



**Minnesota Pollution
Control Agency**

520 Lafayette Road North
St. Paul, MN 55155-4194

Dental Facilities Sector Worksheet

National Pollutant Discharge Elimination System (NPDES) Wastewater Program
Mercury Minimization Plan

Doc Type: Pollutant Minimization Plans

Western Lake Superior Sanitary District (WLSSD) found average mercury contribution to wastewater from 0.1-0.3 grams per dentist per day.

List of all dental offices (list business name)	Contact name and date contacted	Does the dentist office have mercury amalgam separators?	Is the separator adequate for the capacity (# chairs?)	Is the separator adequate for the system flow?	Does the dental office provide for proper operation and maintenance of the amalgam separator?	Does the dental office provide for pickup and recycling of mercury waste?	Does the facility belong to a local dental association ?	Monitoring: Grab sample from manhole#	Flow (MGD)	Mercury concentration (mg/day)	Total mass load

Resources

MPCA fact sheet "Recognition For Dental Providers Using Amalgam Removal Equipment"
(Certificate of Recognition): <http://www.pca.state.mn.us/publications/wq-wwtp1-02.pdf>

U.S. Environmental Protection Agency (EPA): <http://amalgamrecycling.org/>

American Dental Association: <http://www.ada.org/>

Minnesota Dental Association:
http://www.mndental.org/professionals/amalgam_recovery/

Minnesota Technical Assistance Program (MnTAP) fact sheet www.mntap.umn.edu
"Dental Office Hazardous Waste"

WLSSD Case study included in "A Blueprint for Mercury Elimination."
http://www.wlssd.com/documents/WLSSD_Blueprint_Mercury_Reduction.pdf

Wisconsin Minnesota Department of Natural Resources (DNR) Mercury Reduction
Environmental Dental Health Management

<http://dnr.wi.gov/org/caer/cea/mercury/potw.htm>

EPA Mercury Web site <http://www.epa.gov/mercury/>

MCES Web site <http://www.metrocouncil.org/environment/IndustrialWaste/news-ocn-0612.pdf>

Solid Waste Management Coordinating Board Self Audit and FAQ for dentists.