

# Pamela Swartz

Department of Ecology's mission statement: To protect, preserve, and enhance Washington's environment for current and future generations.

PROVE IT!! The corporate-friendly, citizen harming Option 3 is not consistent with their mission statement. Clearly, Option 5 is the only option that is consistent with their mission statement and the well being of current and future generations.

It is insulting to hear the Department of Ecology is more concerned with Rayonier's bottom line than fulfilling their mission statement especially considering the cancer causing toxic chemicals present in the soil and water at the Rayonier Mill site.

PAH exposure has been linked to various types of cancer, including lung, skin, bladder, and stomach cancer.

PCBs (polychlorinated biphenyls) are a group of man-made chemicals that have been linked to cancer in both animal studies and some human populations. While PCBs were banned in the United States in the 1970s, they persist in the environment and can be found in soil, water, and even some older products. Exposure to PCBs, particularly at high levels, has been associated with an increased risk of certain cancers, including liver and biliary tract cancers.

Dioxins, particularly 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD), are classified as probable human carcinogens, with strong evidence linking them to soft tissue sarcomas, Hodgkin's lymphoma, and non-Hodgkin's lymphoma. While some studies suggest links to other cancers like bladder, laryngeal, lung, and prostate cancers, the evidence is considered limited or suggestive. Dioxins are persistent organic pollutants that can accumulate in the environment and living organisms, primarily through dietary exposure.

Ammonia, while typically considered a toxic waste product, can play a surprising role in cancer. It's not just a byproduct of metabolism; it can also be a fuel source and signaling molecule for cancer cells, influencing their growth, survival, and interaction with the immune system. Research indicates that ammonia can promote cancer cell proliferation, potentially contributing to tumor development and progression.

Total Petroleum Hydrocarbons (TPH) is not a single substance, but a broad category of hundreds of chemicals found in crude oil. Some TPH compounds, like benzene and benzo(a)pyrene, are known carcinogens. Exposure to TPH, particularly through certain pathways or specific compounds, can increase the risk of certain cancers.

Arsenic, specifically inorganic arsenic compounds, is a known human carcinogen and can increase the risk of developing certain cancers. Exposure to inorganic arsenic has been linked to cancers of the bladder, lungs, and skin. Additionally, it has been associated with cancers of the liver, prostate, and kidneys.

Phthalates, a group of chemicals, are known endocrine disruptors and have been linked to an increased risk of certain cancers, particularly breast and childhood cancers. Studies suggest that

phthalate exposure can affect hormone-related cancers and may contribute to cancer development and progression, including chemotherapy resistance.

And the Department of Ecology is advocating for CAPPING this into the ground forever? Are you seriously kidding?

NO!! Rayonier Mill (who made many millions polluting this area) needs to collect, truck OUT and refill with clean soil - the ENTIRE SITE!!

OPTION 5 is the only choice, unless that State of WA wants to be in legal challenges to their corporate friendly OPTION 3 choice.