



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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March 26, 2020

Christos Christoforou
Northwest Clean Air Agency
1600 S. 2nd Street
Mt Vernon, WA 98273

**Re: Second Tier Petition by Metrie, Inc. Regarding Proposed Lumber Dry Kiln Emissions
Ferndale, Washington**

Dear Christos Christoforou:

The Washington Department of Ecology's Air Quality Program (Ecology) has completed a review of health risks associated with acetaldehyde and acrolein emissions from two new lumber dry kilns at Metrie, Inc. (Metrie) in Ferndale, Washington.

Metrie proposes to install two new kilns, each with a capacity of 80,000 board feet, at their facility in Ferndale, WA. The two new kilns will add an additional 5.84 million board feet (MMbf) annual capacity to their existing annual lumber drying capacity of 5.11 MMbf/yr.

Ecology's review indicates that increased toxic air pollutant (TAP) emissions from the proposed project could result in an increased cancer risk of less than one in one million (1×10^{-6}) at the maximally impacted residential location. Ecology allows an increased risk of up to 10 in one million (1×10^{-5}) under second tier toxics review.

Ecology also determined that Metrie's proposed TAP emissions are not likely to contribute to short- and long-term respiratory hazards to residents or other receptors near the facility,

Based on the review of Metrie's second tier petition, Ecology recommends approval of the proposed project because project-related health risks are permissible under WAC 173-460-090, and the project has satisfied all requirements of a second tier analysis. Northwest Clean Air

Agency can incorporate our findings as part of the ambient air impacts analysis and begin the public comment period when appropriate.

Christos Christoforou
March 26, 2020
Page 2

If you would like to discuss this project further, please contact Gary Palcisko at 360-407-7338 or gary.palcisko@ecy.wa.gov.

Sincerely,



Chris Hanlon-Meyer
Science and Engineering Section Manager
Air Quality Program

gp/tm

Enclosure

cc: Agata McIntyre, NWCAA