



Human Health

- U.S. Dept. HHS June 2011 classification of styrene as substance "reasonably anticipated to be a human carcinogen."
- World Health Organization statement, 2000
- Plastics industry disputes claims that polystyrene food service ware poses any risks to humans

7



September 28, 2011

Metropolitan Washington Council of Governments



Litter Impacts

- PS does not degrade in the environment
- Foam has a tendency to breakdown into smaller pieces and be mistaken for food in marine environments
- Foam is easily blown even when disposed properly
- Floats easily

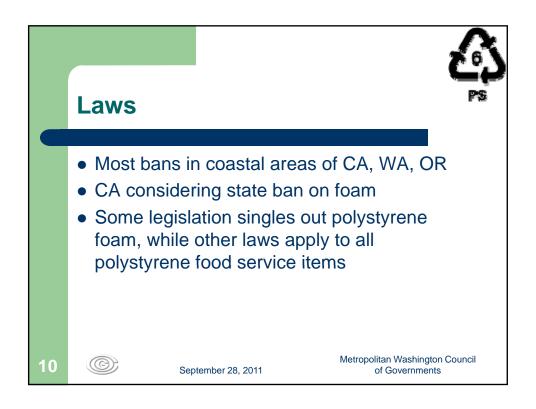
8



September 28, 2011

Metropolitan Washington Council of Governments







Types of Laws

- Prohibit government spending on PS food service ware
- Prohibit private businesses from using PS food service ware
- 3. Require private food service businesses to use reusable, biodegradable, compostable, or recyclable food service ware

11



September 28, 2011

Metropolitan Washington Council of Governments





- Staged to first ban foam PS service ware in 2009
- 2nd stage required use of compostable or recyclable service ware by July 2010
- Exemption until July 2011 on utensils, straws, small cups, and foi- faced wrap.

12



September 28, 2011

Metropolitan Washington Council of Governments



Composting Requirement

- Requiring recycling of one-time-use service ware may not be effective due to food contamination
- City must have established food composting infrastructure before requiring compostable items.

13



September 28, 2011

Metropolitan Washington Council of Governments