

Info Item: Industrial Waste
Mgt Program and Summary
of Industrial Customer
Forum

Presented to the Environment Committee
July 12, 2011

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MCES Pretreatment Program Functions

- **Issue and administer Industrial Discharge Permits for industrial customers**
- **Conduct inspections and wastewater monitoring projects to check compliance and strength levels**
- **Take enforcement actions when violations occur**
- **Respond to treatment plant and sanitary sewer system problems caused by improper discharges**



Additional MCES Pretreatment Program Functions

- **Administer charges for high strength industrial wastewater, based on TSS and COD**
- **Hauled Waste Program for septic tank sludge, and other trucked wastewater**
- **Program to accept landfill leachate and contaminated groundwater from cleanup sites**
- **Pollution Prevention and source reduction**
- **Mercury source evaluation and reduction**
- **Investigate emerging pollutants and new industrial customers**



MCES Permit Summary

- **584 Standard Permits (connected), includes**
 - 252 Significant Industrial Users
 - 182 Industries subject to federal EPA standards
- **89 Liquid Waste Haulers (trucked waste)**
- **121 Special Discharge Permits (leachate, contaminated groundwater + hauled industrial)**
- **64 General Permits (water supply plants)**



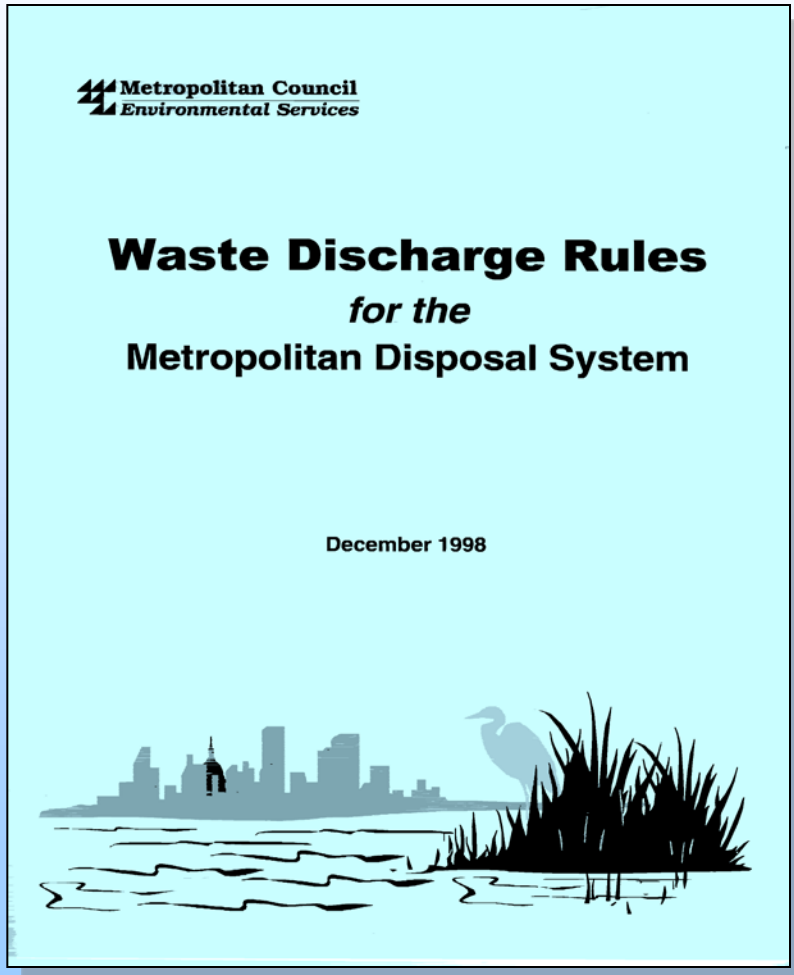
2010 MCES Pretreatment Program Functions

- **453 total inspections**
- **395 monitoring projects**
- **20 response actions**
- **1602 industrial reports evaluated**
- **108 “Notices of Violation” issued**
- **Special studies and other projects**



MCES Waste Discharge Rules

List of Articles



- I. General
- II. Industrial Discharge Permit
- III. Special Programs and Requirements
- IV. Local Pretreatment Standards
- V. Enforcement and Administration

Revisions planned will add a new article on “Customer Community Requirements”



Pretreatment Standards

- **Numerical limits for metals and pH**
 - E.g., cadmium, copper, mercury

- **Prohibited wastes**
 - E.g., flammable liquids, grease, sand

- **Federal EPA standards for specific industry types**
 - E.g., electroplaters, foundries, paper mills



Industrial Customer Inspection



Industrial Customer Monitoring



Industrial Customer Monitoring



Industrial Customer Monitoring



Industrial Customer Monitoring





Hauled Waste Disposal



Blue Lake Plant



Metro Plant



Fridley

Sewer Entry

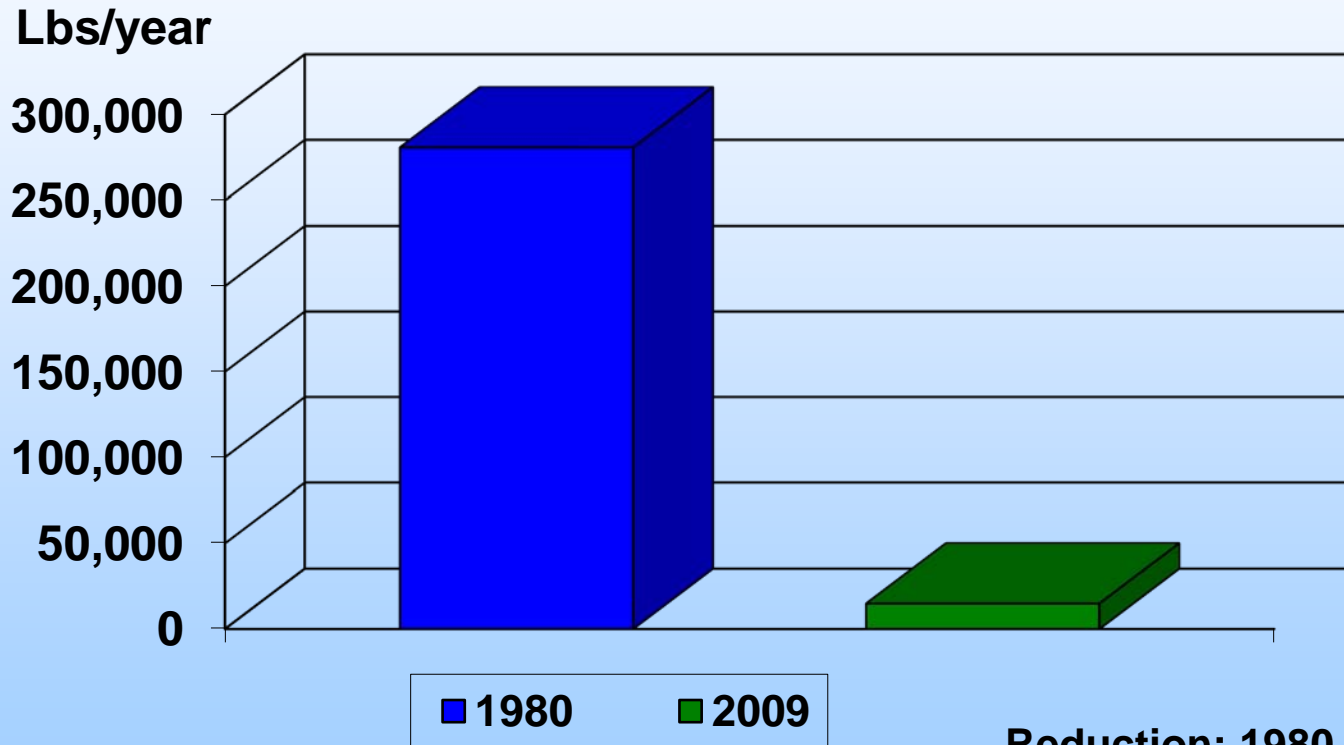


Spill Response





Metals Loading to the Metro Plant From Industry

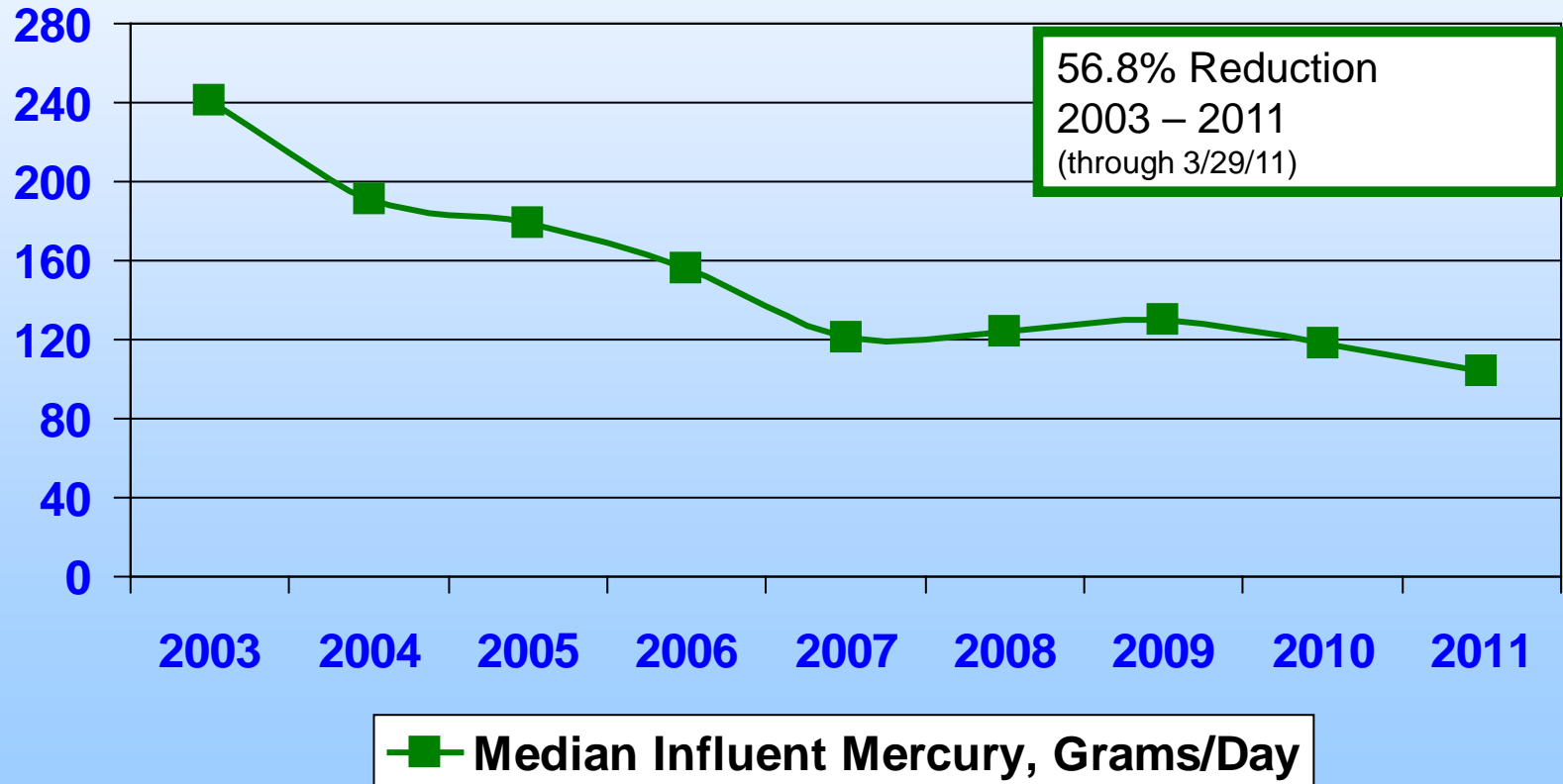


**Reduction: 1980
to 2009 = 94.7%**



Influent Mercury Reduction

Metropolitan Wastewater Treatment Plant





Industrial Customer Forum

- **June 21, 2011 at Metro 94**
- **Attended by 43 Industrial customers**
- **Covered:**
 - SAC issues
 - 2012 rates
 - Budget schedule
- **Technical topics also addressed:**
 - New federal regulations
 - Perfluorochemicals (PFOS)
 - Monitoring requirements
 - Hauled waste issues
- **Generally well received by Industrial customers; provides chance for direct communication**



'Open Channel News'



Metropolitan Council Environmental Services

Metropolitan Council Environmental Services (MCES) is one of three divisions of the Metropolitan Council, a regional public agency working for the seven-county metropolitan area. The mission of MCES is to provide wastewater services that protect the public health and environment while supporting regional growth.

Services provided by MCES ensure that:

- (1) sufficient sewer capacity exists to serve planned development, and sufficient capital investments are made to preserve the region's water quality;
- (2) wastewater collection and treatment services are provided in a cost- and quality-competitive manner for 105 communities and nearly 800 industrial clients; and
- (3) local plans provide for adequate water supply and nonpoint source pollution prevention in the region.

What's Inside?

Meet the New Council
Environment Committee
Members

Industrial Waste Customer
Forum – June 21, 2011

MCES Permit Transfer and
Ownership Changes

PFC Survey Results

MCES Continues Perfect
Compliance Streak While Safely
Weathering the Flood

2011 Rate and Fees

Issue #37/ June 2011

With a New Governor Comes a New Council and Regional Administrator



Susan Haigh

Susan Haigh was appointed chair of the Metropolitan Council by Gov. Mark Dayton in January 2011. Haigh has an extensive background in government and community service. She is president and CEO of Twin Cities Habitat for Humanity. She previously served as a Ramsey County commissioner from 1995 to 2005, chief deputy Ramsey County attorney from 1982 to 1994, assistant Dakota County attorney from 1979 to 1982 and as a staff lawyer of the Metropolitan Council from 1977 to 1979. Haigh holds a bachelor's degree in political science from Macalester College and a law degree from William Mitchell College of Law.



Patrick Born

Patrick Born was selected as Regional Administrator of the Metropolitan Council in February 2011. Born came to the Council after 10 years as chief financial officer for the City of Minneapolis. From 1980 to 2000, Born advised state and local governments, including the Council, about bonds and other financial matters. Prior to that Born spent six years at the state of Minnesota with positions at the Pollution Control Agency, the Minnesota Senate, and the Finance Department. Born's undergraduate degree is from Miami University (Ohio), and his masters' degrees are from the University of Minnesota.

The Metropolitan Council has 17 members; the chair who serves at large, and 16 other members each of whom represents a geographic district. Each member is appointed by and serves at the pleasure of the governor. Council members serve on standing committees that meet regularly and make recommendations to the full Council. Seven of the Council members serve on the Environment Committee, which addresses issues of sewer policy and planning, environmental reviews, wastewater facilities and treatment, water supply, nonpoint source pollution, and federal and state regulations.

Meet the new Council Environment Committee members see page 2.

Important Dates:

June 21, 2011 – Industrial Waste Customer Forum
July 15, 2011 – Liquid Waste Hauler quarterly reports due at MCES offices.
July 30, 2011 – All Regular and Special Discharge quarterly and semi-annual reports due at MCES Offices.
Mail Reports to: MCES, IWPP Section, 390 North Robert Street, St. Paul, MN 55101-1805.

Sent to all Industrial customers
3 times/year

Available at:

www.metrocouncil.org/environment/IndustrialWaste/news_OCN_index.htm

