Appendix D: Sustainability Goals

Category	Indicator	Goal
Sc	Open Space Availability	Create greatest amount of open space acreage per resident
Sc	Open Space Accessibility	Ensure that all residents have reasonable access to park acreage (usually measured via percentage of residents within ¼ mile of parks)
Sc	Housing Diversity	Attract multiple demographics and income levels
Sc	Historic Preservation	Retain as many existing buildings as possible
Sc	Connectivity to Retail Services	Reduce need for automobiles/traffic for residents and serve local needs
Sc	Connectivity to Schools	Limit distance of residences to schools
Sc	Public Health	Reduce the risk of exposure to hazardous materials. Ensure high air and water quality in the region.
LU	Housing Density	Condense residential program in a limited area to support transit oriented development (TOD), maximize open space and conserve resources
LU	Commercial and Industrial Density	Condense commercial and industrial program in a limited area to support transit oriented development (TOD), maximize open space and conserve resources. Note that for some commercial and industrial uses, lower densities may be more appropriate for the given economic activities.
LU	Jobs/Housing Balance	Maximize number of residents that also work in the project area
LU	Spatial Separation of industrial uses from other uses	Create a pedestrian friendly environment and one that supports industrial use
Tr	Trip Generation (absolute) and Congestion	Promote uses that limit the need for vehicle use and support walking, biking and use of transit
Tr	Vehicle Miles Travelled (VMT) – absolute and per service population	Promote uses that reduce the overall number of vehicle miles to reduce congestion and emissions
Tr	Transit Suitability	Make high quality transit options available and accessible to all land uses
Tr	Connectivity to Road Network	Ensure that road connections help to limit congestion, support business traffic and limit local traffic
Tr	Bicycle / Pedestrian Connections	Make site conducive to biking and walking

Category	Indicator	Goal
Ec	Jobs	Create as many new, high quality jobs as possible
Ec	Road and Utilities Infrastructure Cost	Maximize use of existing infrastructure
Ec	Retaining Light Industrial Uses	Retain as much of the existing industrial land use designation as possible
Ec	Green R&D Availability	Dedicate as much of the program to clean tech industries as possible to further the industry and generate green collar jobs
En	Energy Consumption (absolute & per service population, combining electricity and natural gas)	Reduce energy use and associated emissions
En	Electricity Demand (absolute)	Minimize peak demand to limit need for installed energy production capacity
En	District Energy Systems	Make use of Combined Heat and Power (CHP) /District Energy systems to maximize efficiency and limit emissions
En	Renewable Energy	Generate clean power with no emissions
Wa	Water Consumption (absolute & per service population)	Minimize peak demand and annual water use both in absolute and per capita terms to conserve potable water and energy
Wa	Recycled Water Utilization	Maximize use of recycled water to reduce demand for potable water
Wa	Stormwater Runoff Reduction	Minimize combined sewer overflows (CSOs) and protect local water bodies
M+W	Waste Generation (absolute & per service population)	Minimize waste sent to landfill in both absolute and per capita terms to reduce associated emissions
M+W	Organic Waste Generation (absolute)	In order to reduce the amount of waste that is sent to landfill and use waste as a fuel or fertilizer, favor land uses that generate the largest amount of organics as a percentage of total waste.
M+W	Existing Buildings Adaptation Potential	Similar to the principle related to the preservation of historic buildings (see Social),maximize the amount of building square footage retained for the same use.
Ca	Carbon Footprint (absolute & per service population)	Minimize carbon emissions related to electricity, natural gas, transport, waste and water on a per resident basis.