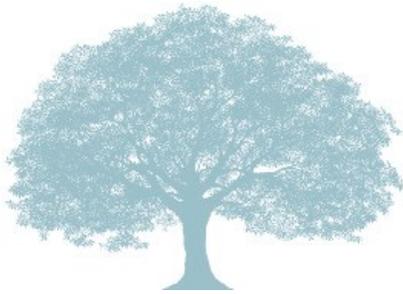Climate Action Plan/CAP Consistency Checklist

Urban Forestry Program

Standards are detailed in Section 3047 of the City's Zoning Ordinance.

UFP Design

- Permeable pavers
- Native trees
- Strategic planting location
- Efficient irrigation

As part of an effort to reduce greenhouse gas (GHG) emissions and increase overall tree canopy, the City of Oceanside requires that **new development** provide for a walkable environment through the incorporation of tree canopy and permeable surface area. Rather than dictating a minimum number of trees, the City has instead set minimum lot coverage standards for tree canopy and permeable surface area. These standards complement other landscaping requirements and serve to enhance site areas already designated for landscaping or open space purposes. Applicants can utilize a variety of resources to calculate the associated GHG emission reductions with the proposed tree canopy, such as the U.S. Forest Service CURF Tree Carbon Calculator, or work with a qualified consultant. To support applicants subject to these requirements, the City has prepared a **recommended tree list** that can be accessed on the City's website.

Urban Forestry Program (UFP) refers to design features that create a walkable environment by using tree canopy and permeable surface area. UFP can help cool the urban environment by providing shade and evapotranspiration.

UFP Alternatives

Planting in the public right-of-way fronting the project site.	Planting on an alternative site within the City.	Paying into the City's Tree Fund.	Paying into a qualified tree planting program.

Urban Forestry Program (UFP)

Benefits of trees...

CLEANER AIR
100 trees remove 53 tons of carbon dioxide and 430 pounds of other air pollutants per year.

COMBATS CLIMATE CHANGE
By reducing energy demand and absorbing carbon dioxide, trees and vegetation decrease the production and negative effects of air pollution and greenhouse gas emissions.

SAVE ENERGY
Strategically placed shade trees can help save up to 56% on annual air-conditioning costs.

REDUCES URBAN HEAT ISLAND EFFECT
Shaded surfaces may be 20-45°F cooler than the peak temperatures of unshaded materials.

CLEANER WATER
A medium-sized tree intercepts up to 2,300 gallons of stormwater runoff per year.

CAPTURES RAINWATER
100 mature trees can capture and store about 139,000 gallons of rainwater per year.

INCREASE PROPERTY VALUE
Healthy, mature trees add an average of 10% to a property's value.

IMPROVE MENTAL HEALTH People living in neighborhoods with less than 10% tree canopy are more likely to report symptoms of depression, stress and anxiety.

INCREASE BUSINESS
Shoppers will spend 9% to 12% more for goods and services in business districts having high quality tree canopy.

GREEN ECONOMY
In 2009, urban forestry supported 60,067 jobs in California resulting in $3.3 billion individual income.

IMPROVES PUBLIC HEALTH
People living in polluted urban area are less likely to be admitted to hospitals with asthma when there are lots of trees in their neighborhood.