



Dust on the Leeward Coast

Tuesday, November 29, 2011

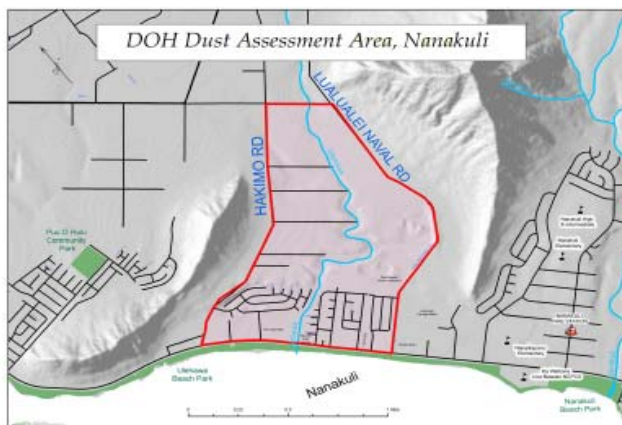
6-8 p.m., Ka Waihona School Cafeteria

DOH is responding to community concerns that this area is very dusty. In a community meeting on August 29, 2011, DOH presented their approach to address the issue:

1. DOH sent a survey to the impacted community to better identify the problem.
2. DOH asked residents to submit information on any sources of dust and submit photos.
3. DOH hired an expert to assess dust sources in the area and recommend actions to reduce or eliminate dust.

Agenda:

- ***Survey Results***
- ***Resident Input and Observations***
- ***Consultant's Report***
- ***DOH Next Steps***



Survey Results

- Mailed 1,100 surveys
- 72 responses
- 84% describe their situation as a lot of dust and a greater than average amount of dust
- 30 of the respondents were interested in a visit; 35 requested updates

Resident Input and Observations

- DOH encouraged people to participate in the Photo Brigade by submitting photos of visible dust.
- DOH Clean Air Branch received photos from one person and 2 complaints of visible dust.
- The DOH encourages people to continue calling the Clean Air Branch (586-4200) to report any visual observations of dust or submit photos. The DOH will continue to follow up on any dust complaints.

Consultant's Report

Potential Sources of Dust

- Commercial and industrial sources, including PVT Landfill and West Oahu Aggregate
- Roadway sources, predominantly along Lualualei Road

- Residential yards which are unvegetated (bare dirt)
- Other commercial, agricultural, and residential areas with unvegetated properties in the mixed use area along Hakimo Road
- Naturally occurring dust

Conclusions

- Dust presents a nuisance for the residents of Nanakuli.
- Some of the dust appears to be tied directly or indirectly to emissions from Lualualei Road, PVT, West Oahu Aggregate, and commercial agriculture.
- Air monitoring data provided by PVT indicates that dust in the vicinity of the fenced boundary between PVT and the abutting neighborhood does not pose a health concern.
- A review of the data and methods indicates that the data is collected in accordance with sound scientific principles, applicable EPA methods, and professional standards of care, resulting in representative air quality data.
- PVT plans to begin landfill mining and secondary shredding feedstock operations. The permit issued by DOH requires additional air monitoring at the start of these operations.

Recommendations

1. Lualualei Naval Road improvements and maintenance
2. Enforcement of speed limit on Lualualei Road
3. Reduce emissions at entrance to PVT
4. Reduce emissions on capped landfill sections at PVT
5. Evaluate reasonable dust controls on other surrounding industrial, commercial, and agricultural areas
6. DOH community involvement
7. DOH obtain meteorological data from PVT
8. Neighborhood awareness and improvement plan

DOH Next Steps

1. Meet with the Navy to address the unpaved shoulders of Lualualei Road
2. Work with Hawaii Youth Conservation Corps on a community planting project in 2012
3. Obtain meteorological data from PVT and post online
4. Respond to fugitive dust complaints for PVT Landfill and other surrounding facilities
5. Respond to Photo Brigade submissions about dust in the area
6. Provide and post recommendations to reduce dust from industrial, commercial, and residential areas
7. Community Outreach
 - a. Email updates about Lualualei Road, community planting project, recommendations
 - b. Maintain the website that contains information on this project
(www.hawaii.gov/doh/envplanning)

A copy of this handout, the slideshow presentation, and the Nanakuli Dust Study report will be posted online at www.hawaii.gov/doh/envplanning

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