

SMART GROWTH GREEN TEAM

2012 Work Plan

Mission Statement: Develop strategies and implement actions to achieve priority sustainability goals in community development, land use, building , transportation, infrastructure, etc.

PROJECTS PROPOSED FOR 2012/PROJECTS IDENTIFIED FOR FUTURE DATE					
Project	Strategic Commitments	Performance Measures	Resources	Project Charter/Project Brief & Status	Status Update
Establish online application submittal	Reduce contributions to climate change; deliver efficient, effective & accountable municipal services	Permit Center customer service satisfaction survey; % permits issued within committed timeframes	LEAD: ITSD		ITSD is exploring feasibility.
Establish online payment	Reduce contributions to climate change; deliver efficient, effective & accountable municipal services	Permit Center customer service satisfaction survey; % permits issued within committed timeframes	LEAD: ITSD		ITSD is exploring feasibility.
Maximize bike racks on public and private property for public use	Provide safe, well-connected mobility options for all users; increase infrastructure for bicycles, pedestrians and non-single-occupancy vehicle modes of transportation; reduce dependence on SOVs	% Complete of planned bicycle facilities; Business Survey: How would you rate how well the city does in providing transportation including street maintenance, lighting, bike and pedestrian access, parking?	LEAD: Kim Brown, Jonathan Schilk	Project brief to be developed	Public Works Parking Services addressing bike racks downtown; citywide bike rack program to be considered at a future date.
Improve selecting new school locations (combined with safe-school-routes)	Protect & improve the health of lakes, streams, and bays; reduce contributions to climate change	Forest cover in acres within City and UGA	LEAD: Kim Brown, Kurt Nabbefeld		To be explored at future date
Develop Urban Forestry Management Program	Protect and improve the health of lakes, streams and bays; protect and restore ecological functions & habitat; reduce contributions to climate change; conserve natural consumable resources; protect natural green setting & access to open space	Forest cover in acres within City and UGA	LEAD: Kim Weil Steve Nordeen		To be explored at future date

Evaluate feasibility and benefits of Smart Growth Code and Zoning Audit (Smart Growth America's Institute)	Provide safe, well-connected mobility options for all users; maintain and improve streets, trails and other infrastructure; limit sprawl; increase infrastructure for bicycles, pedestrians and non-single-occupancy vehicle modes of transportation; reduce dependence on SOVs	Impervious surface sq. ft. per capita; per capita residential energy use; total tons of garbage and recycling waste collected from COB residential customers; forest coverage in acres within COB and UGA; water consumption per residential account	LEAD: Ryan Nelson, Kurt Nabbefeld	Project brief approved.	
Provide 2012 project needs for WWU's Urban Transitions Studio (UTS)	Reduce contributions to climate change; conserve natural & consumable resources; create conditions that encourage public & private investment	Total tons of garbage and recycling waste collected from COB residential customers; total electricity and natural gas use for municipal operations	LEAD: Chris Koch Darby Galligan	Project brief approved	To be completed by staff by the end of 2012.
Partner with WWU, WCC, BTC on Sustainability Efforts	Reduce contributions to climate change; conserve natural & consumable resources; create conditions that encourage public & private investment	Total tons of garbage and recycling waste collected from COB residential customers; total electricity and natural gas use for municipal operations; etc.	LEAD: Ryan Nelson Kim Weil, Emily Johnson		Second annual round table proposed for November 2012.
Conduct environmental asset mapping for King Mt. and other newly annexed areas	Protect and improve drinking water sources; limit development in Lake Whatcom Watershed; promote water conservation; protect and improve the health of lakes, streams and bays; protect and restore ecological functions & habitat; reduce contributions to climate change; conserve natural consumable resources; protect natural green setting & access to open space; reduce dependence on SOV	Impervious surface sq. ft. per capita; per capita residential energy use; total tons of garbage and recycling waste collected from COB residential customers; forest coverage in acres within COB and UGA; water consumption per residential account; % of urban streams meeting standards for bacterial contamination; % of urban streams meeting standards for temperature; Forest coverage acres within City & UGA	LEAD: TBD	Project brief to be developed	

Develop the Sustainable Water Management Program	Promote water conservation	Water consumption per residential account; # total s-f residential stormwater retrofits; annual city water use at core facilities; per capita	LEAD: Anitra Accetturo Jim Tinner	Project brief approved	Developing guidelines for greywater reuse; rainwater harvesting guidelines completed.
Conduct annual regional sustainability training for staff with regional experts.	Reduce contributions to climate change; conserve natural & consumable resources	Per capita residential energy use; total tons of garbage and recycling waste collected from COB residential customers; forest coverage in acres within City and UGA	LEAD: Kurt Nabbefeld Kim Weil, Ryan Nelson		Sustainable Connections to coordinate an annual training event for City staff that focuses on current priorities and includes expertise from other regional government-sector staff.
APPROVED BY GREEN TEAM STEERING COMMITTEE FOR 2011--CONTINUING IN 2012					
Project	Strategic Commitments	Performance Measures	Resources	Project Charter/Project Brief & Status	Status Update
Adopt electrical vehicle charging station code amendments	Reduce contributions to climate change	Total electricity and natural gas use for municipal operations in core facilities; per capita residential energy use	LEAD: Ryan Nelson	Project brief approved	To City Council summer 2012.
Provide 2012 project needs for WWU's Sustainability Planning Studio	Reduce contributions to climate change; conserve natural & consumable resources; create conditions that encourage public & private investment; mobility and connectivity options	Total tons of garbage and recycling waste collected from COB residential customers; total electricity and natural gas use for municipal operations; impervious surface coverage per capita; commute trip reduction, WTA ridership; etc.	LEAD: Ryan Nelson		Project ideas include City fleet fuel assessment and analysis (biofuels, electric vehicles, compressed natural gas). Economic analysis of local renewable energy technologies.

Provide 2012 project needs for WWU's Urban Transitions Studio (UTS)	Reduce contributions to climate change; conserve natural & consumable resources; create conditions that encourage public & private investment	Total tons of garbage and recycling waste collected from COB residential customers; total electricity and natural gas use for municipal operations	LEAD: Chris Koch Darby Galligan	Project brief approved	Ongoing.
Develop Environment Element for Comp Plan	Protect and improve drinking water sources; limit development in Lake Whatcom Watershed; promote water conservation; protect and improve the health of lakes, streams and bays; protect and restore ecological functions & habitat; reduce contributions to climate change; conserve natural consumable resources; protect natural green setting & access to open space; reduce dependence on SOV	Impervious surface sq. ft. per capita; per capita residential energy use; total tons of garbage and recycling waste collected from COB residential customers; forest coverage in acres within COB and UGA; water consumption per residential account; % of urban streams meeting standards for bacterial contamination; % of urban streams meeting standards for temperature; Forest coverage acres within City & UGA	LEAD: Kim Weil, Ryan Nelson, Renee LaCroix, Steve Sundin, Moshe Quinn	Project charter approved	Planning Commission approved in April 2012; City Council adoption August 2012.
Expand Green Building Bump-Up (BBU)	Reduce contributions to climate change; conserve natural & consumable resources	Impervious surface sq. ft. per capita; per capita residential energy use in millions of btus for electricity and natural gas	LEAD: Steve Sundin & Green Building Permit Review Team	Project brief approved	Sustainable Connections to assist with marketing BBU.
Participate in green code development	Reduce contributions to climate change; conserve natural & consumable resources	Impervious surface sq. ft. per capita; per capita residential energy use; total tons of garbage and recycling waste collected from COB residential customers; forest coverage in acres within COB and UGA; water consumption per residential account	LEAD: Jim Tinner , member of State Technical Advisory Group (TAG)	Project brief approved	TAG working on green building code adoption at state level, not before 2013
Develop construction and demolition waste recycling ordinance	Conserve natural & consumable resources	Total tons of garbage and recycling waste collected from COB residential customers	LEAD: Jim Tinner, Emily Johnson, Kim Weil	Project brief approved	Draft ordinance nearing completion.
Develop the Sustainable Water Management Program	Promote water conservation	Water consumption per residential account; # total s-f residential stormwater retrofits; annual city water use at core facilities; per capita	LEAD: Anitra Accetturo Jim Tinner, Kurt Nabbefeld	Project brief approved	Developing AMM and flowchart for greywater reuse.

Provide staff training for review and inspections of green building methods	Reduce contributions to climate change; conserve natural & consumable resources	Per capita residential energy use; total tons of garbage and recycling waste collected from COB residential customers	LEAD: Kurt Nabbefeld Jason Porter	Project brief approved	
Manage/update green kiosk in Permit Center	Reduce contributions to climate change; conserve natural & consumable resources	Impervious surface sq. ft. per capita; per capita residential energy use; total tons of garbage and recycling waste collected from COB residential customers; forest coverage in acres within COB and UGA; water consumption per residential account	LEAD: Kim Weil, Sustainable Connections	Project brief approved	Green kiosk to move to City Hall lobby; displays to be broader in nature.
Develop LID trail standard	Protect and improve the health of lakes, streams and bays; protect and restore ecological functions & habitat; conserve natural consumable resources; protect natural green setting & access to open space	Protect and improve the health of lakes, streams, and bays; protect and restore ecological functions & habitat; reduce contributions to climate change; conserve natural and consumable resources; protect natural green setting & access to open space	LEAD: Jonathan Schilk, Gina Austin, Renee LaCroix	Project brief approved	To be completed in 2012.
Develop Advanced Materials & Methods (AMMs)--Ongoing	Reduce contributions to climate change; conserve natural & consumable resources; promote water conservation;	Per capita residential energy use; total tons of garbage and recycling waste collected from COB residential customers	LEAD: Jim Tinner, Lara Palmatier	Project brief approved	IMPLEMENTED 11 AMMs in 2011; developing more in 2012.
Coordinate SGGT efforts with Climate Action Plan Phase III (climate adaptation)	Reduce contributions to climate change	Per capita residential energy use	LEAD: Ryan Nelson	Project brief to be developed	Draft Climate Adaptation Plan completed with staff and stakeholders review including presentation to City Council.

Participate in BIA's Built Green Program--Ongoing	Reduce contributions to climate change; conserve natural & consumable resources	Impervious surface sq. ft. per capita; per capita residential energy use; total tons of garbage and recycling waste collected from COB residential customers; forest coverage in acres within COB and UGA; water consumption per residential account	LEAD: Ryan Nelson	Approved by Planning Director	Monthly meetings to continue.
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PROJECTS IMPLEMENTED IN 2011

Project	Strategic Commitments	Performance Measures	Resources	Project Charter/Project Brief & Status	Status Update
Amend Transportation Impact Fees (TIFs)	Reduce contributions to climate change; provide safe, well-connected mobility options for all users; limit sprawl; increase infrastructure for bicycles, pedestrians and non-single-occupancy vehicle modes of transportation; reduce dependence on SOVs	CTR stats; WTA ridership; surveys; % complete bicycle facilities	LEAD: Chris Comeau, Kurt Nabbefeld, Freeman Anthony	Project brief approved	IMPLEMENTED Adopted TIF reduction; significant incentives for UV developers
Create Class B Electrical Permits	Reduce contributions to climate change; deliver efficient, effective & accountable municipal services	Permit Center customer service satisfaction survey; % permits issued within committed timeframes	LEAD: Jim Tinner Lara Palmatier	Project brief approved	IMPLEMENTED

Develop the Sustainable Water Management Program	Promote water conservation	Water consumption per residential account; # total s-f residential stormwater retrofits; annual city water use at core facilities; per capita	LEAD: Anitra Accetturo Jim Tinner, Kurt Nabbefeld	Project brief approved	IMPLEMENTED Developed AMM and flowchart for rainwater catchment.
Create Subject-To-Field-Inspection Permits	Reduce contributions to climate change; deliver efficient, effective & accountable municipal services	Permit Center customer service satisfaction survey; % permits issued within committed timeframes	LEAD: Lara Palmatier	Project brief approved	IMPLEMENTED
Develop regional concrete recycling specification	Conserve natural & consumable resources; reduce contributions to climate change	Total tons of garbage and recycling waste collected from COB residential customers	LEAD: Freeman Anthony		Public Works completed spec. in 2012
Establish Partnership w/ WWU, WCC, BTC on Sustainability Efforts	Reduce contributions to climate change; conserve natural & consumable resources; create conditions that encourage public & private investment	Total tons of garbage and recycling waste collected from COB residential customers; total electricity and natural gas use for municipal operations	LEAD: Ryan Nelson Darby Galligan	Project brief to be developed	IMPLEMENTED Held first round table in November
Collaborate with King/Pierce Co. jurisdictions on statewide green building-type initiatives	Reduce contributions to climate change; conserve natural & consumable resources	Per capita residential energy use; total tons of garbage and recycling waste collected from COB residential customers; forest coverage in acres within City and UGA	LEAD: Kurt Nabbefeld & Kim Weil, Ryan Nelson	Project brief to be developed	IMPLEMENTED Sustainable Connections hosted training sessions with Vancouver, B.C. staff
Develop green roof initiative	Protect & improve the health of lakes, streams, and bays; reduce contributions to climate change	# total s-f residential stormwater retrofits; impervious surface coverage	LEAD: Renee LaCroix Jason Porter, Sustainable Connections	Project brief approved	IMPLEMENTED Data collection report completed; case studies produced by Sustainable Connections.
Conduct Chuckanut Village Marsh Restoration	Protect and improve the health of lakes, streams and bays; protect and restore ecological functions & habitat; conserve natural consumable resources; protect natural green setting & access to open space	% of urban streams meeting standards for bacterial contamination; % of urban streams meeting standards for temperature; Forest coverage acres within City & UGA	LEAD: Renee LaCroix. Public Works staff	Funded & permitted	IMPLEMENTED
FUNDED, ONGOING PROJECTS					
Project	Strategic Commitments	Performance Measures	Resources	Project Charter/Project Brief & Status	Status Update

Develop Pedestrian Plan for Comp Plan	Provide safe, well-connected mobility options for all users; maintain and improve streets, trails and other infrastructure; limit sprawl; increase infrastructure for bicycles, pedestrians and non-single-occupancy vehicle modes of transportation; reduce dependence on SOVs	% Complete of planned bicycle facilities; % complete of planned pedestrian facilities; Business Survey: How would you rate how well the city does in providing transportation including street maintenance, lighting, bike and pedestrian access, parking?	LEAD: Kim Brown	Funded, Council approved	To be completed in 2012
Develop Bicycle Master Plan	Provide safe, well-connected mobility options for all users; maintain and improve streets, trails and other infrastructure; limit sprawl; increase infrastructure for bicycles, pedestrians and non-single-occupancy vehicle modes of transportation; reduce dependence on SOVs	% Complete of planned bicycle facilities; % complete of planned pedestrian facilities; Business Survey: How would you rate how well the city does in providing transportation including street maintenance, lighting, bike and pedestrian access, parking?	LEAD: Kim Brown	Funded, Council approved	To be completed late 2012
Adopt Complete Streets Policy	Provide safe, well-connected mobility options for all users; maintain and improve streets, trails and other infrastructure; limit sprawl; increase infrastructure for bicycles, pedestrians and non-single-occupancy vehicle modes of transportation; reduce dependence on SOVs	% Complete of planned bicycle facilities; % complete of planned pedestrian facilities; Business Survey: How would you rate how well the city does in providing transportation including street maintenance, lighting, bike and pedestrian access, parking?	LEAD: Kim Brown	Funded, ongoing	
Develop Citywide Habitat Restoration Master Plan	Protect and improve the health of lakes, streams and bays; protect and restore ecological functions & habitat; conserve natural consumable resources; protect natural green setting & access to open space	% of urban streams meeting standards for bacterial contamination; % of urban streams meeting standards for temperature; forest coverage acres within City & UGA	LEAD: Renee LaCroix, Kim Weil	Funded, in progress	To be completed Fall 2012
Conduct WRIA 1 Marine Nearshore Restoration Prioritization	Protect and improve the health of lakes, streams and bays; protect and restore ecological functions & habitat; conserve natural consumable resources; protect natural green setting & access to open space	% of urban streams meeting standards for bacterial contamination; % of urban streams meeting standards for temperature; forest coverage acres within City & UGA	LEAD: Renee LaCroix	Funded, in progress	To be completed Fall 2012

Implement Squalicum Estuary restoration & Roeder Bridge improvements	Protect and improve the health of lakes, streams and bays; protect and restore ecological functions & habitat; conserve natural consumable resources; protect natural green setting & access to open space	% of urban streams meeting standards for bacterial contamination; % of urban streams meeting standards for temperature; Forest coverage acres within City & UGA	LEAD: Renee LaCroix, Public Works staff	Funded, in design phase	In project design phase
Implement Parks, Recreation, & Open Space trail development projects	Protect/improve fish & wildlife habitat, Lake Whatcom Watershed & local water bodies. Limit other development in the Lake Whatcom watershed. Provide non-motorized transportation options & connectivity that decrease reliance on use of fossil fuel. Promote citizens' sense of place, involvement in natural areas. Provide opportunities for healthy living & enhances property values.	Percentage of Bellingham citizens who live within 1/2 mile of trails.	LEAD: Jonathan Schilk, Gina Austin	Funded, ongoing	Long-term, ongoing
Implement Greenways Acquisition Program	Protect and improve fish and wildlife habitat, Lake Whatcom Watershed and local water bodies. Limit other development in the Lake Whatcom watershed. Protect & restore ecological function and habitat. Protect natural green setting & public access to open space. Protect natural areas that also function as a backdrop for our city.	Total acres of preserved natural areas in Bellingham	LEAD: Tim Wahl	Funded & ongoing	Long-term, ongoing
Implement Squalicum Creek re-route project	Protect and improve the health of lakes, streams and bays; protect and restore ecological functions & habitat; conserve natural consumable resources; protect natural green setting & access to open space	% of urban streams meeting standards for bacterial contamination; % of urban streams meeting standards for temperature; Forest coverage acres within City & UGA	LEAD: Renee LaCroix	Design and permitting funded. Currently in design	Submitted grant application for construction funding.

Implement Padden Estuary restoration	Protect and improve the health of lakes, streams and bays; protect and restore ecological functions & habitat; conserve natural consumable resources; protect natural green setting & access to open space	% of urban streams meeting standards for bacterial contamination; % of urban streams meeting standards for temperature; Forest coverage acres within City & UGA	LEAD: Renee LaCroix	Design funded. Currently in design.	Need funding for construction.
Implement East Fairhaven shoreline restoration	Protect and improve the health of lakes, streams and bays; protect and restore ecological functions & habitat; conserve natural consumable resources; protect natural green setting & access to open space	% of urban streams meeting standards for bacterial contamination; % of urban streams meeting standards for temperature; Forest coverage acres within City & UGA	LEAD: Renee LaCroix	Design funded. Currently in design.	Need funding for construction.
Implement Little Squaticum Estuary creation project	Protect and improve the health of lakes, streams and bays; protect and restore ecological functions & habitat; conserve natural consumable resources; protect natural green setting & access to open space	% of urban streams meeting standards for bacterial contamination; % of urban streams meeting standards for temperature; Forest coverage acres within City & UGA	LEAD: Renee LaCroix	Design complete. Need funding for construction	Working with Dept of Ecology on site characterization; need funding for construction.