United States Environmental Protection Agency

Air Monitoring Continues at Southeast Chicago Facility

S.H. Bell Company

Chicago, Illinois September 2017

U.S. Environmental Protection Agency began investigating fugitive dust and manganese issues at S.H. Bell's Chicago facility in April 2014, as part of a larger effort that included close coordination with the city of Chicago Department of Public Health and the Illinois EPA to identify and address compliance issues in southeast Chicago.

Due to U.S. EPA's efforts, S.H. Bell has installed new air pollution control equipment, implemented an enhanced fugitive dust plan, and installed air quality monitors to measure PM10 and manganese.
The Agency is closely analyzing the data generated by these monitors.
U.S. EPA has also requested the Agency for Toxic Substances and Disease Registry evaluate the impact of the facility on the community based on the data collected by the air quality monitors. Once finalized, this report will be made public.

On Aug. 7, U.S. EPA issued a Notice of Violation under the Clean Air Act to S.H. Bell.[1] The Agency determined that manganese emissions exceeded the health-based screening level at the company facility at 10218 S. Ave. O, Chicago, Illinois. Four months of air monitoring data from March 1 through June 30, 2017, showed an average concentration of 0.32 micrograms per cubic meter (μg/m^3) of manganese. The minimal risk level for chronic inhalation exposure to manganese is 0.3 ug/m3

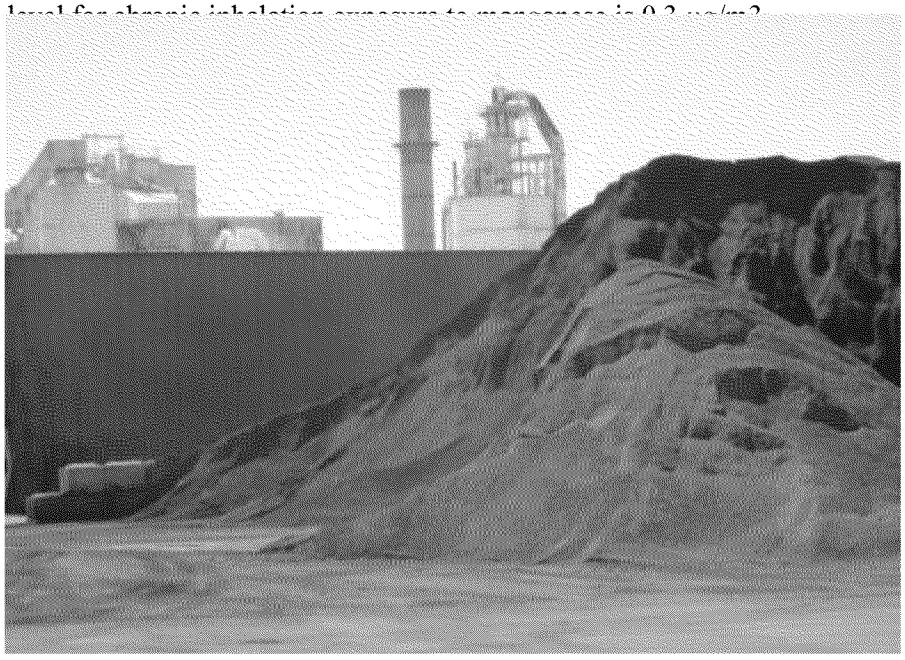

Photo shows a previous outdoor bulk material storage pile at the S.H. Bell Chicago facility. U.S. EPA continues to monitor air particles around the facility.

Donec scelerisque bibendum elit. Quisque tortor pede, tempus sit amet, elementum a, interdum ac, nunc. Curabitur id justo non dolor laoreet

[1] *The Aug. 7, 2017, U.S. EPA Notice of Violation was issued under Section 113(a)(l) of the Clean Air Act, 42 U.S.C. § 7413(a)(l). EPA found that S.H. Bell Co. was violating the Illinois State Implementation Plan at its Chicago facility.*

tellus dapibus sapien. Phasellus nec nulla. Fusce auctor nulla ut ante posuere pellentesque. Praesent facilisis. Cras ullamcorper, nunc sit amet luctus iaculis, nulla sem dignissim lectus, scelerisque viverra libero dui eu

For more information

For questions, comments or more information about the S.H. Bell S.E. Chicago monitoring situation, contact:

Molly Smith
U.S. EPA Region 5
Air Enforcement Division
smith.molly@epa.gov
312-353-8773
Toll-free: 800-621-8431, Ext. 38773

George Bollweg
U.S. EPA Region 5
Environmental Health Scientist
bollweg.george@epa.gov
312-353-5598
Toll-free: 800-621-8431, Ext. 35598

Michelle Colledge, MPH, PhD
CAPT, U.S. Public Health Service
Agency for Toxic Substances and Disease Registry/NCEH/CDC
colledge.michelle@epa.gov
312-886-1462

Medical information

For medical information on environmental conditions contact:

Great Lakes Center for Children's Environmental Health Chicago Office
312-864-5526