

# City of Tacoma Green Ribbon Climate Action Task Force

## Draft Recommendations – Summary for Public Comment

| Number   | Strategy   | Total Reductions<br>Carbon Ton Equivalents |                 |
|--|--|--|-----------------|
|  |  | 2012<br>goal:<br>55,106                    | 2020<br>398,166 |
| <b>Section 1. City Leading by Example – Actions to be taken by City government</b>   |  |  |                 |
| <i>Note: These are actions to be taken by City government and affect City employees only. Many other strategies involve City government and/or employees, but strategies in other categories also affect citizens and/or other entities.</i> |  |  |                 |
| <b>City purchasing</b>   |  |  |                 |
| B-12, B-15 & B-14  | Implement an environmentally responsible purchasing policy for the City, considering lifecycle effects of goods purchased. (B-12)<br><br>City should actively support state and regional product stewardship efforts, requiring everyone involved in a product's lifecycle to share responsibility for reducing its environmental impact. (B-15) | 1,200                                      | 22,000          |
| T-12   | Require double-sided printing for all City documents. (B-14)<br>Give bidding preference for City contractors who use renewable fuels in their equipment. (T-12)  | 25   | 75              |
| <b>Energy &amp; fuel savings</b>   |  |  |                 |
| B-16, E-7, B-9 amended   | All new or renovated buildings to be used or funded by the City shall be built to LEED Silver criteria or an appropriate alternative green-building standard. The size and type of buildings required to meet this criteria will be defined by City ordinance. (B-16, E-7, B-9)  |  |                 |
| E-1  | Reduce City's electricity use by implementing energy conservation measures in facilities and incorporating energy-efficient technology in street lights and traffic signals. (E-1)   | NA   | NA              |
| E-2  | Reduce natural gas consumption in City facilities by implementing energy conservation measures, including energy audits and building commissioning. (E-2)  | NA   | NA              |
| T-10   | Require purchase of fuel-efficient and alternative-fuel vehicles for City fleet when available and suitable. (T-10)  | 250  | 500             |
| <b>Section 2. Moving People &amp; Goods More Efficiently</b>   |  |  |                 |
| <b>Ride together / reduce single-occupancy vehicles</b>  |  |  |                 |
| T-6  | Increase the use of all public transportation modes – buses, carpools and vanpools – with one-to-one outreach to all Tacoma employees and residents. (T-6)   | 3,600                                      | 18,000          |
| T-2  | Expand promotion of Pierce Transit's online ridesharing and carpooling system. (T-2)   | 1,000                                      | 12,000          |
| T-1  | Bring a car-sharing service to Tacoma; evaluate possible use in public- and private-sector fleets. (T-1)   | 4,000                                      | 12,000          |
| T-4  | Increase frequency of bus service on City arterials during morning and evening commutes. (T-4)   | 2,500                                      | 8,000           |
| T-5  | Construct the initial phase of a streetcar system in Tacoma. (T-5)   | No short-term impacts                      | 1,000           |
| <b>Reduce fuel use / increase fuel efficiency</b>  |  |  |                 |
| T-9  | Advocate at the state and national levels for policies and programs that provide incentives for Tacoma residents to use more fuel-efficient or alternative-fuel vehicles. (T-9)  | 750  | 7,500           |

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| T-18   | Place higher priority on monitoring synchronization of traffic signals in Tacoma (via staff assignments, for example). (T-18)   | 200                   | 800     |
| T-8  | Adopt an anti-idling ordinance in Tacoma applicable to public-sector vehicles by 2012 and private-sector vehicles by 2020. (T-8)  | 5,000                 | 10,000  |
| T-20   | Investigate the possibility of locating a low-interest loan program (such as Cascades Sierra Solutions) in the Tacoma-Pierce County area to retrofit older diesel trucks with emission-reducing devices. (T-20)   | 10,000                | 125,000 |
| <b><i>Reduce amount of driving / need for driving</i></b>                    |   |                       |         |
| T-7  | Create and implement a comprehensive citywide bicycle and pedestrian plan. (T-7)  | 225                   | 3,000   |
| T-13   | Encourage telecommuting and alternative work schedules for all public- and private-sector employees in Tacoma. (T-13)   | 1,200                 | 7,500   |
| T-19   | Set annual per-capita vehicle-miles-traveled goals that will encourage residents to drive less, working with Puget Sound Clean Air Agency and Puget Sound Regional Council. (T-19)  | No short-term impacts | 200,000 |
| <b><i>Change parking policies to discourage driving</i></b>                  |   |                       |         |
| T-16   | Provide free or reduced parking only for employees using carpools and vanpools (no free parking for drive-alone employees). (T-16)  | 3,200                 | 12,800  |
| T-15   | Encourage all Tacoma employers to offer parking cash-out programs – discontinuing free parking and paying employees for the value of that benefit. (T-15)   | 10,000                | 75,000  |
| B-26   | Reduce parking minimums required for residential developments to encourage transit or non-motorized transportation. (B-26)  | 4,500                 | 22,000  |
| <b>Section 3. Enhancing Compact/Livable Neighborhoods</b>                    |   |                       |         |
| B-3  | Increase tree planting requirements or incentives for all development, including transportation projects. (B-3)   | 1                     | 300     |
| B-2  | Increase tree planting on City/public property; establish a numeric goal, such as 200,000 trees, to absorb and remove carbon from the air (carbon sequestration). (B-2)   | 90                    | 2,500   |
| B-17   | Adopt and fund the Open Space Habitat Plan being developed by the City to preserve remaining public and private undeveloped natural areas and create more open space within the City limits. (B-17)   | 850                   | 8,500   |
| B-1  | Begin a regional Transfer of Development Rights program with Pierce County. (Under TDR, development rights are purchased from farms, forests and natural lands in exchange for a covenant that prevents future development of the property. Developers then purchase these rights to develop at greater densities or heights than would otherwise be allowed in areas that can accommodate additional growth, such as urban centers.) (B-1) | 1,500                 | 6,000   |
| B-22 & T-17 merged   | City should implement smart growth principles – including compact, transit-oriented development – promoting mixed-use developments, affordable housing, green building, and bike- and pedestrian-friendly neighborhoods. Policies should increase mobility while decreasing dependence on private vehicles. (B-22, T-17)  | 1,000                 | 10,000  |
| <b>Section 4. Energy Efficiency in Our Buildings, Homes &amp; Industries</b> |   |                       |         |
| B-10   | Require sellers to have an energy audit before the sale of any building to inform buyers of potential energy savings. (B-10)  | 15,000                | 60,000  |

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| E-7<br>(part of E-7 was combined with B-16 & B-9)                      | Encourage green building by hiring a City green building advocate to provide resources for public and private projects and providing expedited City permit process for private-sector projects proposing use of appropriate green building standards, and. (E-7 – part of E-7 was combined with B-16 & B-9) | ?      | ?       |
| E-9  | Implement a City energy code for commercial and residential construction that exceeds the Washington State Energy Code. (E-9)   | NA     | NA      |
| E-8  | Encourage installation of solar and other renewable energy. (E-8)   | NA     | NA      |
| E-10   | Reduce oil use with residential and commercial conservation programs focused on building efficiency and furnace improvement, conversion and replacement. (E-10)   | NA     | NA      |
| <b>Section 5. Reuse &amp; Recycle ... from Buildings to Food Waste</b> |   |        |         |
| <b><i>Maximize commercial &amp; residential recycling</i></b>          |   |        |         |
| B-33   | Implement additional recycling programs to collect 100% of traditional recyclable materials (such as paper, metals and plastics) by 2020. (B-33)  | -      | 140,000 |
| B-32   | Explore home composting programs, including subsidizing the sale of home composting units, to divert food and yard wastes from landfill. (B-32)   | 550    | 1,650   |
| B-38   | Ensure that the City's new garbage transfer station planned at the landfill also has the capability for processing recyclables. (B-38)  | 25,000 | 35,000  |
| B-30   | Implement additional residential and commercial programs to divert food and yard waste from landfill. (B-30)  | 1,100  | 2,600   |
| B-50   | Expand reuse and waste reduction efforts; City should partner with agencies and businesses to reduce waste generation by 16,000 tons by 2020, in addition to recycling. (B-50)  | 1,500  | 12,000  |
| B-40   | Explore if a change in City's solid waste rate structure, providing cost incentives for using smaller garbage containers (such as a flat per-gallon rate), would encourage recycling and reduce waste. (B-40)   | 12,000 | 37,500  |
| <b><i>Reuse, recycle &amp; deconstruct buildings</i></b>               |   |        |         |
| B-5  | Adaptive reuse of historic or older buildings – using old buildings for new purposes – should be encouraged by City policy. (B-5)   | 750    | 8,000   |
| B-43   | Encourage deconstruction and recycling of structures to be demolished in the City. (B-43)   | 30,000 | 90,000  |

**Carbon Reduction Estimates** are based on research studies done in a variety of locations. Results in Tacoma may be different.