

**From:** [Debbie Tarry](mailto:Debbie.Tarry)  
**To:** [Heidi Costello](mailto:Heidi.Costello)  
**Subject:** Fwd: VMT and GHG reduction tracking  
**Date:** Friday, October 10, 2014 11:33:32 AM

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Green folder for Monday

Sent from my iPhone

Begin forwarded message:

**From:** Will Hall <[whall@shorelinewa.gov](mailto:whall@shorelinewa.gov)>  
**Date:** October 5, 2014 at 7:53:54 PM PDT  
**To:** Debbie Tarry <[dtarry@shorelinewa.gov](mailto:dtarry@shorelinewa.gov)>, John Norris <[jnorris@shorelinewa.gov](mailto:jnorris@shorelinewa.gov)>, Rachael Markle <[rmarkle@shorelinewa.gov](mailto:rmarkle@shorelinewa.gov)>, Miranda Redinger <[mredinger@shorelinewa.gov](mailto:mredinger@shorelinewa.gov)>  
**Subject:** **VMT and GHG reduction tracking**

I'm wrapping up my review of the carbon strategies and wanted to share a couple thoughts.

I hope we can benchmark and monitor VMT and GHG per capita instead of just total. If we grow at 2% per year from now to 2030, that is 35% growth, and we can probably show more dramatic reductions per capita than total. If the carbon per capita from the new growth is 1/3 the existing per capita, that works out to a 17% reduction per capita even though the total increases by 12%. Somehow we need credit for the regional reduction by creating capacity near transit.

185th, 155th, and 5th might be great candidates for cycle tracks.

We could push for more bike parking at our stations and make sure all bike parking is closer than any car parking.

As we convert our fleet, I would like to see us shrink it and use it more flexibly. I don't know our current utilization rate or annual mileage per vehicle, but reducing the number of vehicles and increasing the utilization of each makes it more efficient and reduces obsolescence.

Regarding employee SOV at 80% and pricing, we could charge in our own garage.

Food waste - it seems to me we could aim for a more aggressive target than 3%.

Regarding housing types, in a landlocked city like Shoreline, I strongly prefer growth in large multifamily buildings and attached row houses or townhomes instead of smaller detached units. Embodied energy and heat flux point strongly toward sharing floors, ceilings, and walls.

I would like to see other waste-to-energy strategies including incineration. Recapturing energy from our waste stream locally could also reduce emissions from waste hauling.

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