

From: [Michael A. Burdett](#)
To: [Amy Rusko](#)
Subject: Concerns Regarding Proposed Hot-Dip Galvanizing Plant
Date: Friday, June 28, 2024 3:08:36 PM

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This message came from outside the City of Arlington

Dear Amy Rusko,

I am writing to express my deep concern about the proposed hot-dip galvanizing process plant in our community. While I understand the economic benefits such a facility might bring, I believe it is essential to consider the potential health impacts on our residents, particularly children, families, golfers, and students attending the nearby school.

Zinc Exposure and Health Effects: Hot-dip galvanizing involves immersing steel or iron articles into a bath of molten zinc at high temperatures and producing vaporized lead and zinc. While zinc is an essential element for living organisms, excessive exposure can lead to health issues, and lead vapors created in processing are known to cause cancer. Here are some key points:

Zinc Toxicity: Excessive zinc ingestion can be harmful.

Lead Toxicity: Excessive lead ingestion can cause cancer

Health Impacts: We must consider the potential effects on children, students, and golfers in this area. Zinc and Lead vapor exposure can lead to respiratory problems, skin irritation, cancer, and other health issues.

Proximity to the School: The proposed plant's proximity to the nearby school raises additional concerns. Children are more susceptible to environmental pollutants, and any emissions from the galvanizing process could pose risks to their health.

Mitigation Measures: I concede that there are mitigation measures that reduce the

environmental impact of metal chemical processing facilities including proper ventilation systems, emission controls, and regular monitoring of air and water quality. Despite these possible mitigations, there is a history of industries in Washington State such as the lumber mills, refineries, and nuclear power plants that have not properly implemented mitigation controls and irreversibly damaged our environment and the neighboring population. Accidents happen and We cannot allow this risk in our Glean Eagle Neighborhood!

Community Dialogue: As concerned citizens, we should engage in an open dialogue with the plant developers, local government, and school officials to place metal chemical processing facilities far from Glen Eagle or other populated neighborhoods.

In conclusion, I implore you to consider the long-term effects of the proposed hot-dip galvanizing plant on our community. Let us prioritize the well-being of our residents, especially our children and students.

Thank you for your attention to this matter. I look forward to hearing about an alternate site of this facility far from existing populations.

Sincerely,

-+mab

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