



Medical 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 mercury concentrations to wastewater from hospitals ranging from 0.3 parts per billion (ppb) to 5.4 ppb.

List of hospitals, clinics, and nursing homes (list business name)	Contact name and date contacted	Mercury usage assessment done (WLSSD Attachment F)	Lab reagent assessment done?	Pharmaceutical reagent assessment done?	Has mercury containing equipment been labeled? Replaced?	Are there alternatives for mercury containing equipment?	Is there information on what has been disposed of down the drain, past, and present? Any accumulation in drain traps? Have traps been cleared?	Does the hospital have adequate mercury spill kits?	Have staff been trained on proper use and disposal of mercury spill kits?	Monitoring: Grab sample from manhole#	Flow (MGD)	Mercury concentration (ug/L)	Total mass load (mg/day)
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Resources

MnTAP Web page <http://mntap.umn.edu/index.htm> (search under mercury) fact sheets

“Mercury in Health Care Lab Reagents” (#92)

“Mercury in Labs and Pharmacies” (#10a)

“Mercury in Patient Care Areas” (#10c)

“Mercury in Non-clinical Health Care Areas” (#10b)

Mercury Use Survey

MASCO Mercury Management Guide

www.masco.org/specialproject_mercuryworkgroup.htm

U.S. Environmental Protection Agency (EPA) document “Reducing Mercury Use in Healthcare Promoting a Healthier Environment, a How-To-Manual” <http://www.epa.gov/mercury/healthcare.htm>

WLSSD Case study “WLSSD Success Story St. Mary’s Duluth Clinic Health System (SMDC) p. 18” included in “A Blueprint for Mercury Elimination” http://www.wlssd.com/documents/WLSSD_Blueprint_Mercury_Reduction.pdf

Hospitals for a Healthy Environment web site <http://www.h2e-online.org/>

Wisconsin Minnesota Department of Natural Resources (DNR) Web site
<http://dnr.wi.gov/org/caer/cea/mercury/potw.htm>

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