

Plywood and Composite Wood Products (PCWP) Information Collection Request (ICR)

Spreadsheet Overview: EquipDetail and ReleasePt Tabs

November 2017

Identifying Emission Release Points

- ▶ Identify Emission Release Point ID(s) for each Process Unit in the EquipDetail tab
- ▶ Provide detailed emissions release parameters and coordinates in the ReleasePt tab
- ▶ The release parameters required depend on the Emission Release Point Type you choose in the ReleasePt tab. Release Point Types include:

Stack Releases

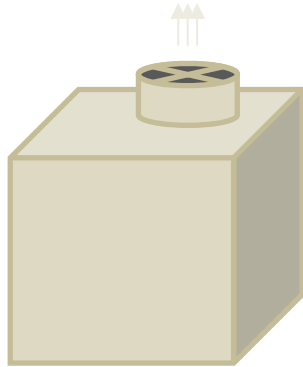
02 – Vertical
03 – Horizontal
04 - Goose Neck
05 - Vertical with Rain Cap
06 - Downward-facing Vent

Fugitive Releases

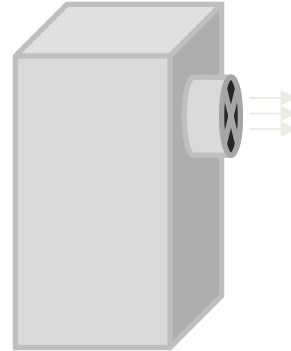
08 - Fugitive Vent
09 - Fugitive Two-dimensional
10 - Fugitive Three-dimensional

Table 5 of the ICR Instructions lists parameters to be specified for each release point type.

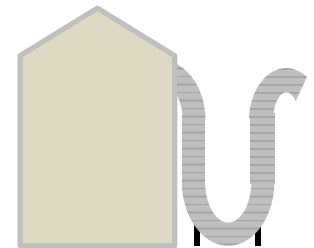
Stack Release Type Examples



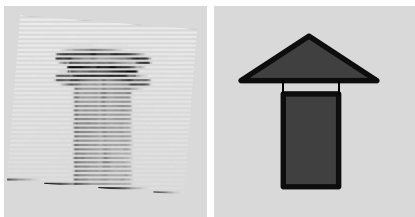
02 – Vertical



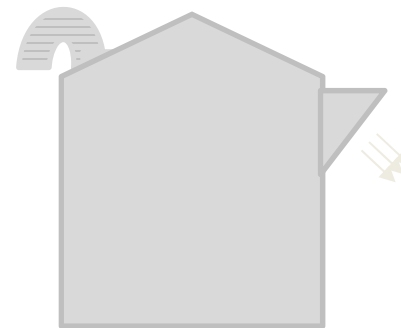
03 – Horizontal



04 – Goose neck



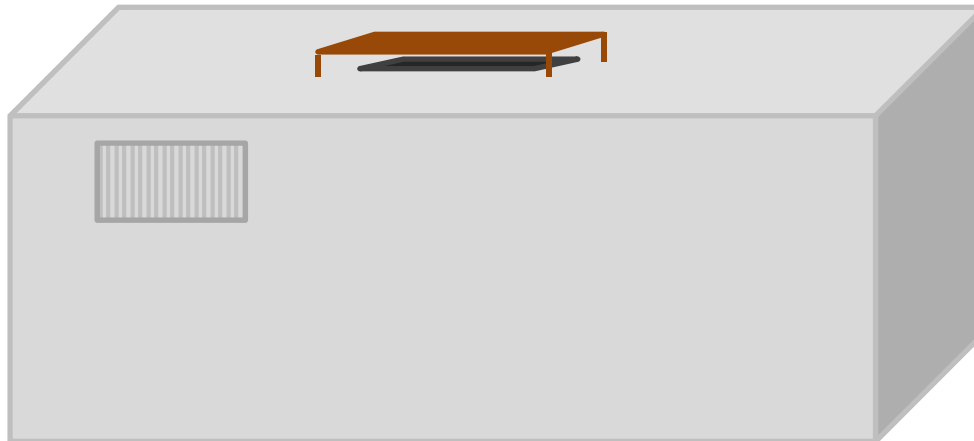
05 – Vertical rain cap



06 - Downward-facing vent

Fugitive Vent Example

- ▶ Appropriate for vents with area <10 sq. ft.
- ▶ Passive vents
 - ▶ “No flow” defaults for diameter, velocity and flow
- ▶ Provide exit gas temperature and height

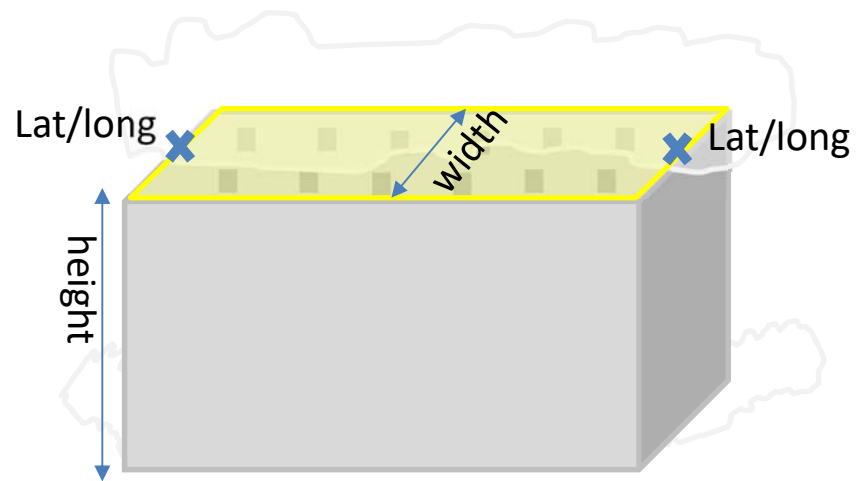
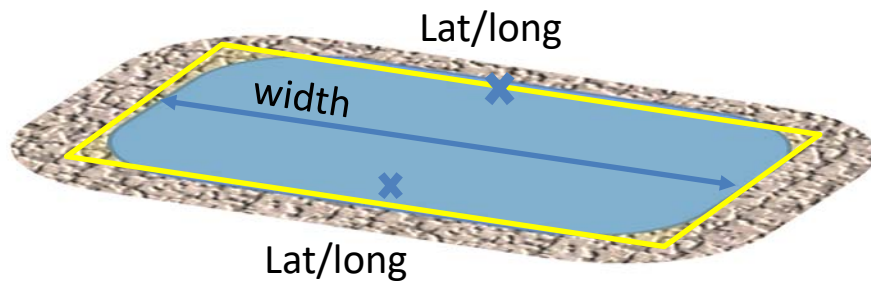


08 – Fugitive vent

Fugitive 2-Dimensional Example

- ▶ Appropriate for areas >10 sq. ft.
- ▶ Provide release height, fugitive width and 2 coordinate pairs (2 sets of longitude/latitude).

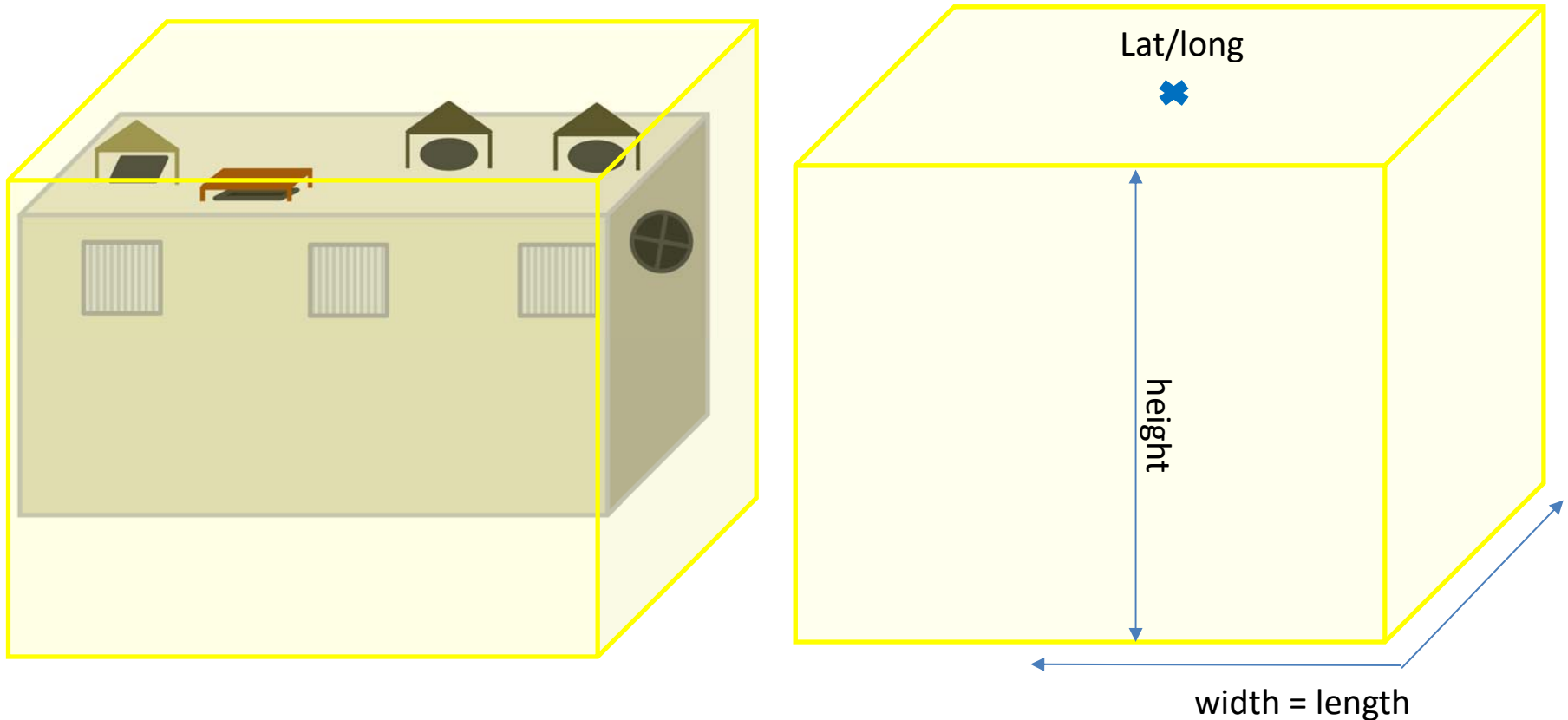
Use 1 ft for release height at ground level.



09 – Fugitive 2-Dimensional

Fugitive 3-Dimensional Example

- ▶ Whole building with numerous fugitive releases
- ▶ Provide release height, fugitive length (= width), and one coordinate pair (longitude/latitude) at center



10 – Fugitive 3-Dimensional

Fugitive 3-Dimensional Example

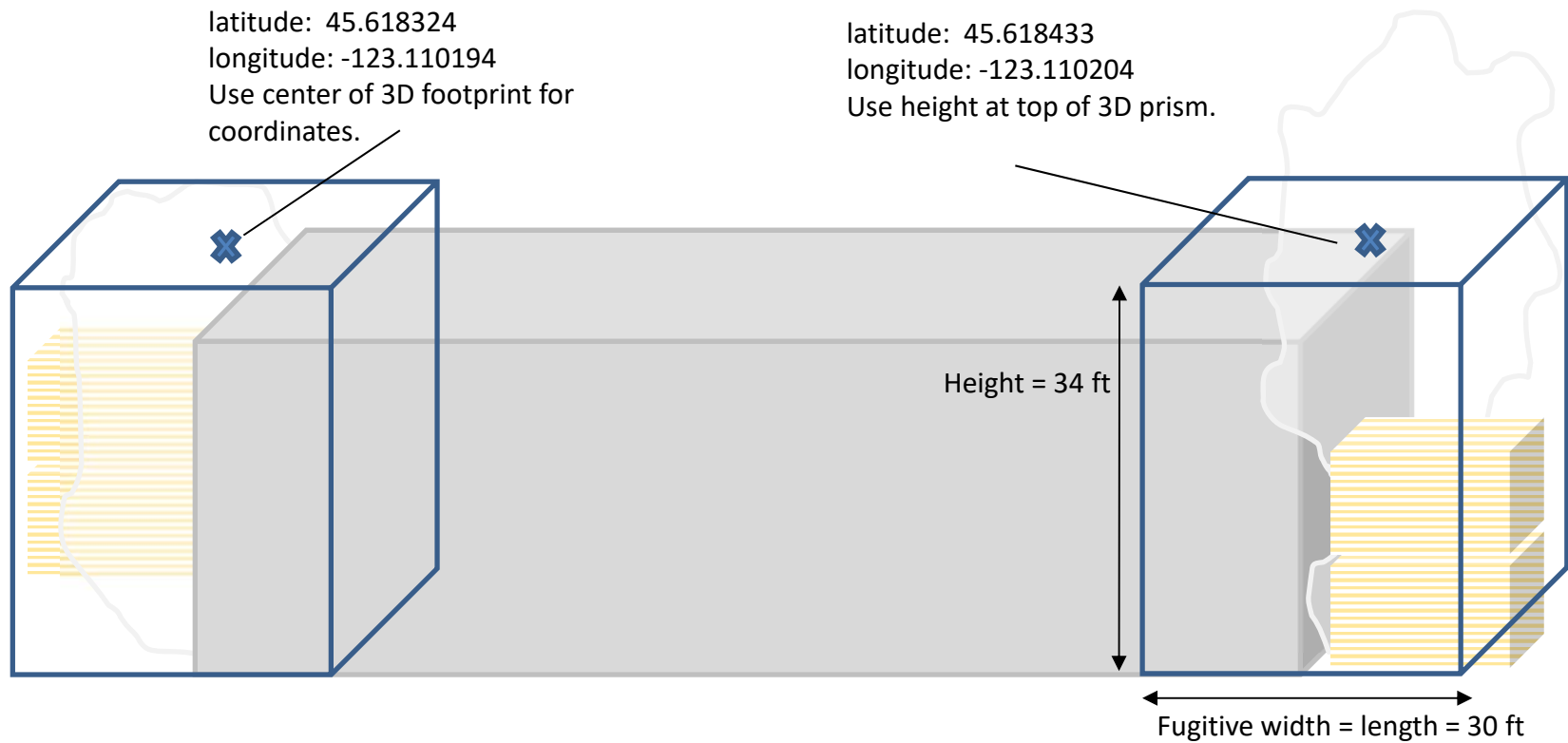
- ▶ Extremely leaky kilns can be modeled as multiple “fugitive 3-dimensional” prisms



10 – Fugitive 3-Dimensional

Fugitive 3-Dimensional Example

► Continuous dry kiln



Questions?

- ▶ PCWP Help Desk:

- ▶ Email: pcwpicr@epa.gov

- ▶ Phone: 866-522-7297 (toll free)

- ▶ Webpage

- ▶ The ICR survey, supporting documents, and frequently asked questions (FAQs) are available at:

- <https://www.epa.gov/stationary-sources-air-pollution/information-collection-plywood-and-composite-wood-products-industry>