

Former GAF/Mattel Site Cleanup

2022 Indoor Air Sampling Results

The former GAF/Mattel site is located at 8585 SW Hall Blvd in Beaverton, Oregon. The facility consists of approximately 52 acres bordered by the Koll Center Wetlands and Fanno Creek. In 2020, DEQ completed a review to determine if the cleanup is and will continue to be protective of human health and the environment. The review identified concentrations of contaminants in site groundwater that exceed current screening levels for vapor intrusion. As a result, DEQ conducted indoor air sampling at several buildings to evaluate whether building conditions are protective of human health.



Original 52-acre GAF/Mattel facility.

Background

GAF Corporation first developed the site in the 1950s to manufacture View-Master stereo viewers and film reels. Solvents, including trichloroethene (TCE) were used to remove grease from metal equipment parts from 1951 through 1980. In the 1980s, portions of the site were redeveloped into commercial retail space and a business office park. Mattel acquired and continued manufacturing operations on a 6.7 acre portion of the site until 2000.

What is trichloroethylene (TCE)?

TCE is a toxic chemical that may cause cancer and other illnesses. People can be exposed to TCE by drinking water or breathing air contaminated with the chemical. TCE can migrate from contaminated groundwater through soil as a vapor and contaminate air inside buildings in a process called vapor intrusion.

Basis for Action

In March 1998, trichloroethene (TCE) was detected in the facility's water supply well at levels above the federal drinking water standard (5 ug/L). Mattel immediately discontinued use of the well and entered into an agreement with DEQ to investigate the source of the contamination. A remedial investigation (RI) performed between 1998 and 2000 found significant levels of contamination in groundwater, surface water,

and indoor air. DEQ issued a Record of Decision, or final cleanup plan in 2002 that required extraction and treatment of groundwater, monitoring, and a prohibition on use of groundwater as a drinking water source.



A View-Master stereo viewer and film reel

Periodic Review

In 2020, DEQ performed a periodic review of the site to evaluate if the remedy is and will continue to be protective of human health and the environment. The review found that the groundwater extraction and treatment system prevents migration of the TCE groundwater plume and is protective of humans and wildlife. The review also found that indoor air had not been sampled for over 20 years and the screening levels previously used to evaluate vapor intrusion of TCE were outdated. Therefore DEQ recommended additional sampling to measure the concentration of TCE in indoor air.

Indoor Air Sampling

Two rounds of air sampling were completed at selected buildings between January and March 2022. Sampling results found that indoor air concentrations for Site-related were all below applicable screening levels. Therefore, DEQ has concluded that indoor air concentrations of Site-related contaminants do not pose an unacceptable risk to human health.

Visit DEQ's webpage to view relevant site documents: <http://bit.ly/ECSI-2195>

Alternative formats

Documents can be provided upon request in an alternate format for individuals with disabilities or in a language other than English for people with limited English skills. To request a document in another format or language, call DEQ in Portland at 503-229-5696, or toll-free in Oregon at 1-800-452-4011, ext. 5696; or email deqinfo@deq.state.or.us.



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