

## **HDV/LDV Technical Workgroup meeting Jan 13, 2012 11am-12pm PST**

**Attendees:** Joe Ray (Starcrest), Guiselle Aldrete (Starcrest), Jason Jordan (POT), Cindy Lin (POT), Ron Stuart (POT), Christine Wolf (POS), Kelly McGourty (PSRC), Sally Otterson (Ecology), Ken Adler (EPA), Dan Brown (EPA), Dan Smith (Tioga)

### **Meeting agenda**

- Provide EPA with PSEI project history and background
- Review current Methodology
- Tioga to review EPA Drayage Model
- Discuss EPA drayage Model and PSEI HDV model

### **Topics Discussed**

#### PSEI Background and review of current methodology

Discussed the organization and execution of the 2005 inventory and it's roll as baseline emissions for progress made through the Northwest Clean Air Strategy. The 2011 inventory is an update to the 2005 PSEI using the same methodology to assure comparability to 2005 emissions. Data collection is performed by data mangers and HDV emission modeling is performed by two groups; PSRC for regional and Starcrest for on-terminal. The funding committee is the project steering committee and approves actions related to the inventory. Methodology was created, reviewed and approved in early 2011.

#### EPA Drayage Model

Dan Brown described the relationship between the recent roll-out of the Smartway Drayage Program and the development of the Dray Fleet Model. Dan suggested that this tool could provide more detailed information for the NWCAS if used for the 2011 PSEI and acknowledged we are well along in the project; we may or may not be able to use this model for the 2011 PSEI but should be aware of its availability. Ken Adler acknowledged accuracy may not be improved considering the refinement of the existing modeling methodology, but does provide a different tool specific to Dray Fleets able to provide scenario analysis for emissions reduction planning.

Dan Smith reviewed Dray Fleet Model using the presentation material previously provided by email.

#### Discussion resulting from the Tiago presentation

The question was asked if the data currently being collected is sufficient to run the Dray Fleet Model and if the Modelers (PSRC/Ecology/Starcrest) are able to incorporate the model. The consensus was that more time is needed to review the material. Dan Smith thought that the information collected should be usable as model inputs. He also suggested that the Dray Fleet Model be "tried out" but not necessarily be used to supplement or replace existing models. A trial would evaluate its value or perhaps provide additional or supplemental information. Cindy Lin suggested that the Dray Fleet Model should be used for the NWCAS where it can be proven or benchmarked. Christine Wolf requested the origin of the default inputs and funding for future model updates and maintenance. The defaults are representative of national data. The only defaults from LA/LB in the model are the truck age distribution. Ron Stuart suggested that the Dray Fleet Model trial for either the PSEI or NWCAS be considered as a separate project funded and supported outside of the 2011 PSEI project.

#### Action Items

- Dan Smith will ask Ken Alder for permission to distribute the Beta Model for review

- All will review the Dray Fleet Model and prepare for further discussion in a week.
- Ron to schedule the next meeting – preferably Jan 23<sup>rd</sup> to coincide with Tioga/EPA Seattle Visit