DRAFT - Current as of August 2014

Environment Strategy Map

STRATEGIES, ACTIONS & PARTNERS

CLEAN AIR

Educate, Promote Cleaner Alternatives, Monitor, Regulate
ORCAA, Cities, County, State and Federal Agencies

Adapt to & Mitigate Climate Change
ORCAA, TCAT, Thurston County, EDC, PSE, Local Businesses, Other Non-profits, State and Federal Agencies

CLEAN WATER

Protect and Restore Groundwater – Educate/ Promote
various activities (i.e by Thurston County, local jurisdctions, LOTT, PUD, state agencies and others

Monitor and Maintain Storm and Surface Water Quality–Educate/Promote
various activities by Thurston County, local jurisdictions, LOTT, PUD & others

Monitor, Maintain and Improve Septic Systems – Educate/Promote
various activities by Thurston County, local jursidictions, LOTT, PUD, and others

REDUCE WASTE

Educate Public, Regulate and Ensure Compliance to Reduce Solid Waste
Thurston County Public Works and partners

Educate Public, Promote Alternatives, Regulate and Ensure Compliance on Hazardous Waste
Thurston County Public Health and partners

Monitor, Respond to Complaints, Train Staff, Educate Public about Vector-Borne Disease

Educate and Conduct Outreach, Emergency Planning, Mitigation, Response

OBJECTIVES

People and businesses know how to improve air quality → Reduce common air pollutants in indoor and outdoor air.

Measures: Air quality levels (O_3, Particulate (PM), etc)

So that → Prepare for & adapt to climate change; Reduce climate changing emissions

Measures: Building code changes; Preparations for heat waves

Measures:
- GHG emissions (CO_2, CH_4, N_20, etc.)

Protect drinking and ground water quality (meet standards)

Measures:
- % group B water systems in compliance
- # of participants in education sessions

So that → Streams, lakes and Puget Sound are restored to levels that quality of ecosystems is maintained

Measures:
- # of participants in education sessions
- # of jurisdictions w/65-10-0 stormH$_2$0 std

Waste water is properly treated and cleaned for re-use or discharge.

Measures:
- Accurate inventory of OSS
- % current OSS inspections

So that → Wastes from local consumption are minimized; wastes are safely handled and disposed.

Measures:
Volume collected/participation rate per capita in various programs
% of sol. waste facilities in compliance

Fewer harmful products are purchased and used.

Protect residents from air pollutants that have health effects.

Meaures: # of high air quality days as proportion of all days
# of homes visited by Healthy Homes

Health impacts of climate change are minimized

Measures:
% tree canopy
Others: TBD (Climate Action plan in dev.)

Prevent loss of water supply (quantity)

Water pollutants are kept below levels of concern

Measures:
- % and # of marine recovery and other sensitive areas
- # of high risk septic systems converted to sewer
- Ground and surface water areas with adequate monitoring

* % of water bodies that meet H_2O quality stds

Exposures to materials and wastes harmful to health are avoided

Measures:
% and annual tons of waste collected, recycled, reused, properly disposed of
Per capita waste generation
# of hazardous consumer products in a product stewardship program

Maintain community capacity to deal with current and emerging sources of diseases

Increase community resilience and capacity during a disaster and/or emergency

GOALS

Keep Air Clean and Climate Stable

Measure(s):
- Air quality levels (O_3,PM, etc.)
- # of healthy air days per year
- Indicator of a carbon-neutral community
- Asthma rates

So that → **Keep Water Clean and Restore Water Resources**

Measure:
- Meeting water quality standards for drinking water
- # of restored surface waters and % compliance
- % impervious area / forest cover

Reduce Waste to the Minimum – Promote Safer Ways to Do Things

Measure:

Minimize Vector-borne Disease Exposures

Be Prepared for Emergencies Recover Effectively from Emergencies

VISION

The environment of our community contributes to everyone's health.

Keep Food Safe to Eat → **Thurston Thrives Food Action Team**

Thurston Thrives!

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