

# APPENDIX B: PILOT SUPPLEMENTARY MATERIALS

**Appendix B.1**

**Model specifications**

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**Structural material quantity reporting template**

## **Appendix B.1**

### **Model specifications**

To download the latest version of the model specifications, go to the Carbon Leadership Forum's Buy Clean web page:

<http://www.carbonleadershipforum.org/resources/buy-clean-washington/>

*Add to new section X:*

## **X-1. BUY CLEAN WASHINGTON PILOT**

### **X-1.1 General**

- A. This section includes general requirements and procedures for facility-specific Environmental Product Declaration (EPD) Submittals of “eligible materials” subject to the Buy Clean Washington Pilot (91000447) per the Engrossed Substitute Senate Bill 6095 (Sec. 1030).
  - 1. The awarding authority for state-funded building projects shall require the successful bidder for a contract to submit current third-party verified EPDs for the eligible materials used if available and currently utilized.
  - 2. The awarding authority for state-funded building projects shall require the successful bidder for a contract to submit the quantities (in mass or volume), cost and origin for the eligible materials used.
  - 3. The awarding authority shall report to the State of Washington Department of General Services (DGS) the quantities and any EPDs collected.
- B. The following materials are subject to the Buy Clean Washington Pilot. “Eligible materials” include any of the following that function as part of a structural system or structural assembly:
  - 1. Concrete, including structural cast in place, shotcrete, and precast
  - 2. Unit masonry
  - 3. Metal of any type
  - 4. Wood of any type including, but not limited to, wood composites and wood laminated products.
- C. “Environmental product declaration” means a facility-specific type III EPD, as defined by the defined by the International Organization Standardization (ISO) standard 14025 or similarly robust life cycle assessment methods that have uniform standards in data collection consistent with ISO standard 14025, industry acceptance and integrity for each eligible material proposed to be used.
- D. “Structural” means a building material or component that has, but is not limited to having, the following properties: Supports gravity loads of either building floors or roofs, or both, or is the primary lateral system resisting wind and earthquake loads, such as shear walls, braced frames, or moment frames, and includes foundations, below-grade walls, and floors.

### **X-1.2 Submittals**

- A. For products requiring an Environmental Product Declaration (EPD) as stated in the applicable specification section, the EPD must conform to one of the disclosure types listed in below, in descending order of preference:
  - 1. Facility-specific Environmental Product Declaration, Type III (i.e., conforms to ISO 14025 and has at least a cradle to gate scope).
  - 2. A publicly available, critically reviewed life-cycle assessment conforming to ISO 14025 (i.e., has at least a cradle to gate scope).

- B. For products requiring an Environmental Product Declaration (EPD) as stated in the applicable specification section, use reporting template found at <http://www.carbonleadershipforum.org/resources/buy-clean-washington/> to provide a link to the published EPD, and to complete fields to report origin and quantities data of the eligible material.
- C. Submit the completed reporting template with EPD, origin and quantities data to the state agency (awarding authority) commissioning the construction project. The report must be submitted and verified before product installation.

## **Appendix B.2**

### **Structural material quantity reporting template**

To download the latest version of the structural material quantity reporting template, go to the Carbon Leadership Forum's Buy Clean web page at:

<http://www.carbonleadershipforum.org/resources/buy-clean-washington/>

For each item in the spreadsheet (concrete, masonry, steel, and timber), create additional rows for each different combination of variables for which a quantity is used.

Indicates optional entry (provide if known).

Concrete (Including Grout):							
Supplier Name	Supplier Address	Specified Compressive Strength (ksi)	Volume (yd^3)	Slump (in.)	Supplier Mix Designation	Structural Component(s)	Precast or In-Situ?

Masonry:								
Supplier Name	Supplier Address	Type	ASTM Material Designation	Specified Compressive Strength (ksi)	Unit Weight (pcf)	Unit Dimensions (inch x inch x inch.)	Number of Units	Supplier Mix Designation

Steel:						
Supplier Name	Supplier Address	Type	ASTM Material Designation	Weight (lbs)	Grade	Coating Type or Uncoated

Timber:							
Supplier Name	Supplier Address	Type	Volume (yd^3)	Dimensions	Species	Grade	Number of Plies