



Minnesota Technical Assistance Program

MnTAP provides no cost technical assistance to help your business reduce waste, increase efficiency, save on disposal and raw material costs, and decrease regulatory compliance burdens. MnTAP works with manufacturers and industrial service businesses that generate waste. Our technical staff members are problem-solvers and have an in-depth understanding of water and waste reduction as well as energy efficiency principles. MnTAP's technical specialists focus on the following sector areas, but provide assistance to all Minnesota businesses.

- Automotive refinishing
- Degreasing
- Dry cleaning
- Chemical processing
- Fiber reinforced plastics
- Food processing
- Healthcare facilities
- Industrial painting
- Laboratories
- Machining & metal fabrication
- Medical devices
- Metal finishing
- Metal casting
- Painting & wood finishing
- Pulp & paper processing
- Wastewater treatment
- Vehicle maintenance

“The project has resulted in a minimum 20% reduction in electrical demand from the aeration system and has created the momentum for even more reduction to occur.”

*—Assist. Public Utilities Director,
City of St. Cloud Wastewater Treatment Facility*

Minnesota Technical Assistance Program

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Strengthening Minnesota businesses by maximizing efficiency and lowering costs through energy, water, and waste reduction



Sustainable Business Practices Gear up for success



Facility-specific services to help your company save money, reduce waste, conserve water, and improve energy efficiency



UNIVERSITY OF MINNESOTA Driven to DiscoverSM

MnTAP is funded primarily by the Minnesota Pollution Control Agency's Resource Management and Assistance Division and is located at the University of Minnesota in the School of Public Health, Division of Environmental Health Sciences.

The University's mission, carried out on multiple campuses and throughout the state, is threefold: research and discovery, teaching and learning, and outreach and public service. The University of Minnesota shall provide equal access to and opportunity in its programs, facilities, and employment without regard to race, color, creed, religion, national origin, gender, age, marital status, disability, public assistance status, veteran status, sexual orientation, gender identity, or gender expression..

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Minnesota Technical
Assistance Program



Engage your savings potential

The Minnesota Technical Assistance Program (MnTAP) is an outreach program at the University of Minnesota that helps Minnesota businesses develop and implement industry-tailored solutions that prevent pollution at the source, maximize efficient use of resources, and reduce energy use and cost to improve public health and the environment. MnTAP's staff of technical experts work with Minnesota businesses in a variety of ways and offer specialized assistance through:

- Site visits
- Intern program
- Internal team facilitation
- Telephone assistance
- Materials Exchange program
- Information resources
- Presentations, workshops & webinars
- Pollution prevention planning
- Extensive online resources

Tools to maximize resource efficiency through site-specific solutions



Site Visits and Team Facilitation

A MnTAP staff member can visit your facility to help you identify strategies and tools for improving efficiency and reducing waste. MnTAP staff can also facilitate internal staff teams to investigate waste related issues such as:

- Water use & wastewater
- Solid & hazardous waste
- Air emissions
- Packaging
- Raw material use
- Process energy
- Pump & fan efficiency
- Steam systems
- Compressed air
- Motor efficiency



Online and Technical Resources

Find resources you need to implement best practices, learn what efficiencies other businesses in your industry are finding, and more at www.mntap.umn.edu:

- Tips newsletters
- Case studies and fact sheets
- Webinars and videos
- Resource efficiency resources
- Pollution prevention providers around the country



Intern Program

Summer interns, hired and paid by MnTAP, can make a difference in your facility by providing an extra set of eyes to investigate pollution prevention, water conservation, or energy efficiency solutions.

- Modifying tank rinse procedures at a chemical manufacturer is reducing their solvent use by 27,600 lbs and saving \$21,000
- Installing a conductivity control system for rinses at an electroplating shop would save 5.8 million gallons of water and \$33,000 per year by
- Repairing air leaks and retro-fitting an air compressor with a variable frequency drive at a food processing plant can save 156,900 kWh and \$9,700.

Gear up for success with MnTAP today!

- Non-regulatory, no cost assistance to Minnesota businesses
- Broad range of technical expertise
- Confidential, non-biased information

For more information on how MnTAP can help your business
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"Working with MnTAP was a win-win for Lakeland Tool, our employees and the environment. I would recommend this to any company or organization. Believe me, it was a lot easier than I ever imagined!"

- Operations Manager, Lakeland Tool and Engineering

