

Analysis Report for Las Vegas Valley





Air Pollution Removal

Nearest air quality reference city: Phoenix

	Lbs. Removed/yr	Dollar Value/yr.
Carbon Monoxide: Ozone: Nitrogen Dioxide: Particulate Matter:	188,312	\$92,419
	899,714	\$3,178,736
	481,243	\$1,700,254
	1,506,498	\$3,553,601
Sulfur Dioxide:	41,847	\$36,115
Totals:	3,117,615 Dollar values are	\$8,561,126 hased on 2009 dollars

Carbon Storage and Sequestration

Tons Stored (Total): 1,010,055
Tons Sequestered (Annually): 7,864

Stormwater Management

Water Quantity (Runoff Volume)

2-yr, 24-hr Rainfall in inches:	1.25
Curve Number reflecting existing conditions:	84
Curve Number of replacement land cover:	86

Dominant Soil Type: C

Replacement land cover type: (existing condition) Impervious Surfaces: Buildings/ structures

Additional cu. ft. storage needed: **69,368,919**Construction cost per cu. ft.: \$3.00

Total Stormwater Value: \$208,106,758

Annual Stormwater Value: \$18,143,696

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

Water Quality (Contaminant Loading)

Percent change in contaminant loadings

