

MEMORANDUM

DATE: February 25, 2021

TO: Daryl Long
Benton County
360 Avery Avenue
Corvallis, OR 9733

FROM: Christopher Sheridan, R.G.
DJ Burrows, P.E.

PROJECT: 24159.000

REGARDING: Methane Mitigation Fans and Alarms
Mill Pond Crossing Development
1701 Chapel Drive
Philomath, Oregon 97370



EXPIRES: 12/31/2021

This memorandum is intended to confirm the presence of venting fans and alarms in residences at lots 23 through 25, lots 27 through 31, and lots 33 through 39 at the Mill Pond Crossing Development in Philomath, Oregon (the site).

On February 24, 2021, PBS conducted a site reconnaissance at the above referenced lots and confirmed the installation and operation of the following at each residence: (1) crawlspace ventilation fans, (2) garage fans, and (3) crawlspace methane alarm and (4) garage methane alarm.

Crawlspace fans consisted of one, 220 cubic foot per minute (CFM) Durablow® Crawlspace Ventilation fans, (model M2D-S430). The fans are set to run continuously at greater than 50% of maximum flow allowing for approximately 4 to 10 air exchanges an hour.

Garage fans consisted of single 110 CFM Panasonic WhisperCeling® DC™ fans running continuously resulting in greater than 2 air exchanges an hour.

Each garage and crawlspace also included methane alarms. Alarms consist of Kidde KN-COEG-3 carbon monoxide and explosive gas alarms that include a metal oxide sensor to detect methane or propane.