

Review of Former Signal Bulk Plant, 2001 Versailles Avenue, Alameda, CA

Barney.

12/23/97 - I reviewed the 10/97 risk assessment and spoke to Mr. Gitattino. He asked him for the following changes:

Submit table comparing the site concentrations for different areas with the calculated SSTL's for 10-5.

A rationale for using the capillary fringe values for volumetric air content rather than using the vadoze zone values.

He sent a response in the 1/30/98 letter showing the depths at which the soil samples are collected. According to this information soil samples were collected between 3.5 and 7.5 feet and it is mentioned that gw fluctuates between 2 to 9 feet. Hence, he claims that most of the samples were collected in the capillary zone and hence he used the capillary fringe values for volumetric air content.

The exposure pathway they evaluated in Tier 2 :

Soil to indoor air

Soil to atmospheric air

Ingestion/Dermal/Inhalation pathway for construction workers

*The site is not a problem for a risk of 10-5*

Groundwater to indoor air passed the Tier 1, since the max benzene found in gw according to report is 5.6 ppb (given in table D of 6/1/96 Tier 1 report)

Madhulla