

Port of Seattle Clean Truck Program Options

No Change to Truck Goals	80% of truck meets goal by end of 2015; 100% met goal by end of 2017		Accelerate Long-Term Truck Goal	
<p>OPTION A</p> <p>Voluntary soft target/ no action in 2015 (80% is an interim goal on way to 100% compliance in 2017)</p> <p>Trucks older than 2007 engine year not turned away at terminal gate.</p> <p>By 12/31/2017: Exceptions expire; all trucks must meet 2007 MY emissions standards.</p> <p>With normal fleet turnover plus incentives, would expect 25% - 35% of fleet to have MY 2007 or newer engines by end of 2015.</p>	<p>OPTION B</p> <p>Require all trucks to meet 2007 emission standards by 12/31/15 with exceptions based on financial need.</p> <p>By 12/31/2015: Truck owners with demonstrated financial need get 2 year grace period. (Demonstration of need may include criteria such as purchase date of truck, such as the 370 trucks replaced as part of regional ScRAPs programs and others purchased in same time period.)</p> <p>By 12/31/2017: Exceptions expire; all trucks must meet 2007 MY emissions standards.</p> <p>This will result in approximately 80% of trucks meeting 2007 emission standards by end of 2015.</p>	<p>OPTION C</p> <p>Require all trucks to meet 2007 emission standards by 12/31/15 with 2-year exceptions for based on model year of truck:</p> <p>By 12/31/2015: Trucks that have MY 2003 engines or newer get 2 year grace period.</p> <p>By 12/31/2017: Exceptions expire; all trucks must meet 2007 MY emissions standards.</p> <p>This will result in approximately 80% of trucks meeting 2007 emission standards by end of 2015.</p>	<p>OPTION D</p> <p>All trucks meet MY 2007 emissions standards by 12/31/16.</p> <p>No exceptions.</p>	<p>OPTION E</p> <p>All trucks meet MY 2007 emissions standards by 12/31/15.</p> <p>No exceptions.</p>
<p>Estimated air emissions for year 2016: Approximately 60% reduction from 2005 baseline.*</p>	<p>Estimated air emission for year 2016: Approximately 80% reduction from 2005 baseline.*</p>	<p>Estimated air emissions for year 2016: Approximately 90% reduction from 2005 baseline.*</p>	<p>Estimated air emissions for year 2016: Approximately 80-90% reduction from 2005 baseline; and 98% reduction in 2017.*</p>	<p>Estimated air emissions for year 2016: Approximately 98% reduction from 2005 baseline.*</p>

* These are preliminary estimates based on EPA's DrayFLEET tool. These estimates do not reflect projected growth in cargo movement or complex air modeling inputs. However, they provide a sense of scale in reviewing options. For reference, the 2011 Puget Sound Maritime Air Emissions Inventory calculated that diesel particulate matter (DPM) from Port of Seattle truck activity in 2005 was 54 tons, and in 2011 was 25 tons (a 53% reduction from the 2005 baseline.)