%	9,966.1	7.7%
Urban: Commercial/Business	9,129.0	7.1%
Urban: Residential	34,198.6	26.5%
Urban: Western Desert	6,499.6	5.0%
Water Area	116.1	0.1%
Total:	128,831.9	100.0%

Tree Canopy: 9,966.1 acres (7.7%)

Air Pollution Removal

Nearest air quality reference city: **Phoenix**

	<u>Lbs. Removed/yr</u>	<u>Dollar Value/yr.</u>
Carbon Monoxide:	79,955	\$39,240
Ozone:	382,006	\$1,349,648
Nitrogen Dioxide:	204,329	\$721,905
Particulate Matter:	639,639	\$1,508,810
Sulfur Dioxide:	17,768	\$15,334
Totals:	1,323,697	\$3,634,937

Dollar values are based on 2009 dollars

Carbon Storage and Sequestration

Tons Stored (Total):	428,856
Tons Sequestered (Annually):	3,339

Stormwater Management

Water Quantity (Runoff Volume)

2-yr, 24-hr Rainfall in inches:	1.25
Curve Number reflecting existing conditions:	83
Curve Number of replacement land cover:	85

Dominant Soil Type: **C**

Replacement land cover type: (existing condition)

Impervious Surfaces: Buildings/ structures

Additional cu. ft. storage needed: **27,584,489**

Construction cost per cu. ft.: **\$3.00**

Total Stormwater Value: \$82,753,466

Annual Stormwater Value: \$7,214,824

(based on 20-year financing at 6% interest)

Water Quality (Contaminant Loading)

Percent change in contaminant loadings

