

Fact Sheet

The Cully Air Toxics Monitoring Station

In the spring of 2018, DEQ will locate a full air toxics monitoring station in the Cully neighborhood of NE Portland. The monitoring station will collect air samples for approximately one year.



The Cully Monitoring site will have the same equipment as this La Grande site.

What is the purpose of the monitoring?

The purpose of this station is to assess levels of air toxics in Cully. The station is part of a statewide network of air monitoring sites used to assess air toxics in communities of interest and where we have little or no air monitoring information.

Why did DEQ select this location for monitoring?

DEQ selected this location in Cully after reviewing a year's worth of wind data from a meteorological site in the area, emission information, complaints, and topography. The data showed low wind speeds in Cully much of the year. The low wind speeds were from the northwest during the summer and from the southwest and east during the winter. The monitoring location is at a school in an exposed area and is downwind from various potential sources of pollution.

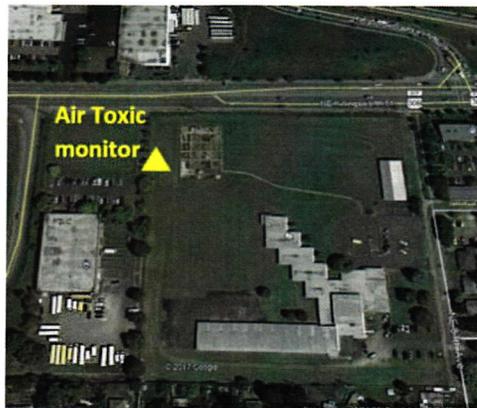
What does the monitor collect?

At this station DEQ will collect air toxics samples once every six days for one year, on a schedule consistent with U.S. EPA guidance. DEQ will analyze the samples for over one hundred pollutants including: particulates, polynuclear aromatic hydrocarbons, volatile organic compounds and metals. DEQ will also collect wind speed and wind direction data to help evaluate pollutant sources.

Where is the monitoring site?

The monitoring site will be at the Helensview School, located at 8678 NE Sumner Street Portland, OR 97220. The specific location of the monitoring site will be in the Northwest corner of the school grounds adjacent to the

community garden. Helensview School will only host the site, all inquiries about the station and the data should be made to DEQ.



Location of the Cully Air Toxics Monitoring Station

What will air toxics monitoring tell us?

By collecting and analyzing monitoring and meteorology data, DEQ and U.S. EPA will gain a better understanding of air toxics levels, exposures in the region, and risks to people associated with those exposures. The data is used to assess priorities for pollution reduction strategies, and track progress in meeting pollution reduction goals.

When will the data be available to the public?

DEQ prepares annual reports about air quality monitoring results. First, we collect monitoring samples and analyze them at the DEQ laboratory. Results are reviewed for quality assurance including completeness and accuracy. We submit the data quarterly to EPA, and it is posted in raw format to EPA's Air Quality System. DEQ's annual report will be posted with data summaries for past years at <http://www.deq.state.or.us/aq/forms/annrpt.htm>

For more information please contact:

Anthony Barnack, 503-229-5713

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.



State of Oregon
Department of
Environmental
Quality

Air Quality Program

7202 NE Evergreen
Parkway
Hillsboro, OR 97124
Phone: 503-229-5708
Email: barnack.anthony@deq.state.or.us
Contact: Anthony Barnack
www.oregon.gov/DEQ