

Letter Health Consultation

CENTURY SMELTING

CHICAGO, ILLINOIS

AUGUST 14, 2008

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service
Agency for Toxic Substances and Disease Registry
Division of Health Assessment and Consultation
Atlanta, Georgia 30333

Health Consultation: A Note of Explanation

An ATSDR health consultation is a verbal or written response from ATSDR to a specific request for information about health risks related to a specific site, a chemical release, or the presence of hazardous material. In order to prevent or mitigate exposures, a consultation may lead to specific actions, such as restricting use of or replacing water supplies; intensifying environmental sampling; restricting site access; or removing the contaminated material.

In addition, consultations may recommend additional public health actions, such as conducting health surveillance activities to evaluate exposure or trends in adverse health outcomes; conducting biological indicators of exposure studies to assess exposure; and providing health education for health care providers and community members. This concludes the health consultation process for this site, unless additional information is obtained by ATSDR which, in the Agency's opinion, indicates a need to revise or append the conclusions previously issued.

You May Contact ATSDR TOLL FREE at
1-800-CDC-INFO

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Visit our Home Page at: <http://www.atsdr.cdc.gov>

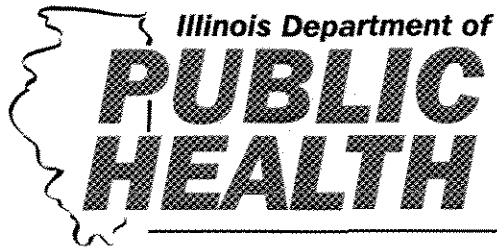
LETTER HEALTH CONSULTATION

CENTURY SMELTING

CHICAGO, ILLINOIS

Prepared By:

Illinois Department of Public Health
Under Cooperative Agreement with the
U.S. Department of Health and Human Services
Agency for Toxic Substances and Disease Registry



Rod R. Blagojevich, Governor
Damon T. Arnold, M.D., M.P.H., Director

525-535 West Jefferson Street • Springfield, Illinois 62761-0001 • www.idph.state.il.us

MEMORANDUM

TO: Illinois EPA
Bureau of Land

FROM: Ken Runkle, Environmental Toxicologist
Brian Pavilonis, GPSI Intern

DATE: March 12, 2008

SUBJECT: Century Smelting Facility (#903110801H)

At the request of the Illinois Environmental Protection Agency (IEPA), the Illinois Department of Public Health (IDPH) evaluated the current and historical data from the former Century Smelting facility to determine if it poses a public health hazard and requires further action.

Site History

The Century Smelting facility was believed to be located at 2135 S. Loomis Street in Chicago, IL. The site was a former metal smelting facility. Currently, the site is vacant gravel parking lot owned by H. Kramer and Co., a secondary brass and bronze smelter. The site is fenced and has a locking gate. It is located in a mixed residential and industrial area within the Bronzeville neighborhood. According to Sanborn Fire Insurance Maps and editions of the Standard Metal Directory the facility began operations sometime around 1940 and ceased before 1963.

On January 10, 2006 soil samples were taken from the gravel parking lot. Elevated lead concentrations were identified in near surface materials at one boring location in the parking lot at concentrations exceeding the IEPA ingestion corrective action objectives.

Exposure Evaluation

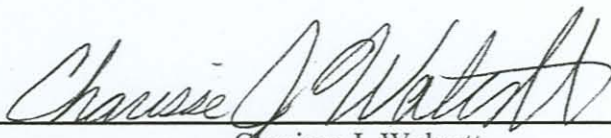
The greatest risk of exposure to elevated levels of lead would be to workers at H. Kramer and Co., who use the parking lot. The parking lot has three inches of gravel covering the topsoil, making such exposure unlikely. The general public is not at risk of exposure due to the fencing of the property and locking gate. No completed exposure is present at this time.

Conclusion

IDPH concludes that there is no public health hazard at this time and concurs with the Illinois EPA recommends that the site be "closed" and removed from active status.

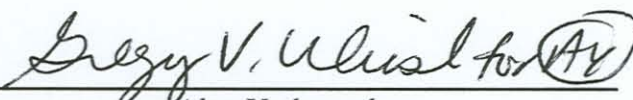
Certification

This Century Smelting Facility letter health consultation was prepared by the Illinois Department of Public Health under a cooperative agreement with the federal Agency for Toxic Substances and Disease Registry (ATSDR). It was completed in accordance with approved methodologies and procedures existing at the time the health consultation was initiated. Editorial review was completed by the Cooperative Agreement partner.



Charisse J. Walcott
Technical Project Officer, CAT, CAPEB, DHAC

The Division of Health Assessment and Consultation (DHAC), ATSDR, has reviewed this health consultation and concurs with its findings.



Alan Yarbrough
Team Lead, CAT, CAPEB, DHAC, ATSDR