

2006 MPCA Self Assessment of the EnPPA

	Vision Name	Goal Name	Objective Name	Strategy Name	FY 05 Progress	FY 05 Contact	FY 06 Progress
1	Vision 1: Clean and Clear Air	Goal A1: Minnesota's outdoor air quality will meet or improve upon all environmental and human health-related federal and state ambient air quality standards.	Objective A1a) Reduce risks to humans and the environment by continually meeting all federal and state ambient air quality standards.				
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3				Strategy A1a)1 Collect Data to determine compliance status and to provide information.	Ambient air monitoring networks were fully operational during FY05.	Kohlasch / Strassman	Ambient air monitoring networks were fully operational during FY06.
4				Strategy A1a)1 Communicate with and update the Region on implementing the networks contained within the RMS, including any changes to the networks originally defined in the strategy. Participate with the Region and other States in updating the Strategy.	No changes were made to the ambient networks as a result of the RMS in FY05.	Strassman	No changes were made to the ambient networks as a result of the RMS in FY06. MPCA staff working with R5 workgroup to revise RMS.
5				Strategy A1a)1 Inform the Region when changes are made to the monitoring networks.	Few changes were made to criteria pollutant monitoring networks in FY05. PM2.5 changes communicated and approved via the PM2.5 Monitoring Grant process.	Strassman	PM2.5 network changes communicated and approved via the PM2.5 Monitoring Grant process.
6				Strategy A1a)1 Submit data to AIRNOW year round for fine particulate matter and ozone for the ozone season.	All data submitted to AIRNOW during FY05.	Strassman	All data submitted to AIRNOW during FY06.
7				Strategy A1a)1 Implement Revised New Source Review (NSR) Program.	We have implemented 100% of the NSR Reform provisions which are in force at the federal level.	Seha/ Sandberg / Schutt	We have implemented 100% of the NSR Reform provisions which are in force at the federal level.

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8				Strategy A1a)1 Implement processes that continually assess and reform programs to achieve improved environmental outcomes and program efficiency gains.	The Performance Track initiative brought in 3 new members + 2 new applicants. EPA Pollution Prevention Grant funded a suite of pilot projects incorporating pollution prevention methods and evaluating project/environmental outcomes, including, Multi-media pollution prevention inspections conducted in 3 hospitals. Established process for review of pollution prevention integration opportunities (via technical liaison appointments to Air Land and Water policy forums). MN Biz Nice One Stop Program evaluation resulted in a recommendation to design and implement a new effort to provide technical assistance to companies during the design phase of a new or expanding facility. The effort is focused on reducing the environmental footprint of the facility.	Cera/ Hilmoe/ Innes / Ronchak	1. Performance Track:1 new member, As group, members reported:reduced VOCs, HW, & TSS; increased recycled material use,increased energy and water use due to higher production. 2. Hospital MMP2 inspections: 28 inspections completed, 11 HW-only NOVs, 15 multi-media NOVs, 4 APOs, 21 sewer notifications, 100% P2 assist/MnTAP referral. 3. Dairy feedlot ERP:13 3rd-party assessmts (40 total),26 3rd-party assists,7 3rd-party certifications (9 total),40 self-certification volunteers.4. Ethanol: Benchmarks/P2 best practices,Research begun on:new feedstocks & improving existing MN plants. 5. Reduced hog manure appl proj: Completed 1st of 3 seasons. P2 Tools Initiative results are provided in a separate report.
9				Strategy A1a)1 Plan for and implement federal and state laws, regulations and policies which link air quality, land use and transportation planning together to maintain air quality within state and federal standards.	On track for this objective.	Seltz	In mid-06, initiated efforts to clean up our outstanding Implementation Plan issues. Continued voluntary efforts to clean up diesels through Clean Air Minnesota, and continued to work to consider emission reduction when funding transportation plans in the state.

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10				Strategy A1a)2 Respond to all requests for applicability determinations and waivers.	This is being done and as of January 1, 2005 this is all being tracked through our new tracking system developed out of the AQ Construction Six Sigma Project. These items are handled the same as permit applications and systems are in place to track progress. Prior to Six Sigma System they were tracked by the Construction Queue.	Sandberg / Smith / Schutt	Continue to track responses to requests for applicability determinations and waivers. Each request is handled in the same way a permit application is handled.
11				Strategy A1a)2 Manage Data so it is available for analysis	This is being done and as of January 1, 2005 this is all being tracked through our new tracking system developed out of the AQ Construction Six Sigma Project. Prior to that is was being done through the Construction Queue and T-5 tracking spreadsheets. All criteria pollutant data submitted to the AQS database in FY05.	Kohlasch / Sandberg / Smith / Schutt	Improvements have been made to the data tracking system developed for the AQ Construction Six Sigma Project and is actively being used to record data and facilitate analysis of the data. Analysis of the data is being done to identify and design further process improvements. All criteria pollutant data submitted to the AQS database in FY06.
12				Strategy A1a)2 Encourage strategies that eliminate harmful chemicals or otherwise prevent the generation of harmful pollutants.	Six Sigma Discovery Team focused on improved strategic integration of pollution prevention approaches throughout Agency programs to achieve environmental goals/objectives. Performance Track member results (cumulative and corrected for production changes): VOC emissions/reduction - 769 tons; Ozone-depleting substances release/ reduction - 992 lbs; Energy use/reduction - 40,326 mmBtu (and carbon equivalents). Mercury Free Zone program (Clancy the mercury-detecting dog in MN Schools) collected close to 267.42 pounds of mercury, had 35 schools pledge to be mercury-free, assessed 30 schools, and informed 5796 students. (Updated Hg numbers in 2006).	Austrian / Stern / Hilmoe/ Innes	The Mercury-Free Zone Program collected 118.71 pounds of mercury, assessed 46 schools, educated 5407 students and 389 adults, and 42 schools pledged to be mercury free.

1	Vision Name	Goal Name	Objective Name	Strategy Name	FY 05 Progress	FY 05 Contact	FY 06 Progress
13				Strategy A1a)2 Provide Assistance to regulated parties to help them understand and comply with Air permit conditions and regulations.	The MPCA is addressing this through our Customer Assistance Center (CAC), Small Business Program and through work by individual permit writers and they interact with regulated parties in the permitting process.	Thornton / Goldsmith	The MPCA is addressing this through our Customer Assistance Center (CAC), Small Business Program and through work by individual permit writers and they interact with regulated parties in the permitting process.
14				Strategy A1a)3 Conduct Evaluations/Analyze Data.	Data analysis conducted regularly.	Kohlasch / Hoff	Data analysis conducted regularly, as required and in response to specific requests.
15				Strategy A1a)3 Issuance of State Operating Permits and Reduction of the Backlog of Expired Permits.	We have made significant progress in our commitment to EPA. The goals are set on the basis of a calendar year. We will make final decisions on 99% of the First Generation Title V permits (issued or re-classified). We expect to accomplish 93% of our goal for Title V Permit Re-issuances and 86% of our goal for FESOPs	Sandberg / Schutt / Smith	The goals for first time Title V permits, FESOPs and permit re-issuance are set on a calendar year basis. For CY06 Minnesota had committed to the issuance of 7 first time Title V permits, 40 backlog FESOPs and 33 re-issuances. We project that we will issue 6 first time Title V permits, 45 FESOPs (23 of which are backlog and the remainder other FESOPs) and 34 reissuances by the close of CY06. This has been achieved even with vacancies in some permitting positions and with an increase in the issuance of first time operating permits or major permit modifications for new construction.
16				Strategy A1a)3 Implement technology at a pace and level that deliver maximum benefit for the objective.	1) Completed the ambient and point source AQ modules of the Environmental Data Access system and put into production on the PCA Web site. 2) Completed the AQ Permit Tracking System Application 3) completed AQ Delta (PCA core permitting, compliance and enforcement application) enhancements and maintenance.	Meyer / T. Schindler	1) Implemented AQ process improvement monitoring tool to improve timeliness of permits issuance; 2) completed area and mobile source modules of Environmental Data Access system.

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17				Strategy A1a)4 Provide Information to internal and external users-one activity under this is to maintain a complete and accurate inventory for all federally regulated sources in AFS.	Emissions data from the annual emission inventory is presented on the agency Environmental Data Access website and is included in the Annual Pollution Report, which is prepared for the Minnesota Legislature.	Kohlasch / Hoff	Emissions data from the annual emission inventory is presented on the agency Environmental Data Access website and is included in the Annual Pollution Report, which is prepared for the Minnesota Legislature.
18				Strategy A1a)4 95% Compliance Rate for Major Facilities that are not HPVs- Implement AQ CMS Strategy. Also, evaluation of submittals for compliance (i.e. performance test reports, CEM reports, misc. reports).	Achieved a 95% compliance level for major air facilities.	Giddings	Achieved a 97.3% compliance level for major air facilities.
19				Strategy A1a)4 Initiate and follow through with enforcement as appropriate and in compliance with the Enforcement Response Plan to bring facilities subject to federal and state Air Quality regulations into compliance. Report results to AFS.	AQ program enforcement guidance in the Enforcement Response Plan recently updated - 11/1/05. Forum process continues to be used as does the Enforcement Queue.	Giddings	AQ program enforcement guidance in the Enforcement Response Plan recently updated - 11/1/05. Forum process continues to be used as does the Enforcement Queue. Results reported in AFS.
20				Strategy A1a)4 Maintain Enforcement Response Plan.	Enforcement Response Plan recently updated - 11/1/05.	Schmitt / Richards	Ongoing. The Enforcement Response Plan has been updated with minor changes approximately every 3 months since the full scale update on 11/1/05.
21				Strategy A1a)5 Continued Implementation of AQ Enforcement Queue-Identify HPVs using timely and appropriate guidance for HPVs. Report results to AFS.	AQ Enforcement Queue continues to be used to prioritize cases and to identify HPVs.	Giddings	AQ Enforcement Queue continues to be used to prioritize cases and to identify HPVs. Results reported in EPA conference calls and via AFS.
22				Strategy A1a)6 Provide Technical Assistance.	Ongoing, guidance updated to include AERMOD, data collection begun for Olmsted SIP.	Burman	Ongoing. Staff participate on permitting teams to ensure NAAQS & MAAQs met, guidance has been updated to reflect AERMOD, AIRMET data is available to download into applications.

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23				Strategy A1a)6 State Implementation Plan Revisions.	MN/RV have cooperated to produce revised public notice SIP. Maintenance plan for Rochester has been delayed.	Biewen/Seltz	MPCA has proposed to update maintenance plans as revisions are submitted. EPA is considering this proposal.
24				Strategy A1a)8 Implement state noise rules for transportation sources.	Exemptions have been processed in cooperation with MnDOT. No variances have been received.	Thornton / Seltz	Hired new person to manage state noise program in August 2006.
25	Vision 1: Clean and Clear Air	Goal A1: Minnesota's outdoor air quality will meet or improve upon all environmental and human health-related federal and state ambient air quality standards.	Objective A1b) By December 31, 2010, reduce overall emissions in Minnesota of fine particulates and/or pollutants that contribute to fine particle formation by 30 percent from 2000 levels.	Strategy A1b)1 Collect Data for use in reporting and AQ fee calculations.	Emission inventory is collected and processed for use in fee calculation by February of each year.	Kohlasch / Micheal Smith	Emission inventory is collected and processed for use in fee calculation by February of each year.
26				Strategy A1b)1 Increase stakeholder and staff awareness of AQ issues.	Have held stakeholder input meetings in the past year on AERA (risk analysis) CAIR and BART implementation.	Seha / Thornton / Seltz	Held stakeholder meetings and other outreach efforts related to the CAIR rule, BART implementation, mercury controls, and regional haze implementation planning.
27				Strategy A1b)2 Manage Data so it is available for analysis.	Data summaries have been prepared and complete emission inventory data is available on the MPCA Environmental Data Access Website.	Kohlasch	Data summaries have been prepared and complete emission inventory data for emission years 1999 and 2002 are available on the MPCA Environmental Data Access Website.
28				Strategy A1b)2 Reduce power plant emissions.	Reduction proposal has been received from MN Power. Development of modifications to CAIR FIP underway.	Seha / Thornton / Seltz	CAIR implementation modifications have been placed on hold. An additional reduction proposal was received for a major Minnesota Power generating station (Boswell 3) and Rochester Public Utility.
29				Strategy A1b)2 Set a positive example to measurably reduce vehicle pollution through the purchase of a cleaner vehicles/fuels and supporting commuting and other travel choices to reduce vehicle pollution.	Governor's executive orders tracked and complied with. Agency subsidizes transit passes and bicycle commuting.	Moeger	Governor's executive orders tracked and complied with Agency subsidizes transit passes and bicycle commuting.

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30				Strategy A1b)3 Conduct Evaluations/Analyze Data.	Data is available and is being used in various reports.	Kohlasch	Data is available and is being used in various reports.
31				Strategy A1b)3 Diesel Generators.	EPA announced intention to regulate new generators. Air Policy Forum decided to track emissions from existing generators rather than regulate at current time.	Thornton / Seltz	No change. We have not yet reviewed emissions growth.
32				Strategy A1b)3 Increase public awareness about mobile sources of pollution and steps citizens can take to improve air quality.	Activity: Coordinate living green expo volunteers. 260 people volunteered to help at the LGE.	Palmer	260 people volunteered at the 2006 LGE.
33				Strategy A1b)3 Increase public awareness about mobile sources of pollution and steps citizens can take to improve air quality.	MPCA continues to sponsor State Fair presence and the Living Green Expo. Low sulfur diesel adopted early by metro transit buses.	Patraw	MPCA sponsored Living Green Expo again in 2006. Also, for the first time, initiated the Eco-experience building at the State Fair. Over 350,000 fair visitors toured the exhibits at the building.
34				Strategy A1b)4 Provide Information to internal and external users.	Emissions data is available on the MPCA EDA website. Report is published each April 1 for the Legislature.	Kohlasch / Hoff	Emissions data is available on the MPCA EDA website. Report is published each April 1 for the Legislature.
35				Strategy A1b)4 Increase public awareness about mobile sources of pollution and steps citizens can take to improve air quality.	Is this a duplicate? Yes	Patraw	Duplicate. See line 33.
36				Strategy A1b)5 Determine appropriate actions to reduce impacts from fine particulates.	Ongoing, draft and upcoming federal criteria documents reviewed as necessary	Burman	Ongoing. Reviewed draft federal criteria documents for revised standard, impacts from estimated direct emissions of fine particulates incorporated into AERA.
37	Vision 1: Clean and Clear Air	Goal A1: Minnesota's outdoor air quality will meet or improve upon all environmental and human health-related federal and state ambient air quality standards.	Objective A1c) By December 31, 2010, reduce overall emissions in Minnesota of pollutants that contribute to ozone formation by 30 percent from 2000 levels.	Strategy A1c)1 Clean Air Minnesota.	MPCA has continued to participate with CAM to explore the cause of ozone and PM pollution. MPCA has contributed to modeling and quantification of the problem.	Thornton / Seltz	Ongoing. MPCA continues to work with CAM. The focus is now more on particulate reductions.
38				Strategy A1b)1 Reduce ozone and fine particulate emissions in partnership with organizations such as Clean Air Minnesota and the Twin Cities Coalition through cooperative and voluntary efforts.	MPCA and CAM developed major new diesel bus retrofit program.	Moeger	No change.

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39				Strategy A1c)3 Conduct Evaluations/Analyze Data.	Data is available and is being used in various reports.	Biewen / Hoff / Strassman	Emissions data is available on the MPCA EDA website. Report is published each April 1 for the Legislature.
40				Strategy A1c)4 Report information required by the Consolidated Emission Reporting Rule-40 CFR Part 51.5.	MPCA completed submittal for 2003 emission inventory data by May 31, 2005.	Kohlasch	MPCA completed submittal for 2004 emission inventory data by May 31, 2006.
41				Strategy A1c)4 Provide Information to internal and external users.	Emissions data is available on the MPCA EDA website.	Kohlasch	MPCA will have an electronic Air Quality Index put up on the outside of the MPCA building in 2007.
42				Strategy A1c)5 Conduct Evaluations related to photochemical modeling.	ongoing - participation with CenSARA, CaM, LADCO. (Reg Haze, PM2.5, and O3).	Burman	Continue to participate with CAM, updated regional modeling, using 2002 as baseline year for emissions.
43	Vision 1: Clean and Clear Air	Goal A2: Minnesota's outdoor air quality will meet environmental and human health benchmarks for toxic and other air pollutants.	Objective A2a) By December 31, 2010, reduce measured ambient concentrations of air toxics to levels below health benchmarks.	Strategy A2a)1 Collect Data.	Ambient air monitoring networks to measure air toxics were fully operational during FY05.	Strassman / Fenlon / Derfus	Ambient air monitoring networks to measure air toxics were fully operational during FY06.
44				Strategy A2a)1 Participate in Region-wide effort to improve air toxics data intercomparability by analyzing inter-lab exchange samples and by providing input to the methods improvement team.	MPCA participated in the Regional inter-lab program.	Schmiechen / Fenlon	MPCA participated in several inter-lab performance tests coordinated by Region 5 staff during FY06. Results were discussed during regional calls and corrective action taken as needed. MPCA also shared results with Region 5 regarding methods development efforts for the analysis of acrolein.
45				Strategy A2a)1 By October 1, 2003, Implement New Air Toxics Review Practices.	This has been completed. Now using new air toxics review practices.	Sandberg	Continuing to use the new practices that were developed and have initiated some modifications through process improvement efforts.
46				Strategy A2a)2 Make air toxics data available to EPA and contract analysts by submitting to AQS database.	All FY05 air toxics data was submitted to the AQS database.	Kohlasch	All FY05 air toxics data was submitted to the AQS database.

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47				Strategy A2a)2 Manage Data so it is available for analysis.	Air Toxics Emission Data is available and is being presented in various reports.	Kohlasch	Air Toxics Emission Data is available and is being presented in various reports and is available on the MPCA EDA website.
48				Strategy A2a)2 By December 1, 2004, Develop Agency Air Toxics Program and Schedule of Implementation.	The agency new source toxics review program continues (AERA). Specific improvements related to emissions characterization and other elements are in process. A statewide risk evaluation tool is under review by both EPA and MPCA.	Thornton / Seltz	The agency new source toxics review program continues (AERA). Enhancements have been added to improve useability. Other improvements are scheduled.
49				Strategy A2a)3 Conduct Evaluations/Analyze Data.	Five-year state wide air toxics monitoring project data analysis completed.	Hoff	Airport, Richfield, Mpls monitoring studies updated and shared with interested parties.
50				Strategy A2a)4 Provide Information.	5-year Statewide Air Toxics study report completed, published and presented to various audiences.	Hoff	Toxics monitoring project report presented to multiple audiences in 05-06-07; Technical bulletin published.
51				Strategy A2a)7 Determine appropriate actions to address impacts from air toxic emissions.	Implementation of AERA ongoing, participating on environmental review and permitting teams.	Burman	Use of AERA continues for review of impacts from point sources. Review of process and improvements continue.
52				Strategy A2a)8 Provide technical assistance to understand exposure to air emissions and possible resulting effects.	ongoing, Peer review initiated April 2005, all comments received nova 2005.	Burman	MPCA responded to comments received from peer reviewers. Executed contract with developer to address specific items.
53	Vision 1: Clean and Clear Air	Goal A2: Minnesota's outdoor air quality will meet environmental and human health benchmarks for toxic and other air pollutants.	Objective A2b) Reduce risks to humans and the environment by continually meeting all federal and state air toxics control technology standards.	Strategy A2b)1 Determine Compliance-one activity under this is to conduct 100 statewide asbestos/demolition inspections per year.	The Agency completed 100 statewide demolition/asbestos inspections. Future asbestos program analysis is planned for the coming year to determine the most efficient and effective use of resources.	Weakley	The agency completed 75 statewide demolition/asbestos inspections. Staffing shortages/training of new staff kept inspection numbers below goal.
54				Strategy A2b)2 Determine Appropriate Actions.	Appropriate follow-up actions were taken in 28% of the inspections.	Weakley	Appropriate follow-up actions were taken in 9% of the inspections.

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55	Vision 1: Clean and Clear Air	Goal A3: Minnesota takes responsibility for reducing its share of air pollutants generated in the state that have regional, national and global impacts.	Objective A3a) By December 31, 2005, reduce mercury emissions from all Minnesota sources by 70 percent from 1990 levels in order to reduce air deposition to surface waters.	Strategy A3a)1 Collect Data.	In 2005 the MPCA completed work on a \$200,000 EPA GLAD grant to better understand Hg emissions from land-applied wastes, and initiated a new study with \$75,000 of state funds, to quantify Hg emissions from beneficial use of coal ash. In addition, the MPCA continued to collect data from a variety of sources to further refine its mercury emissions inventory. The 2005 update of Minnesota's inventory is at http://www.pca.state.mn.us/publications/reports .	Ned Brooks	In 2006, the MPCA continued to collect data from a variety of sources to further refine its mercury emissions inventory. The most recent update of Minnesota's inventory is at http://www.pca.state.mn.us/publications/reports . Our estimates show that this goal for 2005 was met. The MPCA has established a new reduction goal of 93% from 1990 levels. We will work with stakeholders in 2007 to establish interim goals and timelines.
56				Strategy A3a)1 Voluntary Agreements.	Initiative completed and final report has been sent to the Legislature Oct 05.	N. Brooks	Voluntary initiatives led to reductions in mercury emissions between 2000 and 2005 as reported to the legislature in October 2005. While voluntary reductions will continue, the future of this program will be considered by a stakeholder advisory group during 2007.
57				Strategy A3a)2 Provide Information.	Emissions summary published annually for Legislature.	Hoff	Our estimates show that this goal for 2005 was met. The MPCA has established a new reduction goal of 93% from 1990 levels. We will work with stakeholders in 2007 to establish interim goals and timelines.
58	Vision 1: Clean and Clear Air	Goal A3: Minnesota takes responsibility for reducing its share of air pollutants generated in the state that have regional, national and global impacts.	Objective A3b) By December 31, 2010, reduce the concentrations of mercury in fish by at least 10 percent from 2000 levels.	Strategy A3b)1 Collect data on mercury levels in Minnesota fish.	MPCA sponsored four MDN stations to quantify the atmospheric deposition of total and methyl mercury in FY05.	Hoff	MPCA sponsored four MDN stations to quantify the atmospheric deposition of total and methyl mercury in FY06-07.

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59				Strategy A3b)2 Collect data on mechanisms and pathways that enhance the conversion of various forms of mercury into methyl mercury which accumulates in fish.	EPA/state funds used for Marcell Forest methylation study, ash utilization study, stormwater and wetland methylation, and museum fish.	Hoff	EPA/State funds continued for Marcell bog methylation study; stormwater/wetland methylation, and museum fish analysis.
60	Vision 1: Clean and Clear Air	Goal A3: Minnesota takes responsibility for reducing its share of air pollutants generated in the state that have regional, national and global impacts.	Objective A3c) By December 31, 2010, help reduce the greenhouse gas intensity (net emissions per dollar GDP) of the U.S. economy by 18 percent.	Strategy A3c)1 Greenhouse Gas Emission Inventory.	Emission inventory improvements continue. Inventory has been updated to 2002.	Thornton / Seltz	Emission inventory enhancements continue. We have begun a process improvement program to integrate the inventory with our other inventory efforts.
61				Strategy A3c)2 Environmental Monitoring Research.	Legislative proposal developed with the U of M and others failed.	Thornton / Seltz	This proposal was enacted by the last legislature. Implementation continues.
62				Strategy A3c)3 Emission Credit Tracking.	Staff are working with LADCO workgroup to develop regional emission registry proposal by late 2006.	Thornton / Seltz	Staff are now working with other states to develop a multistate registry. A draft for internal review was finished in November 2006.
63	Vision 1: Clean and Clear Air	Goal A3: Minnesota takes responsibility for reducing its share of air pollutants generated in the state that have regional, national and global impacts.	Objective A3d) By December 31, 2014, reduce visibility impairment in Voyageurs National Park and the Boundary Waters Canoe Objective Area Wilderness by 20 percent.	Strategy A3d)1 Regional Planning.	Significant resources have been devoted to developing RH SIP and working with CenRAP and LADCO to develop emission inventory, BART process, and modeling framework for SIP due in late 2007. MN is participating in a MN/MI Class I workgroup.	Thornton / Seltz	Significant resources have been devoted to developing RH SIP and working with CenRAP and LADCO to develop emission inventory, BART process, and modeling framework for SIP due in late 2007. MN is co-leading a MN/MI Class I workgroup.
64				Strategy A3d)2 Determine appropriate actions that will support the Regional Haze State Implementation Plan.	Participating with CenSARA work groups, coordinating with LADCO.	Burman	Participating with CenSARA work groups, coordinating with LADCO.
65	Vision 2: Clean, Fishable and Swimmable Surface Waters	Goal W1: Assess the chemical, physical and biological integrity of lakes, streams and wetlands to identify if designated uses are being met, and to provide information on the condition of waters	Objective W1a) By December 31, 2014, gather water quality data and increase assessment of streams and rivers to 33 percent, in comparison to the 2003 level of 5 percent.	Strategy W1a)1 Collect Data to determine the condition of rivers & streams.	175 comprehensive stream monitoring was conducted on the Rainy and Red Basins in 2005. 39 wetlands were sampled in 2005 for IBI development.	Reetz	201 comprehensive stream monitoring sites were sampled on the St. Croix, Rainy and Red Basins in 2006. The state-wide total for streams are up to to 10% assessed.

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66				Strategy W1a)1 Implement technology at a pace and level that deliver maximum benefit for the objective.	1) Completed a Web-enabled online citizen stream monitoring reporting system. 2) Completed WQ-WET web application to enable more efficient and accurate data entry into STORET 3) Completed an online mapping tool to assist MPCA staff in determining use support for streams 4) Developed mapping tool to assist Regional Division staff in scheduling TMDL projects.	Meyer	1) Improved Citizen Stream monitoring program online reporting systems; 2) Migrated data from Legacy STORET to modern STORET; 3) Worked with EPA to streamline integrated reporting submittal and review process.
67				Strategy W1a)2 Manage Data so it is available for analysis.	Ambient WQ data is being entered into STORET and is available on the MPCA's EDA website.	Kohlasch	Ambient WQ data is being entered into STORET and is available on the MPCA's EDA website.
68				Strategy W1a)3 Provide Information.	Internal and external parties can access Minnesota WQ data on the MPCA's EDA website.	Kohlasch	Internal and external parties can access Minnesota WQ data on the MPCA's EDA website.

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69				Strategy W1a)4 Develop Partnerships.	The assessment process for the 2006 cycle was conducted in early 2005 and it reinforced interagency partnerships by involving in the preliminary assessment review discussions staff from each of the major external agency data contributors. Extra assessment discussion meetings of agencies active in monitoring the Mississippi River border waters were held.	Chirhart / Gernes / Hotka	Some examples of partnerships to support more waters assessed: In addition to involving staff in other water agencies in reviewing preliminary assessments based on their contributed data, MPCA oversight is designed to improve the likelihood that volunteer monitoring organizations funded through the Clean Water Legacy Act will collect data that is properly designed for use in assessments. The agency has developed both a formal MOA, and productive partnerships among staff, who meet regularly, with the Minnesota Department of Agriculture. This relationship has helped to tailor pesticide monitoring to provide information for assessments on more streams.
70				Strategy W1a)5 Program Development.	Monitoring Strategy completed and approved by EPA.	Hoff	Monitoring Strategy completed and approved by EPA.
71	Vision 2: Clean, Fishable and Swimmable Surface Waters	Goal W1: Assess the chemical, physical and biological integrity of lakes, streams and wetlands to identify if designated uses are being met, and to provide information on the condition of waters.	Objective W1b) By December 31, 2014, gather water quality data and assess 100 percent of the lakes larger than 500 acres.	Strategy W1b)1 Implement technology at a pace and level that deliver maximum benefit for the objective.	1) Developed mapping tool to assist Regional Division staff in scheduling TMDL projects.	Meyer	1) Worked with TMDL program to identify data management needs for program growth; 2) Implemented phosphorus trading program to encourage reduction of phosphorus loading to Minnesota waters.

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72				Strategy W1b)2 Manage Data so it is available for analysis.	Lake monitoring data collected by the MPCA, our partners, and by citizens through the Citizens Lake Monitoring Program (CLMP), is stored in STORET and is made available for use on the MPCA's Environmental Data Access Website.	Kohlasch	Lake monitoring data collected by the MPCA, our partners, and by citizens through the Citizens Lake Monitoring Program (CLMP), is stored in STORET and is made available for use on the MPCA's Environmental Data Access Website.
73				Strategy W1b)4 Collect water quality data on all lakes over 500 acres.	Citizen lake Monitoring Program (CLMP) continues to expand. About 40 lakes per year are sampled, with including some lakes > 500 acres.	Hall	CLMP grew 7.5% during the year. Collection of data on Minnesota Lakes has increased with new State funding, July 1, 2006. Minnesota will participate in the 2007 National Lakes Survey.
74	Vision 2: Clean, Fishable and Swimmable Surface Waters	Goal W1: Assess the chemical, physical and biological integrity of lakes, streams and wetlands to identify if designated uses are being met, and to provide information on the condition of waters.	Objective W1c) By December 31, 2014, gather data and increase assessment to 25 percent of the state's depressional wetlands, in comparison to the 2003 level of 0 percent.	Comprehensive Wetland Assessment, Monitoring, and Mapping Strategy.	175 comprehensive stream monitoring was conducted on the Rainy and Red Basins in 2005. 39 wetlands were sampled in 2005 for IBI development.	Helwig / Hora	Aerial imagery on 1800 randomly picked one square mile plots were taken.

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75	Vision 2: Clean, Fishable and Swimmable Surface Waters	Goal W1: Assess the chemical, physical and biological integrity of lakes, streams and wetlands to identify if designated uses are being met, and to provide information on the condition of waters.	Objective W1d) By December 31, 2008, assess Minnesota's contribution to identified regional, national and international water pollution problems.	Strategy W1d)1 Develop a plan to assess MN contribution via waters leaving the state.	Preliminary plan developed to coincide with monitoring/assessment of hypoxia and interstate cooperative efforts.	Kohlasch	Lack of funding has delayed putting into place the inter-state and inter-regional coordinative mechanisms that are necessary to ensure that water monitoring data collected throughout the Mississippi Basin is compatible and useable. In the meantime, however, Minnesota is positioning itself well by taking the preliminary steps for a comprehensive program of flow and chemistry monitoring for the outlets of all the major river basins in the state; this will allow the calculation of current nutrient loadings and trends over time. Current state funding is sufficient for putting into place monitoring stations for approximately one-third of the basin outlets; the remainder will be phased in as resources permit.
76	Vision 2: Clean, Fishable and Swimmable Surface Waters	Goal W1: Assess the chemical, physical and biological integrity of lakes, streams and wetlands to identify if designated uses are being met, and to provide information on the condition of waters.	Objective W1e) Ensure data is readily available to the public within one year of season it is collected.	Strategy W1e)1 Manage Data so it is available for analysis.	Ambient WQ data is being entered into STORET and is available on the MPCA's EDA website.	Kohlasch	Ambient WQ data is being entered into STORET and is available on the MPCA's EDA website.
77				Strategy W1e)2 Provide Information to internal and external users.	Internal and external parties can access Minnesota WQ data on the MPCA's EDA website.	Kohlasch	Internal and external parties can access Minnesota WQ data on the MPCA's EDA website.

1	Vision Name	Goal Name	Objective Name	Strategy Name	FY 05 Progress	FY 05 Contact	FY 06 Progress
78	Vision 2: Clean, Fishable and Swimmable Surface Waters	Goal W1: Assess the chemical, physical and biological integrity of lakes, streams and wetlands to identify if designated uses are being met, and to provide information on the condition of waters.	Objective W1f) Complete impaired waters list according to EPA requirements.	Strategy W1f)1 Conduct Evaluations/Analyze Data.	305b/303d Assessments completed, impaired waters list prepared and data entered into EPA Assessment Database by 4/1/04 due date. 2006 reporting cycle assessments completed and on-track for 4/1/06 deadline.	Hoff / Helwig	305b/303d Integrated Report completed and sent to EPA on 6/29/06.
79				Strategy W1f)2 Provide Information.	305b/303d Integrated Report completed by 4/1/04 due date. 2006 report preparation underway.	Helwig / Hoff	305b/303d Integrated Report completed and sent to EPA on 6/29/06.
80	Vision 2: Clean, Fishable and Swimmable Surface Waters	Goal W2: Maintain and enhance the chemical, physical and biological integrity of Minnesota lakes, streams and wetlands so that water quality standards and designated uses are met and degradation is prevented.	Objective W2a) By December 31, 2005, ensure that discharges from all permitted point sources are in significant compliance with state and federal limits 95 percent of the time for major facilities and 90 percent of the time for regular facilities.	Strategy W2a)1 Reduce the Backlog of Major NPDES Permits.	Current permit backlog for major facilities is 7.9%.	Turri/ J.Smith/ Stollenwerk	Current permit backlog for major facilities is 10%. Currently we issue approximately 75% of the permits within 180 days.
81				Strategy W2a)1 Reduce regular facilities permit backlog to 28% by 12/31/03;achieve/maintain permit backlog at or below 25% by 12/31/04; and increase the percentage of permit applications that are "in house" for less than 180 days from 9.4% to 90% by 12/05.	Current permit backlog for minor facilities 7.9%. Maintained backlog at <10% for over one year. Currently we are issuing approximately 80% of the permits within 180 days.	Hanson / Turri	Current permit backlog for non-major facilities is 20%. However, 50% of these are facilities covered under an expired general permit (MNG49 - sand and gravel). This general permit just came off of public notice and is anticipated to be final issued by January 15, 2007. Following that, the permit backlog will return to <10%. Currently we issue approximately 75% of the permits within 180 days.
82				Strategy W2a)12 At the Customer Assistance Center, manage customer inquiries regarding interpretation of state rules, as well as administrative issues relating to water quality permits.	Customer Assistance Center managed 1,542 inquiries.	Karn	Contact Roger Karn 651 296-7287.

1	Vision Name	Goal Name	Objective Name	Strategy Name	FY 05 Progress	FY 05 Contact	FY 06 Progress
83				Strategy W2a)2 Annually inspect 100% of EPA NPDES major facilities. Resolve noncompliance discovered during inspections and review of submittals.	FFY 05 completed 98% of Major inspections (2 not completed). Resolved non-compliance in accordance with MPCA Enforcement Response Plan.	Scheirer / Lockwood (Goldsmith)	FFY06 - For Municipal facilities 100% were inspected. Non-compliance was resolved in accordance with the MPCA Enforcement Response Plan. For industrial #s contact Beth Lockwood 651 297-7570 or Leslie Goldsmith 651 297-8368.
84				Strategy W2a)2 Conduct compliance management activities at regular facilities to maintain significant compliance at or above 90% beginning 7/1/03.	FFY 05 minor significant compliance rate =92%.	Scheirer / Lockwood (Goldsmith)	FFY06 - Minor Municipal compliance rate = 93%. For industrial #s contact Beth Lockwood 651 297-7570 or Leslie Goldsmith 651 297-8368.
85				Strategy W2a)3 Provide financial and technical assistance through the State Project Priority List (PPL), Revolving Fund (SRF) and Wastewater Infrastructure (WIF) Programs to maintain and improve publicly owned wastewater treatment facilities.	In addition to providing the technical and financial assistance described, the MPCA also revised Minn. Rules Chapter 7077, thus refining the process through which proposed infrastructure projects are scored and ranked to more accurately reflect environmental priorities.	Turri / Priebe	Rule revisions for Minn. Rules Chapt. 7077 have been implemented with a reranked Project Priority List for FY 07. In addition, new financial and technical assistance programs have been initiated through Clean Water Legacy including Phosphorus, TMDL and small community assistance.
86				Strategy W2a)5 Provide technical assistance to the permit writers in the REM and MAR Divisions.	On track for this objective.	Hora	Contact Marvin Hora 651 296-7201.
87				Strategy W2a)6 Provide training.	On track for this objective.	Ikeda	Contact Charles Thompson 651 296-8466.
88				Strategy W2a)9 Monitor and Assess compliance with permit conditions and regulations.	On track for this objective.	Thornton / Goldsmith	Initiated comprehensive annual review and reporting of DMR submittal and effluent limit compliance data. Next step (currently in process) is the development of a systematic response strategy for identified issues.

1	Vision Name	Goal Name	Objective Name	Strategy Name	FY 05 Progress	FY 05 Contact	FY 06 Progress
89	Vision 2: Clean, Fishable and Swimmable Surface Waters	Goal W2: Maintain and enhance the chemical, physical and biological integrity of Minnesota lakes, streams and wetlands so that water quality standards and designated uses are met and degradation is prevented.	Objective W2b) By December 31, 2006, prevent 1.2 million tons of sediment from reaching surface waters annually from construction activities in comparison to an estimated 2003 level of 600,000 tons.	Strategy W2b)1 At the Customer Assistance Center, manage customer inquiries regarding interpretation of state rules, as well as administrative issues relating to storm water construction permits.	The Customer Assistance Center managed 1,190 inquiries.	Karn / Palmer	The Customer Assistance Center managed 1,245 inquiries.
90				Strategy W2b)2 Efficiently and effectively complete a storm water design.	Stormwater Leadership and a Stakeholder Design Teams were formed to develop strategies and objectives. Leadership developed a new detailed program work plan and the design team developed a final report; A Statewide Stormwater Steering Committee was formed with several subcommittees to vet strategies, policy, and objectives from a wide range of stakeholders.	Jakes/ Thompson	The Stormwater Steering Committee (SSC) met quarterly. The SSC completed the widely used Minnesota Stormwater Manual and training about 1,000 people on its use. Active SSC working groups included Education, Watershed Based Stormwater Management, Low Impact Development, and others.
91				Strategy W2b)3 Implement technology at a pace and level that deliver maximum benefit for the objective.	Developed first on-line permit application system and electronic construction inspection documentation software that feeds the agency data base.	Jakes/ D. Thompson	The on-line application performed well; analysis began on why it wasn't more widely used. A new marketing plan has been developed.
92				Strategy W2b)3 Develop partnerships with construction and municipal storm water stakeholders for storm water implementation.	Joint Powers Agreements implemented with 10 LGUs completing 650 site inspections along with compliance assistance and enforcement (period FFY 05).	D. Thompson / Jakes	JPA Partner inspections for 2005 were 2103 and 3326 for 2006. To date 18 cases have been referred for elevated enforcement.
93				Strategy W2b)4 Issue Permits for construction projects and municipal storm water permits.	Construction general permit coverage extended to 2599 projects; seeking to increase use of on-line permit application process. Municipal general permit noticed, changes negotiated; re-issuance projected Jan. 2006.	D. Thompson / Jakes	The MPCA Board adopted the MS4 general permit in Feb. 2006; it took effect June 1. Construction permit coverage extended to 3,040 projects in FFY06, plus 626 subdivisions.

1	Vision Name	Goal Name	Objective Name	Strategy Name	FY 05 Progress	FY 05 Contact	FY 06 Progress
94				Strategy W2b)8 Review Manure Management Plans to ensure BMPs are incorporated with the land application techniques used.	On track for this objective.	Finley	Manure Management Plans for most of the NPDES permitted sites were reviewed with permit applications. Now we are emphasizing inspection of producer records.
95	Vision 2: Clean, Fishable and Swimmable Surface Waters	Goal W2: Maintain and enhance the chemical, physical and biological integrity of Minnesota lakes, streams and wetlands so that water quality standards and designated uses are met and degradation is prevented.	Objective W2c) By December 31, 2005, ensure that feedlots with NPDES permits meet state and federal requirements 90 percent of the time.	Strategy W2c)1 Inspect all NPDES facilities once by June 30, 2005.	All NPDES feedlots have been inspected at least once.	Jacobs / Logan / Mezner / Zigler/Finley	All NPDES have been inspected at least once.
96				Strategy W2c)2 Establish ongoing inspection Program.	Program has been developing a compliance evaluation matrix that will guide further development of the inspection program.	Finley	850 inspections completed; compliance evaluation is nearing completion.
97				Strategy W2c)4 Implement technology at a pace and level that deliver maximum benefit for the objective.	1) WQ Delta feedlot enhancements and maintenance 2) List of "To Be Issued" NPDES/SDS permits on PCA Web site.	Meyer	Improved WQ Delta feedlot registration application.
98	Vision 2: Clean, Fishable and Swimmable Surface Waters	Goal W2: Maintain and enhance the chemical, physical and biological integrity of Minnesota lakes, streams and wetlands so that water quality standards and designated uses are met and degradation is prevented.	Objective W2e) By December 31, 2004, develop and implement an evaluation system for measuring progress in attaining basin/watershed goals.				
99				Strategy W2e)2 Conduct Evaluations/Analyze Data.	On track for this objective.	Haapala	The Water Quality Planning Cycle process was designed in 4th quarter 2004 and implemented in January 2005. Evaluation of the Cycle was completed in December 2006.

1	Vision Name	Goal Name	Objective Name	Strategy Name	FY 05 Progress	FY 05 Contact	FY 06 Progress
100				Strategy W2e)2 Implement the Watershed Approach.	The PCA reorganization in September 2004 focused the Regional Division role in basin management. The Division implemented this role by developing the biennial Water Quality Planning Cycle, clarifying the role of Basin Managers and improving coordination among Regional Division operations and among the PCA Divisions. Also, the St. Croix Basin pilot project has been developed to test basin management solutions for broader state-wide application.	Haapala/ Ziegler	The Regional Division continues to implement basin planning and management, completing biennial Water Quality Planning Cycle #1 in June 2005. The process resulted in 10 priority assignments. The Division is developing a Division Work Plan from 8 activity work plans, under the framework of basin planning and management, by May 2007. The Division is also completing evaluation of WQP Cycle #1 and will determine by early 2007 whether to embark on Cycle #2, with adjustments, to be completed by June 2007, setting priorities for the next biennium work plans. Finally, The Clean Water Legacy Act, passed by the Minnesota Legislature in 2006, provided policy needed for increased State funding for restoration and protection of surface waters. The MPCA and its counterpart State Agencies and Regional Division have been busy planning and mobilizing to complete an increased water quality project workload funded from the 2006 budget appropriation.

1	Vision Name	Goal Name	Objective Name	Strategy Name	FY 05 Progress	FY 05 Contact	FY 06 Progress
101				Strategy W2e)3 Conduct an evaluation of trends in streams and wetland condition.	Random condition sampling occurred in the St Croix basin in 1996. It will be sampled for the 2 time in 2006 to help determine trends. A wetland monitoring strategy to determine condition and trends has been drafted.	Hora / Helwig	Random condition sampling occurred in the St Croix basin in 1996. It was sampled for the 2nd time in 2006 to help determine trends. Approximately 20 wetlands are being periodically monitored to determine trends in condition. The state-wide monitoring strategy will produce trends in quantity and quality in the second round of a 3 year sampling program by 2012.
102				Strategy W2e)3 Develop workplans using watershed approach.	In the past year, a new basin management work planning framework was implemented at the MPCA so that basin information influences program and staff workplans.	Ziegler	Work needs to continue on the basin management workplanning framework. The connection from basin management to program and individual workplans is not strong nor is it spread across all programs and units. The planning cycle process will facilitate further development of those connections. The basin coordinators are also continuing to develop those connections by working with the supervisors and the planning cycle process.
103	Vision 2: Clean, Fishable and Swimmable Surface Waters	Goal W2: Maintain and enhance the chemical, physical and biological integrity of Minnesota lakes, streams and wetlands so that water quality standards and designated uses are met and degradation is prevented.	Objective W2f) By February 1, 2005, improve understanding of phosphorus loading in Minnesota by identifying the amounts and sources of phosphorus entering state waters and develop strategies for reducing phosphorus loads.	Strategy W2f)2 Conduct Evaluations/Analyze Data.	A report identifying amounts and sources of phosphorus entering state waters was completed in February 2004. The agency is in the process of developing strategies for reducing phosphorus loads through NPDES permits, TMDLs and rule changes.	Gross	We intend to adopt a 1 mg/L TP limit for all point source dischargers above a de minimus size in the current triennial review. The 2004 phosphorus study was updated in 2006 to tell us what the effect of the proposed rule change would be. We also in the process of adopting nutrient criteria for lakes as part of this rulemaking.

1	Vision Name	Goal Name	Objective Name	Strategy Name	FY 05 Progress	FY 05 Contact	FY 06 Progress
104	Vision 2: Clean, Fishable and Swimmable Surface Waters	Goal W2: Maintain and enhance the chemical, physical and biological integrity of Minnesota lakes, streams and wetlands so that water quality standards and designated uses are met and degradation is prevented.	Objective W2g) By December 31, 2005, and every 3 years thereafter, review Minnesota's water quality standards to incorporate changes to the standards to reflect current science and information.	Strategy W2g)1 Develop partnerships with stakeholders.	Draft rule language has been completed and a draft SONAR is being prepared.	Hora / Gross	Draft rule language was completed and put into the proper format. The SONAR was drafted. It is being put into the proper format.
105				Strategy W2g)4 Provide Technical Assistance.	Specialized staff assistance provided to triennial standards review process.	Hoff	Specialized staff assistance provided to triennial standards review process.
106	Vision 2: Clean, Fishable and Swimmable Surface Waters	Goal W3: Restore the chemical, physical and biological integrity of Minnesota lakes streams and wetlands that do not support designated uses.	Objective W3a) Complete TMDL studies within 13 years of initial listing.	Strategy W3a)1 Support TMDL listing process.	Working toward but need long term funding source.	Sleeper	Have met goal to date. Working on long term funding.
107				Strategy W3a)1 Submit TMDLs for EPA approval.	Program is meeting commitments to EPA; ability to undertake TMDL studies so that 15 year schedules are met is problematic due to insufficient funding.	Sleeper	We have met our commitments to date, though believe that a back log is forming. Passage of the Clean Water Legacy Act and one year funds allowed MPCA to fund 10 projects. We continue to work with the legislature, the administration and stakeholders on securing permanent funding so that we can eliminate the backlog.
108	Vision 2: Clean, Fishable and Swimmable Surface Waters	Goal W3: Restore the chemical, physical and biological integrity of Minnesota lakes streams and wetlands that do not support designated uses.	Objective W3b) Within one year of EPA approval of each TMDL study, implementation plans will be approved and initiated.	Strategy W3b)1 Project manager forms team of local partners and stakeholders to initiate plan development.	All implementation plans have been completed within one year of EPA approval.	Regional Mgrs.	Have met goal 100%.

1	Vision Name	Goal Name	Objective Name	Strategy Name	FY 05 Progress	FY 05 Contact	FY 06 Progress
109				Strategy W3b)3 Provide incentives and assistance for TMDL implementation plans to be completed.	On track for this objective.	Sleeper	The availability of Clean Water Legacy Act Funds is ensuring that implementation plans are completed in one year or less.
110	Vision 3: Land Supports Desired Uses	Goal L1: Reduce or eliminate the use of environmentally harmful substances in manufacturing products or delivering services.	Objective L1a) By December 31, 2004, develop a plan and process for identifying stewardship opportunities for products or services that use or create materials which cause environmental damage during production, use or disposal.	Strategy L1a)1 Beneficial Use.	In 2004 MPCA staff began implementing the newly revised solid waste beneficial use rules. As of 12/07/05 staff have issued thirty three approvals, twenty five case specific beneficial use determinations (CSBUD) and eight Demonstration / Research Projects (DRP). The approvals that have been issued to date allow the beneficial use of 186,618 tons of industrial waste that would otherwise be sent to an industrial waste landfill.	Strack and Lungstrom	In 2004 MPCA staff began implementing the newly revised solid waste beneficial use rules. As of 12/ 18 / 06 staff have issued thirty six approvals, twenty six case specific beneficial use determinations (CSBUD) and ten Demonstration / Research Projects (DRP). The approvals that have been issued to date allow the beneficial use of 148,540 tons of industrial waste that would otherwise be sent to an industrial waste landfill.
111				Strategy L1a)1 Decrease the amount of mercury schools release to the environment (Mercury-Free Zone Program).	to date the MFZ program has removed over 1000lbs. of Hg, enrolled approx. 500 schools, assessed 170 schools for Hg, and educated nearly 17,000 students, teacher & adults to Hg dangers and the abilities of Clancy the Hg dog. Inventory of replacement equipment for participating schools is contained in the LSI end-of-year report to EPA's Uylaine Barringer.	Connell	In 2006 alone the MFZ program had the following accomplishments. Mercury Collected = 22.56 lbs Pledges Signed = 24 Number Educated = 5830 Schools Assessed = 26

1	Vision Name	Goal Name	Objective Name	Strategy Name	FY 05 Progress	FY 05 Contact	FY 06 Progress
112				Strategy L1a)2 Reduce the impact hazardous wastes have on the Lake Superior Basin (Hazardous Waste Lake Superior Initiative).	LSI program distributed 145 coupons worth \$25 each to VSQGs for hazardous waste disposal to help bring them into WLSSD's Clean Shop Program. \$3,303 worth were redeemed. The Abandoned Waste Program paid out \$467 for disposal of abandoned waste in the LS Basin; including 721 lbs. of PCB ballasts. LSI purchased 195 Hg thermostat recycling bins from the TRC at \$15 each to be distributed. MPCA LaMP thermostat swap exchanged over 200 Hg models for digital models filling 1& 2/3 TRC bins. 28 "Entering the Lake Superior Basin" road signs were purchased for future placement on major roads entering the basin. See the LSI end-of-year report to EPA's Uylaine Barringer for details on all of the above.	Hanson	Contact Suzanne Hanson 218 723-4665.
113	Vision 3: Land Supports Desired Uses	Goal L1: Reduce or eliminate the use of environmentally harmful substances in manufacturing products or delivering services.	Objective L1b) By December 31, 2004, develop and implement a plan for identifying pollution prevention opportunities from industries currently needing air, water or waste permits to reduce discharges below permit thresholds.	Strategy L1b)1 Design regulatory programs that incorporate pollution prevention.	Six Sigma Discovery Team focused on improved strategic integration of pollution prevention approaches throughout Agency programs to achieve environmental goals/objectives. EPA Pollution Prevention Grant funded a suite of pilot projects incorporating pollution prevention methods and evaluating project/environmental outcomes, including, Multi-media pollution prevention inspections conducted in 3 hospitals. The Performance Track initiative brought in 3 new members + 2 new applicants. PT member results (cumulative and corrected for production changes): Hazardous waste/reduction - 16,910 lbs; Waste or by-product/reduction - 32,131 tons; Certified sustainable materials used/increased - 246,854 tons (forest products); Habitat/restoration - 1 acre. Established process for review of pollution prevention integration opportunities (via technical liaison appointments to Air Land and Water policy forums).	Cera / Hilmoe	P2 Tools Initiative identified areas within business operations and grant program management for improvement and developed new protocols and tools to ensure prevention projects could produce and utilize measureable results in response to program priorities and Agency strategic plan objectives. Demonstration projects were designed to review a variety of prevention integration approaches and innovations: technical assistance, technical diffusion, community based social marketing, performance measurement planning through logic modeling, environmental results program and multimedia inspections. Full results are provided in separate final report.

1	Vision Name	Goal Name	Objective Name	Strategy Name	FY 05 Progress	FY 05 Contact	FY 06 Progress
114	Vision 3: Land Supports Desired Uses	Goal L2: Minimize or reduce the release of contaminants to or from the land.	Objective L2c) By December 31, 2005, manage 80 percent of available gas and 85 percent of leachate from State managed closed landfills.	Strategy L2c)3 Provide Assistance to regulated parties to help them understand and comply with storage tank regulations.	In FFY - 2005, the Tanks Program (AST & UST) provided assistance to regulated parties in the follow-area: Through inspections and on-site visits, permitting activities related to big AST permits, and direct access to the PCA's Customer Assistance Center (see #115) and WEB site.	Hanson /Dullinger /Lewis	The Tanks Program (AST & UST) continued to provide assistance to regulated parties in the follow-areas: Inspections, permitting activities related to big AST permits, and direct access to the PCA's Customer Assistance Center (see #115) and WEB site.
115	Vision 3: Land Supports Desired Uses	Goal L2: Minimize or reduce the release of contaminants to or from the land.	Objective L2f) By December 31, 2007, 80 percent of above and underground storage tanks will be in significant operational compliance.	Strategy L2f)1 At the Customer Assistance Center, manage customer inquiries regarding interpretation of statutes/rules for both above ground storage tanks and underground storages tank, as well as administrative issues relating to tanks.	The Customer Assistance Center managed 632 inquiries. The percentage of compliance with Significant Operational Compliance for Above ground tanks for FY05 was 76%. The compliance for underground storage tanks was 64%. Combined=66%.	Karn / Palmer	The Customer Assistance Center managed 484 inquiries.
116				Strategy L2f)1 Determine Compliance.	537 UST inspections were completed and 118 AST inspections were completed. 179 informal and 9 informal enforcement actions were taken.	Larson / Dullinger	1186 UST and 23 AST compliance inspections were completed. 584 informal and 17 formal enforcement actions were taken. The percentage of compliance with Significant Operational Compliance for USTs was approximately 55%; ASTs was approximately 70%. Combined = 55%.
117	Vision 3: Land Supports Desired Uses	Goal L2: Minimize or reduce the release of contaminants to or from the land.	Objective L2g) By December 31, 2005, 95 percent of hazardous waste LQGs, 85 percent of SQGs and 95 percent of TSDs will be in significant compliance with applicable state and federal rules and regulations.	Strategy L2g)1 Hazardous Waste Facilities Reissue Expired TSD Permits, Innovative Permitting Approaches, TSD Facility Closure.	The percentage of compliance with Significant Operational Compliance for LOGs for FY05 was 89%; SQGs was 96% and TSDs was 83%.	Tibbetts / Silis / Henderson	Reissued 3 HW Permits in FFY 2006 with the current permit backlog now at 27%.
118				Strategy L2g)1 At the Customer Assistance Center, manage customer inquiries regarding interpretation of rules, as well as administrative issues relating to hazardous waste management.	The Customer Assistance Center managed 1,578 inquiries.	Karn / Palmer	The Customer Assistance Center managed 1,335 inquiries.
119				Strategy L2g)1 Determine Compliance- One activity under this is to conduct 80 RCRA inspections/year at SQG sites.	73 SQG inspections were conducted (slightly below the goal of 80.	Henderson	80 SQG inspection were recorded in DELTA. This met the established goal.

1	Vision Name	Goal Name	Objective Name	Strategy Name	FY 05 Progress	FY 05 Contact	FY 06 Progress
120				Strategy L2g)2 Address Hazardous Waste Policy Issues- One activity under this is to adopt priority federal hazardous waste rules needed for authorization by 12/31/04 and submit draft authorization application to US EPA by 8/31/2005.	EPA and MPCA agreed to new schedule calling for completion of the rules in 06.	Tibbetts / Richfield	The MPCA has adopted the following RCRA rules: The CAMU amendments, which included checklists #s 174, 175 and 196, became effective on 2/22/05; The UW rules, which addressed checklists 142A through 142 E, became effective 8/14/06; Uniform Manifest Rule effective very soon (Nov/Dec 2006). MPCA also has a package with 60+ amendments currently under review at EPA-5.
121				Strategy L2g)2 License and Fee HW Generators.	46 LQGs and 403 SQGs were licensed and fee'd.	Silis / Gedde	2,718 licenses have been issued to non-metro counties this year. Of those, 59 were for LQG's and 297 were for SQG's.
122				Strategy L2g)3 Ensure RCRA TSD and generator site corrective action.	During FFY '05, the RCRA Remediation Program completed the remediation of releases of hazardous waste at 7 hazardous waste Generator sites, and opened investigation at 5 new Generator release sites. During FFY '05, the RCRA Remediation Program implemented remedies (CA550) for the release of hazardous waste at 2 RCRA TSD/ISF facilities, and terminated RCRA Corrective Action (CA999) at 3 TSD/ISF facilities.	Bigelow/ Kanner	During FFY '06, the RCRA Remediation Program completed the remediation of releases of hazardous waste at 6 hazardous waste Generator sites, and opened investigation at 8 new Generator release sites. During FFY '06, the RCRA Remediation Program implemented remedies (CA550) for the release of hazardous waste at 2 RCRA TSD/ISF facilities, and terminated RCRA Corrective Action (CA999) at 1 TSD/ISF facility.

1	Vision Name	Goal Name	Objective Name	Strategy Name	FY 05 Progress	FY 05 Contact	FY 06 Progress
123				Strategy L2g)4 Inspect HW TSD's to evaluate Compliance. Take timely and appropriate enforcement action for violations at the inspected TSD's to comply with EPA's 2003 HW Civil Enforcement Response Policy or the more stringent MPCA's HW Enforcement Policy.	12 TSDs were inspected which met the EPA commitments. Of the 2 TSDs that were significant non compliers, enforcement actions were taken and both were returned to compliance.	Tibbetts/Henderson	9 TSDs were inspected by the state. This number in conjunction with the TSDs inspected by the EPA meet the EPA commitments. Enforcement actions were taken in accordance with the MPCA Enforcement Response Plan.
124				Strategy L2g)4 Implement technology at a pace and level that deliver maximum benefit for the objective.	Maintained and managed the incident management system. Conducted training for MPCA staff.	Meyer / M. Wegwart	1) Completed online reporting system to allow generators and public to obtain waste generation data; 2) modified HW DELTA to accommodate acute toxicity rules.
125				Strategy L2g)5 Inspect HW LQG's to Evaluate Compliance. Take timely and appropriate enforcement action for violations at the inspected LQG's to comply with EPA's 2003 HW Civil Enforcement Response Policy or the more stringent MPCA's HW Enforcement Policy.	35 LQGs were inspected which exceeded the EPA commitment. Of the 35 LQGs that were significant non compliers, enforcement actions with corrective actions were issued. The corrective actions have not yet been completed by the RPs.	Tibbetts/Henderson	38 LQGs were inspected by MPCA staff. In conjunction with the EPA LQG inspections the inspection goal was exceeded. Significant non compliers were identified and enforcement actions with corrective actions were issued in accordance with the MCA Enforcement Response Plan.
126				Strategy L2g)6 Monitor and Assess compliance with permit conditions and regulations.	Activity 1: Using state and federal data systems, manage and assess the data collected on Hazardous Waste Generators. Managed, collected and inputted information for the Biennial Hazardous Waste Report.	Tibbetts/Silis / Goldsmith / Abdella	RCRAInfoV3 provided all State and EPA users with many challenges. Minnesota, as a translator state, had the additional challenge of revising its translator software. We are pleased that the State succeeded in revising its software. In addition, the State completed the technical work necessary for transmitting its 2005 Biennial Report (BRS) data files to EPA in keeping with the demanding National schedule.

1	Vision Name	Goal Name	Objective Name	Strategy Name	FY 05 Progress	FY 05 Contact	FY 06 Progress
127				Strategy L2g)6 Monitor and Assess compliance with permit conditions and regulations.	See row 126.	Repeat	See row 126.
128	Vision 3: Land Supports Desired Uses	Goal L3: Restore contaminated land to productive use.	Objective L3c) By June 30 2006, complete cleanup actions consistent with applicable state and federal guidance for all state Superfund sites listed on June, 2003.	Strategy L3c)2 Make program improvements.	Superfund: 5 decision documents completed, 2 PLP sites de-listed. 6 five-year reviews completed, Construction competed at 3 sites. <u>Voluntary Cleanup Programs</u> : Completed program improvements. Information regarding response actions was made available to the public and are located on the MPCA VIC Program web page. <u>Petroleum Remediation</u> : Cleaned up over 500 sites. <u>Emergency Response</u> : Received and triaged over 2000 emergency incidents.	Kanner / Jackson, D. Nelson	Superfund: 2 decision documents completed, 2 PLP sites delisted, 5 PLP sites added, 4 five-year reviews completed; Superfund Program Plan updated, Site Assessment completed 68 site evaluations. <u>VIC</u> : 285 assurances issued, 2140 acres redeveloped; Guidance Updated for Spatial Data Collection; Improved Reimbursement procedures developed. <u>Emergency Response</u> : Evaluated over 2700 emergency incidents; Implemented program improvements for data tracking. <u>Petroleum Remediation</u> : Closed out over 630 sites; Updated guidance regarding Vapor Intrusion from Petroleum release sites.
129	Vision 4: Clean, Sustainable Groundwater Systems	Goal GW1: Assess the status or condition of Minnesota's ground water systems.	Objective GW1a) By August 1, 2004, design an ambient ground water monitoring system, including monitoring goals, network coverage and data management system in cooperation with partners. (Completed-working on the implementation now.)	Strategy GW1a)1 Collect Data.	Ambient GW monitoring network established, two years sampling data now collected for analysis and reporting.	Hoff	Ambient GW monitoring network established, three years sampling data now collected for analysis and reporting; 12,000 wells available in network, thanks to addition of new upgradient remediation wells.
130				Strategy GW1a)2 Develop Partnerships.	GW Monitoring MOA signed with Depts. of Agriculture and Health, implementation underway.	Hoff	Implementation expanding to include counties, cities, schools.
131				Strategy GW1a)3 Seek Resources.	GW Monitoring activity fully funded for 05-06 biennium.	Hoff	Funded for 06-07, in budget request for 08-09.

1	Vision Name	Goal Name	Objective Name	Strategy Name	FY 05 Progress	FY 05 Contact	FY 06 Progress
132				Strategy GW1a)4 Manage Data so it is available for analysis.	Pilot projects and EDA GW initiative underway using STORET database.	Kohlasch / Hoff	Pilot projects and EDA GW initiative underway using STORET database. Initiative to add ground water data to the Environmental Data Access Website began in summer 2006, with a target completion date of summer 2007.
133	Vision 4: Clean, Sustainable Groundwater Systems	Goal GW1: Assess the status or condition of Minnesota's ground water systems.	Objective GW1b) By December 31, 2004, implement the ambient ground water monitoring system.	Strategy GW1b)2 Manage Data so it is available for analysis.	Implementation underway, 2 years data collected for analysis.	Hoff	Implementation underway, 3 years data collected for analysis and reporting.
134	Vision 4: Clean, Sustainable Groundwater Systems	Goal GW1: Assess the status or condition of Minnesota's ground water systems.	Objective GW1c) By December 31, 2006, and every 5 years thereafter, report on ground water condition.	Strategy GW1c)1 Provide Technical Assistance.	Sampling data collected for analysis and report preparation by 12/06 timeframe.	Hora / Hoff	Draft report on schedule for completion December 06.
135	Vision 4: Clean, Sustainable Groundwater Systems	Goal GW2: Prevent or reduce degradation and depletion of ground water.	Objective GW2b) By December 31, 2006 develop area wide best management practices, in cooperation with partners, that prevent ground water degradation and depletion.	Strategy W2h)5 Increase and enhance compliance and enforcement activities in the ISTS program.	Completed 17 enforcement actions in the ISTS program during the last year. Three additional cases are pending.	Swenson	FFY 06 ISTS Enf Numbers: 106 complaints referred to LUGs; 140 compliants investigated by PCA; 1474 assistance calls; 19 inspections; 19 LOWs; 5 NOVs; 1 SOC; 15 APOs issued; \$17,461 in penalties assessed.
136	Vision 5: Well managed Organization	Goal M1: Develop and maintain a healthy, positive and productive work force.	Objective M1a) By each August 31, review and revise division recognition and communication plans.		Annual reviews / revisions accomplished.	Holck	Done.
137	Vision 5: Well managed Organization	Goal M1: Develop and maintain a healthy, positive and productive work force.	Objective M1c) By each September 30, the Human Resources Management Team will evaluate and report on the agency-wide performance management program (i.e., performance reviews, work plans, employee development plans).	Strategy M1c)1 Support and participate in Agency-wide planning efforts.	Performance Management Program progressing on schedule. Slight revisions to performance appraisal process / forms.	Benke	The Agency Performance Management Program continues to be on track. A continuous improvement project assessed and developed goals for work plan development and use.
138				Strategy M1c)1 Support and participate in Agency-wide planning efforts.	Repeat of above.		Repeat of row 137.

1	Vision Name	Goal Name	Objective Name	Strategy Name	FY 05 Progress	FY 05 Contact	FY 06 Progress
139				Strategy M1c)1 Support the agency-wide performance management program.	The Organization Development and Training Unit has supported this effort by administering a variety of training and learning activities to staff. We are currently in the process of selecting a learning management system to meet agency needs and are hopeful that we can share the learning management system used by the MN Department of Transportation. Unit staff continued to expand their knowledge of Six Sigma methodology as part of their employee development plans.	Thul	Contact Rich Thul 651-296-8618.
140				Strategy M1c)1 Actively support and follow the requirements of the performance management program.	See row 139.		See row 139.
141				Strategy M1c)1 Support and participate in Agency-wide planning efforts.	See row 139.		See row 139.
142	Vision 5: Well managed Organization	Goal M1: Develop and maintain a healthy, positive and productive work force.	Objective M1d) By 2007, eliminate work related injuries.	Strategy M1d)1 Support Agency-wide safety efforts.	Recent trend shows reduction in work related injuries.	Raudys	Continues on track.
143	Vision 5: Well managed Organization	Goal M1: Develop and maintain a healthy, positive and productive work force.	Objective M1f) Beginning in FY 2004, ensure 100 percent placement opportunity for staff from programs that reduce staffing levels.	Strategy M1f)1 Support Agency-wide vacancy management efforts to reach this goal.	Vacancy management efforts on track.	Halbach / Benke	No staff layoffs have occurred. Programs reducing staff have stabilized and the agency is now adding positions to meet TMDL and economic growth.
144	Vision 5: Well managed Organization	Goal M2: Manage the organization and programs for optimum efficiency.	Objective M2a) Leaders report monthly and quarterly on established performance measures.	Strategy M2a)1 Collect data/Provide information.	Quarterly Management Review consistently conducted on schedule .	Benke	The Agency Quarterly Management Review process was modified to establish dashboard measures for Agency Strategic Plan Goals. Recording, reporting and discussion have occurred for the 2nd half of 06.
145				Strategy M2a)1 Collect data and report the information at specified times.	Monthly division performance measures being revised (dashboards) to better report regarding strategic planning process.	Moeger	Dashboard measures established and sample reported for 1 quarter, and actual data reported for two quarters of FY06.

1	Vision Name	Goal Name	Objective Name	Strategy Name	FY 05 Progress	FY 05 Contact	FY 06 Progress
146				Strategy M2a)2 Improve timeliness of enforcement activity.	Monthly division performance measures being revised (dashboards) to better report regarding strategic planning process.	Bjork	Significant progress in APO timeliness, but short of goal of 165 days. Currently reviewing late outliers to find root causes for such, leading to next phase of improvements.
147				Strategy M2a)4 Pick up all projects on the AQ queue in 60 days or less.	This is no longer a goal, it has been replaced by the AQ Construction Six Sigma Project Goals. That started as of January 1, 2005. All project were picked up in 60 days or less prior to Six Sigma Project start date.	Sandberg / Smith / Schutt	This goal has been replaced by the AQ Construction Six Sigma Goal of having 90% of construction permits issued within 150 days. We achieved a high of 80% in CY06 but have dropped the last few months due to the loss of staff and an increase in the number of applications received. Currently looking at additional process improvements that can be developed to achieve the goal and have initiated efforts to increase the AQ point source staff compliment.
148	Vision 5: Well managed Organization	Goal M2: Manage the organization and programs for optimum efficiency.	Objective M2b) Leaders accomplish 95 percent of annual objectives identified in division work plans.		On track for this objective.	Sandusky	Each of the Agency Divisions achieved 95% of the objectives identified in their workplans.
149	Vision 5: Well managed Organization	Goal M2: Manage the organization and programs for optimum efficiency.	Objective M2c) By August 1 each year, the Fiscal Systems, Business Systems, Information Management, Human Resource and Environmental Results Management System Management Teams create annual work plan objectives and annually meet 95% of their objectives.	Strategy M2c)1 Management Teams.	On track for this objective.	Benke	On track for this objective
150				Strategy M2c)1 Support Management Teams.	On track for this objective.	Warner	On track for this objective.
151				Strategy M2c)1 Support Management Teams.	On track for this objective.	Moeger	Annual Senior Management discussion of workplan commitments for Manager teams.

1	Vision Name	Goal Name	Objective Name	Strategy Name	FY 05 Progress	FY 05 Contact	FY 06 Progress
152				Strategy M2c)1 Support Management Teams.	On track for this objective.	Raudys	On track for this objective.
153				Strategy M2c)2 ISMT will prioritize the IS infrastructure resources to meet business priorities.	Is done on an annual basis.	Meyer	Annually accomplished through workplan.
154				Strategy M2c)3 Keep information systems up and running optimally manage, maintain and optimize current IT solutions.	On track for this objective.	Meyer	On track for this objective.
155				Strategy M2c)8 ERMS MT will prioritize selected Agency resources to meet business priorities.	ERMS FY05 workplan identified priority projects for the year. These priorities focused on key business practices such as time tracking, work planning and dashboards.	Benke	The ERMS FY06 workplan identified work activities for the team for the year. The key business practices focused on the strategic plan performance dashboards, workplan database development, and agency wide strategic plan goal prioritization.
156				Strategy M2c)9 Fiscal Systems MT will prioritize selected Agency resources to meet business priorities.	Is done on an annual basis.	Massey	Done. Accomplished through development of annual spending plan and qrtly resource review.
157	Vision 5: Well managed Organization	Goal M2: Manage the organization and programs for optimum efficiency.	Objective M2d) Management team decisions and approved recommendations are implemented by leadership within established timeframes.				
158				Strategy M2d)1 Support Management Team decisions and implement.	Management team leaders reporting team recommendation are being implemented within established timeframes.	Sandusky	Management Team decisions are being supported and implemented in the divisions within timeframes.

1	Vision Name	Goal Name	Objective Name	Strategy Name	FY 05 Progress	FY 05 Contact	FY 06 Progress
159	Vision 5: Well managed Organization	Goal M2: Manage the organization and programs for optimum efficiency.	Objective M2e) Leaders implement 6 Sigma according to deployment plan.	Strategy M2e)1 Support Deployment Plan.	The Six Sigma Steering Team developed and approved a new deployment plan for Continuous Improvement in August, 2005. With input from managers the steering team has selected several projects to proceed this FY. Process characterization has been ongoing in all divisions and key processes are being mapped to determine if improvement is needed. Green Belt training for the entire leadership team has commenced and will be completed by the End of Dec 2005. The Agency has completed work on several projects and more are being worked on. Improvements are evident in the Water Permit, Air Permit, Contracts, and Wastewater Training areas. Enforcement timeliness is making progress and other projects are nearing the implementation phase. The Organization Development and Training Unit provided extensive support this year for Six Sigma projects, through facilitation, master facilitation, consulting and training. In addition, staff developed Just-in-Time Design training and associated materials. Black Belt training will occur for all Senior Managers in early CY 2006.	EAO Mgrs	The Continuous Improvement Steering Team continues to implement the existing deployment plan. Most projects are now in the control phase. This means that the improvement implementation plan is being incorporated into the daily management and results in the collection of process of metrics and the continued evaluation of the process operation in meeting the defined objectives. We have seen significant progress and improvement in the AQ Construction Permit timeliness, the NPDES Reissuance timeliness, and the APO timeliness, and more. The expansion of effort allowed the agency to better understand and measure its many processes and to bring better standardization to these processes. The overall effort of continuous process improvement is now integrating into the culture of the agency. During FY 2007 we will be evaluating and setting the focus of this improvement effort for the next 2 years.
160	Vision 5: Well managed Organization	Goal M2: Manage the organization and programs for optimum efficiency.	Objective M2f) By October 31, 2003 develop a framework for analyzing program life cycles. (Completed-working on the implementation now.)	Strategy M2f)1 Collect data from existing plans and use to create framework.	Program lifecycle framework completed in the spring of 2005. Application of lifecycle framework put on hold until the summer of 2006 due to higher priority projects for the Team. Water program analysis underway via Six Sigma project.	Sather / Schmiechen	Application of lifecycle framework to other programs put on hold until the spring of 2007 due to higher priority projects for the Agency.

1	Vision Name	Goal Name	Objective Name	Strategy Name	FY 05 Progress	FY 05 Contact	FY 06 Progress
161				Strategy M2f)2 Support ERMS team.	ERMS includes membership from all media divisions.	Benke	The ERMS team continues to include membership from across all Agency Division. Late in 2006 the ERMS team began a process to reassess both the scope of the ERMS work and the team membership. The discussion will continue into 2007.
162	Vision 5: Well managed Organization	Goal M2: Manage the organization and programs for optimum efficiency.	Objective M2h) Resources managed in compliance with all laws and contracts.	Strategy M2h)1 Develop and establish Capital and Biennial Budgets that align with environmental goals and objectives.	An annual schedule was developed and implemented by the ERMS team in October 2004, for review of the strategic plan and agency priorities and alignment of resources in the Agency work plan with the strategic plan environmental goals and objectives.	Mueller/ Bunker	Agency's strategic plan was updated in FY2006. In the fourth quarter of FY06 the ERMS team provided a format for other management teams and the senior managers to prioritize the strategic plan goals. In the initial budget planning steps, managers were expected to articulate how their budget plans for FY2008-09 supported the priorities, goals and objectives in the new strategic plan.
163				Strategy M2h)2 Management of fiscal resources in alignment with established Capital and Biennial Budgets.	Have had 116a and 116c violations, examined for patterns, trained where necessary and have implemented Six Sigma improvement project to improve process.	Benke / Halbach	116A and 116C violations fall into 2 main areas – contract violations and wrong process followed to purchase supplies. The latter follows no direct pattern and for repeat staff concerns – performance management is the solution. For contract violations, the agency's closed landfill program and air contracting are working to have sufficient staff support to manage contract activities to ensure compliance. Some process changes for the closed landfill program are also being reviewed.

1	Vision Name	Goal Name	Objective Name	Strategy Name	FY 05 Progress	FY 05 Contact	FY 06 Progress
164	Vision 5: Well managed Organization	Goal M3: Manage and lead an effective organization to address long-term external expectations.	Objective M3a) By January 1, 2004, and every even year thereafter, seek to understand external expectations and obtain feedback on agency performance by developing and implementing public and stakeholder-specific research tools.	Strategy M3a)1 Apply customer focus principles.	Workgroup established, anticipate effort completed by January 2006.	Moeger	Customer data from the past decade has been located and searchable database is currently being populated. Focus groups were held statewide for six sigma communication design project, critical to quality customer expectations determined, and a Communications Council established to implement associated projects.
165				Strategy M3a)1 Provide tailored services to meet customer needs.	Covered by Six Sigma Project.	Sandberg / Smith/ Schutt	Industrial Division has identified specific sectors that the Agency is working with to address specific sector needs; these include Ethanol, Mining, and Forest Products.
166				Strategy M3a)2 Implement Pilot Customer Feedback System on Construction Permitting Process.	On track for this objective.	Sandberg	Solicited input and /or held meetings with environmental groups and industry representatives to assess the effectiveness of the construction permit work.
167	Vision 5: Well managed Organization	Goal M3: Manage and lead an effective organization to address long-term external expectations.	Objective M3b) By June 30 of each year, ensure that at least 50% of available FTE's are assigned to work in the top ten priority programs.	Strategy M3b)1 Track staffing in program areas.	FY06 Work Planning data reports 56% of staff are assigned to the top ten priority programs. This does not include the recent addition of OEA staff.	Benke	FY07 Work Planning data show that 48% of the staff FTEs are assigned to the top ten priority programs. This information does not include all the staff from the old OEA. All staff are anticipated to be counted in the FY 08 work planning cycle.

1	Vision Name	Goal Name	Objective Name	Strategy Name	FY 05 Progress	FY 05 Contact	FY 06 Progress
168	Vision 5: Well managed Organization	Goal M3: Manage and lead an effective organization to address long-term external expectations	Objective M3c) By March 31, 2005, establish a data management system that will allow us to link work plans, budget, time tracking, environmental and other measures, to improve our ability to evaluate and manage progress toward achieving strategic goals.		ERMS team objective reviewed and scheduled for 2007.	Benke	The ERMS team objectives are currently under review. The discussions so far are resulting in more concentrated focus on strategic plan objectives/outcomes for the team
169	Vision 5: Well managed Organization	Goal M3: Manage and lead an effective organization to address long-term external expectations.	Objective M3d) By July 31 of each year, the Communications Management Team shall evaluate and report on implementation progress of the agencies communication strategy.	Strategy M3d)1 Provide input and produce communication products.	A six sigma communications team is scheduled to have design completed by end of December. Over the course of the year, numerous communication products have been produced for a variety of audiences.	Gelbman / Heussner	Creation of Communications Council in Sept. 2006. Community outreach effort, or listening sessions. Risk communications training. HR Orientation Program. Webcasting Citizen Board meeting survey.
170	Vision 5: Well managed Organization	Goal M3: Manage and lead an effective organization to address long-term external expectations.	Objective M3d) By July 31 of each year, the Communications Management Team shall evaluate and report on implementation progress of the agencies communication strategy.	Strategy M3d)1 Publish MPCA materials that are well-written and well-edited in a variety of formats to different audiences.	MPCA has published fact sheets on specific issues and general topics; brochures on mercury, stormwater, and other environmental subjects; electronic newsletters and listserves on various topics including feedlots, surface water basins, stormwater and air quality alerts; and the quarterly MN Environment magazine. An bi-weekly internal newsletter is also distributed to staff.	Gelbman / Heussner	MPCA publications products continue to be well-written and well received. Focus groups conducted by Six Sigma team in last year heard very positive comments on agency legislative reports, MN Environment magazine, and fact sheets. An outside writing consultant will be brought in for the first half of 2007.
171				Strategy M3d)3 Promote MPCA through the News Media.	In FY05, the MPCA issued both proactive and reactive news releases and responded to news media inquiries. MPCA issued 29 proactive news releases, resulting in a total of 1.8 million newspaper impressions.	Gelbman / Heussner	For FY2006, we are on pace to surpass last year's totals. thanks to media activities surrounding EcoExperience at the state fair. Recently, a Proactive News Release calendar was developed; it integrates MPCA and former OEA issues.

**Water Division
Joint Priority Proposal
Impaired Waters
October 1, 2005 – September 30, 2007**

Statement of Environmental Problem/Issue

Based on the Minnesota's 2004 303(d) lists there are 1115 water bodies in Minnesota that are not meeting their designated uses. There are a total of 1890 impairments in Minnesota. Minnesota is committed to using the impaired waters approach to restore water bodies to meeting their designated uses, while at the same time maintaining those waters that are meeting designated uses. Minnesota's impaired waters approach is currently being developed with a diverse set of stakeholders at the same time that the Minnesota Pollution Control Agency is working with Region 5 to meet the commitments set out in Clean Water Action Section 303(d). These parallel efforts are moving forward in a manner such that they are merging together into a single effort. This revision of the joint priority addresses a holistic approach which includes the previous focus on Total Maximum Daily Loads (TMDLs).

This joint priority is broken into four components: Program Development, 303(d) listing, Total Maximum Daily Load Studies, and Implementation.

MPCA Strategy: Restore the chemical, physical and biological integrity of Minnesota lakes streams and wetlands that do not support designated uses.

EPA Strategy: Improve water quality conditions in impaired watersheds and restore impaired waterbodies to achieve designated uses.

Program Development

The Minnesota Pollution Control Agency has worked with a diverse group of stakeholders to help define the policies that will direct an Impaired Waters Program and will provide a more reasonable level of funding for the program. This legislative proposal is the Clean Water Legacy Act. The Clean Water Legacy Act has been introduced in the state Legislature during the last two legislative sessions, but has not yet been passed into law. During the 2005 session there was general agreement on the policy framework with revisions by the legislature, but the funding hindered the ability to pass this legislation. The MPCA is testing or implementing portions of the policy framework that it is able to with its current level of resources.

State biennium 2005 – 2007 Objectives and 2006 calendar year activities:

By July 1, 2007, obtain Legislative approval of an impaired waters program.

- Provide staffing to the Clean Water Legacy Act stakeholder group.
- Provide staff assistance to legislative activity on the Clean Water Legacy Act.

New Clean Water Legacy Act completed by June 1, 2006. Obtained one year of funding. Will continue to work toward permanent funding.

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By December 31, 2006 develop and annually thereafter report on implementation of impaired waters program Plan.

- Program plan completed by December 31, 2006. (Sleeper, Skuta,) **Done by October 1, 2006.**
- Schedule for program plan components completed by December 31, 2006. (Sleeper, Skuta) **Done by October 1, 2006.**
- Assignments for completion of program plan components with 2007 deadlines made by December 31, 2006. (Raudys (**Now Reetz**) **NA, program plan is a bit different than anticipated.**
- Continue ongoing work on following program plan components also listed under the TMDL component
 - Pilot of stakeholder processes through Lake Pepin TMDL (Connell) **Continues as anticipated. We are learning from the Pilot.**
 - Training curriculum for TMDL Project sponsors fully developed and tested by December 31, 2006 (Kolze, Skuta, Maraldo) **First modules completed. Training curriculum became more comprehensive, so additional modules not anticipated will be completed in 2007.**
- Implement policies based on current court orders and future court orders (MPCA WQ policy forum, Pierard) **Done. For example, implemented the “Daily Means Daily” court decision as required, and the 8 TMDLs currently going through the process are complying with this policy/court decision.**
- EPA will continue to assist MPCA on policy development as needed. **EPA has stepped in particularly in helping us figure out the stormwater/Impaired Waters policy overlap, which has been very helpful.**

303(d) List:

The Minnesota Pollution Control Agency continues to submit an integrated list to USEPA as required and in a timely manner. At the same time, the MPCA and USEPA are having discussion about potential changes to how waters are listed in Minnesota.

State biennium 2005 – 2007 Objectives and 2006 calendar year activities:

- Submit Minnesota’s 2006 by April 2006 deadline and EPA approval within 30 days (Hora, Markus, Socha). **Done.**
- Work with stakeholders to develop a plan for listing wetlands, the approach for TMDLs on wetlands and implementation options by October 1, 2006 (Skuta, Helwig, Socha) **MPCA continues to work on this. This became more controversial than anticipated, so we are having developing a statement of agreement with other agencies, then this will be taken out to external partners.**
- Explore pros and cons for listing impairments by watersheds (Hora, Sleeper, Socha, Pierard) **MPCA has developed a plan to move toward monitoring by watershed, and continuing to list by impairment. This approach will achieve similar results as those desired by the watershed listing approach.**

Total Maximum Daily Loads (TMDLs):

Based on the 2004 303d list, Minnesota currently lists 1890 impairments in need of TMDLs and remediation. Minnesota currently has 5 approved TMDL studies addressing 29 impairments (listings). Minnesota clearly has a backlog, due to lack of resources to complete TMDLs in a timely manner. The MPCA tracks this backlog quarterly and annually, based both on project starts and completions. This backlog is used to support the request for additional funds needed through the Clean Water Legacy Act. In addition, MPCA and EPA agree on annual commitments for completing TMDLs, which EPA tracks.

State biennium 2005 – 2007 Objectives and 2006 calendar year activities

- By September 1 of each year, MPCA and EPA will concur on the TMDL commitments for the next federal fiscal year. Those commitments, once agreed upon, are attached and considered part of this document (Risberg, Maraldo) Note: Kevin – we are proposing that this replace the “strategy” and become part of this document by attachment. **Completed 2006 and have established commitments for 2007 (will likely meet them in the 1st quarter of FFY07 with the 8 TMDLs that are currently in process). Mercury will help us greatly exceed this goal.**
- First round of Protocols for “types” of TMDLs completed by July 1, 2006 (Skuta, Socha) **Drafts are completed and have been reviewed. In the final stages of this process.**
- EPA will provide Federal TMDL contractor assistance, as available, and work with MPCA to ensure that the contractors coordinate with MPCA and local sponsors. (Maraldo, Sleeper) **MPCA has taken this assistance, and most recently in the Poplar River. Once we receive permanent funding (or even funding for the next biennium), MPCA may decline such offers, due to continuing delays and issues and other states may need these funds more desperately than MPCA does).**
- Hg TMDL. EPA will continue to provide technical support to MPCA and coordinate with MPCA and with EPA HQ on development and review of this TMDL toward a final goal of approval of the Hg TMDL. **Submitted, awaiting EPA approval.**
- EPA and PCA will continue to coordinate on interstate/interregional TMDLs. **Ongoing.**
- Develop plans/schedule for submittal of Red River TMDLs, and EPA approval process by March 1, 2006 (Ziegler, Socha). **Done.**

Implementation

MPCA has begun work on implementation of TMDLs with very limited resources in this area. The majority of the Clean Water Legacy Act funds would go toward implementation through existing programs administered by other state agencies. In addition the MPCA uses at least 51% of its CWA section 319 funds for TMDL studies and implementation.

State biennium 2005 – 2007 Objectives and calendar 2006 year activities

- Within one year of EPA approval of each TMDLs study, implementation plans will be completed, with MPCA approval within 30 days of submittal. **Done.**

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- Continue integration of programs impacted by TMDL studies.
 - Stormwater/TMDL interface plan (Risberg, Sabel, Maraldo) **Stormwater program added a staff person specifically to work on this. Metro region staff has lead this effort due to some of the lakes TMDLs and the impact of stormwater. EPA has been very helpful.**
 - Ongoing conversations between point source and TMDL managers (at least quarterly) (Turri, Sleeper) **We are doing this, but it needs to be done at the regional level and the supervisory level.**
- Develop guidance/policy for effectiveness monitoring.
 - establish process to fund 1-2 effectiveness monitoring projects for watershed projects by July 1, 2006 (Larson, Sleeper) **Still needs work. This was delayed due to other higher priority issues. Extend deadline to July 1, 2007.**
- Input annually to the accountability database those impaired water bodies that will be or have returned to meeting designated uses without completing a TMDL (Skuta, Davenport) **Ongoing and being kept up.**

Joint Priority Proposal
Air Toxics Program Development
12.13.04

Objective The staffs of the MPCA and EPA propose to collaborate, develop and implement a program to address sources of air pollutant emissions. This joint priority proposal is directed at improving US EPA and MPCA's ability to protect the national and state environment.

Statement of Environmental Problem/Issue Historically the MPCA regulatory program has focused on air pollutants from point sources. Risk evaluations of air emissions were completed for new and expanding facilities; these were typically time consuming and resource intensive, and focused on plants that tended to have the latest and best technology for controlling air emissions. Citizens, during public meetings for these facilities, had questions, not only about the potential impacts from the proposed plant, but also about the overall impacts from existing pollutants in the air. The facility-specific assessments were not capable of answering those questions. Past regional studies such as the National Air Toxic Assessment showed that area and mobile sources are significant sources of air toxics. However, these studies were designed to provide county-level data, not the community level data of most interest to citizens. From state data sources such as emission inventories, we know that more than half of the air toxics emitted in Minnesota come from mobile sources, including cars, trucks and other vehicles.

To facilitate a more systematic and objective way of understanding and addressing impacts from emissions of air pollutants MPCA sought a tool that integrates data on emissions from all types of sources (point, mobile and area). The tool should evaluate the dispersion of emissions within the state so that pollutant concentrations and health impacts can be estimated. . Furthermore, the tool should be able to assess potential impacts on a community level geographic scale, look at the impacts from all emissions and chemicals at a particular point in space, and include impacts from ingestion exposure as well as inhalation. MPCA entered into a contract with Lakes Environmental, Inc. to develop such a tool.

The tool is in its final development stage. When finalized we intend to use it as a foundation in developing our statewide air toxic program. MPCA plans to use the tool several ways, including risk-based prioritizations, evaluating the impacts of regulatory programs, providing contextual data for other risk analyses, and in refining the air toxics monitoring program. Specific examples of risk prioritization include evaluating and comparing impacts from source types or industrial sectors, identifying areas where specific chemicals are of concern, and comparing differences in impacts, and thus possible actions, in different areas of Minnesota. It can also be used to provide for cost-effective determinations of the impact of proposed changes. For instance, we could use it to evaluate the impact of implementing control technologies across a sector or to determine the impact at a neighborhood level of a proposed new plant in relation to present impacts.

During a December 17, 2004 joint meeting in St. Paul, MPCA proposed substitution of the previous Clean Air Minnesota Joint Priority with this Statewide Cumulative Air Assessment Tool as a joint priority. It was the collective opinion of MPCA and USEPA that it would be a

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benefit for USEPA Region 5 to provide peer review services to this project for MPCA and to collaborate on using the tool to design a systematic method of addressing air pollutant emissions.

Milestones originally developed for this joint priority work have elapsed. The initial schedule anticipated that we would deliver documents for peer review at the end of June; that did not occur. Modifications to the software code were needed on how area emissions were treated as well as to optimize the code to lesson computing run time. MPCA staff received the latest version on Dec 9, 2004; this version demonstrates the technical issues have been resolved. We anticipate okaying initiation of a final run with increased spatial resolution at the end of December.

Status as of November 2006: Phase 1 was completed during this past year; a written response to the comments received from the peer reviewers was prepared and sent and the file was prepared. MPCA staff have also executed a contract with Lakes Environmental, Inc. to address areas of MNRiskS that need improvements and that were identified during the peer review. Tasks included in this effort include improvements to the usability and documentation, specifically the Users Guide and Technical Report including the Uncertainty Section, incorporation of updated emissions data and toxicity information, addition of background concentrations, cooperating with MPCA in re-running the point source air dispersion modeling and risk receptor modeling using a distributed computing system. Work on these tasks have been initiated and will continue throughout the year.

At the May 2006 meeting, Region 5 EPA and MPCA staff agreed to continue a joint priority on air toxics but that it should be updated. The draft revised joint priority next EnPPA is attached at the end of the document.

Joint Priority Responsibilities

This proposal is divided into 2 phases: 1) peer review of the software tool that calculates cumulative impacts and 2) development & implementation of a systematic statewide air toxics program. EPA and MPCA staff began discussions on the peer review process in February 2004 resulting in development of a draft charge and identification of peer reviewers. We anticipate that the peer review will begin early in 2005. The second phase would begin with the completion of the peer review, unless there are tasks that are not dependent on finalization of the tool and its documentation. Generally, MPCA staff will be responsible for administering the process and EPA staff will provide support to the MPCA. As of March 04, MPCA is proceeding to finalize the development of the cumulative risk assessment tool.

The schedule below reflects changes to date.

- I. Peer Review of the Statewide Cumulative Air Assessment Tool
MPCA Contact: Shelley Burman
EPA Contact: Gilberto Alvarez

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Task	Estimated Completion	Deliverable
Contractor completes run at increased spatial resolution	Jan 05	
EPA/MPCA review draft schedule and adjust as necessary	Feb 05	
1. Finalize Charge for Peer Review a) EPA will assist MPCA in development of charge b) MPCA will finalize charge	Feb 05	Charge
2. Confirm Reviewers a) MPCA will suggest potential reviewers from EPA b) EPA will contact and gain commitments from EPA reviewers c) EPA will confirm reviewers are still available	Feb 05	List of Reviewers
3. Distribute Documents & Initiate Peer Review a) MPCA will distribute charge and documents to selected reviewers b) EPA will provide guidance as needed to peer reviewers	Feb 05	
4. Obtain Comments from Peer Reviewers a) MPCA will receive and distribute comments for review b) MPCA will forward comments to EPA Contact	June 05	Set of Comments
5. Evaluate Comments a) MPCA will evaluate comments and tool and decide what revisions to implement b) EPA will assist as necessary	Aug 05	
6. Address Comments a) MPCA will develop responses to the comments received- categories include: - revisions to implement immediately - clarifications and edits made to documentation - revisions that might be implemented if funding exists - comments that will be included in developing strategy b) EPA will provide support as needed c) MPCA will distribute responses to reviewers d) MPCA will make identified revisions	Sept 05	Set of Responses
7. Prepare File a) MPCA will prepare complete peer review file (charge, documents, list of reviewers, comments received, responses to each comments and revisions made) and file at MPCA offices	Oct 05	

II. II. Develop and Implement a Systematic Air Toxics Program for Minnesota.

MPCA Contact: J. David Thornton

EPA Contact: TBD

Tasks	Estimated Completion	Deliverable
1. Tool familiarization (most likely will run concurrently	Sept 05	

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with Phase I.)		
2. Develop Goals and Objectives, Initiate Subteams <ul style="list-style-type: none"> a) Identify and gather team <ul style="list-style-type: none"> - identify talents & teams needed - identify champion, managers, staff b) Identify what questions and scenarios to test c) Identify manner of evaluating & accepting recommendations d) Form subteams & select members e) Propose schedule and priorities 	Oct 05	Completion of Project Plan
3. Develop Baseline (from existing input files used in tool) <ul style="list-style-type: none"> a) Determine significant chemicals of interest b) Determine significant sources of interest c) Determine significant geographic areas of interest d) Determine goals e) Identify any remaining information needs 	Dec 05	Baseline Summary Document
4. Sub Teams Complete Tasks <ul style="list-style-type: none"> a) Results assessed on how info can be used improve future monitoring, enforcement, risk assessments, voluntary programs, gaps identified b) Input gathered from stakeholders (citizens, legislature, LUG, industry, health arena, other agencies) c) Technical strategy developed to address identified high sources of risk d) Information necessary for risk management framework gathered (i.e., social values, economics, technical feasibility, political issues, ethical issues, comparative risks) e) 2- way communication strategy developed for interested parties f) Adequacy of current legal authority assessed, necessity for new authority ascertained 	Apr 06	Reports from each team
5. Propose & Test Draft Recommendations <ul style="list-style-type: none"> a) Integrate findings from sub teams b) Develop list of proposed recommendations c) Evaluate & select best course of action from alternate scenarios d) Propose needed policies / rules / actions 	Aug 06	List of Rec. & supporting info. Presentation at public forums
6. Initiate Implementation of Accepted Recommendations	Dec 06	

Minnesota Pollution Control Agency
Environmental Protection Agency Region 5
Joint Priority Proposal – Air Toxics
October 1, 2006
EnPPA

Objective MPCA and EPA Region 5 staff propose to collaborate, develop and implement a program to address sources of air pollutant emissions. This joint priority proposal is directed at improving US EPA and MPCA's ability to protect the national and state environment.

Area 1: EPA Region 5 staff will support Minnesota's efforts to develop a health-based number for fibers that may replace the control city standard and on furthering the understanding of the fiber issue. Fiber toxicity is a function of fiber type, length, width and chemistry. Any anticipated modeling would assist in developing health risk assessments for fibers of different types, lengths, widths and chemistries.

MPCA Contact: Ann Foss
EPA Region 5 Contact:

MPCA staff are coordinating with staff from other state agencies on an ongoing project to assess health risk associated with fibers. State agencies involved with this effort include the Minnesota Departments of Health, Natural Resources, and Employment and Economic Development and the Iron Range Resources and Rehabilitation Board. Initial contact has been made with the EPA Technical Review Workgroup for Asbestos.

State actions include

- Develop request for proposals for quality assurance / quality control of available EPA data and fiber toxicity modeling. This contract will result in a report that assesses the quality and usefulness of the data and available analysis for continuing modeling and health risk assessment. Estimated date for this report is first quarter of calendar year 2007.
- Based upon results from report, the state will select one of three options: determine whether to gather additional data and do further analysis; complete health risk assessment on existing data; or whether additional alternatives need to be developed.
- If the decision is either to complete the health assessment or gather additional data and do further analysis, the state would develop a request for proposal and seek funding from a variety of sources including industry and EPA. This is anticipated to occur between the second and fourth quarters of calendar year 2007.

EPA support:

- Share data on fibers and toxicity modeling results when released for journal publication following peer review. The anticipated date is in late 2006. Help ensure the peer review happens in a timely manner.
- Provide additional assistance as needed.

Area 2: EPA Region 5 and MPCA staff will continue to collaborate on the statewide cumulative risk

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assessment screening tool and in developing a systematic state-wide air toxics program.

MPCA Contact: Todd Biewen

EPA Region 5 Contact:

This continues the joint priority of the previous EnPPA where EPA staff provided peer review of the Minnesota Risk Screening (MNRiskS) tool. This software tool estimates combined health risks from air emissions of multiple contaminants from multiple sources and through multiple exposure pathways.

When finalized we intend to use it as a foundation in developing our statewide air toxic program. MPCA plans to use the tool several ways, including risk-based prioritizations, evaluating the impacts of regulatory programs, providing contextual data for other risk analyses, and in refining the air toxics monitoring program. Specific examples of risk prioritization include evaluating and comparing impacts from source types or industrial sectors, identifying areas where specific chemicals are of concern, and comparing differences in impacts, and thus possible actions, in different areas of Minnesota. We could use it to evaluate alternative future scenarios, for example, to determine the relative impact of proposed changes in a region or to evaluate the impact of implementing proposed control technologies across a sector.

State actions include:

- Complete contract for changes to MnRiskS. We are addressing several of comments received from peer review phase of our joint priority through a contract with the developer. The tasks include improvements to the usability of the tool, expanding the documentation, specifically the Users Guide and Technical Report including the Uncertainty Section, updating data inputs (2002 emissions) and adding available background air concentrations. The final products resulting from this effort will be included with the project file. This contract runs through our state fiscal year.
- With completion and update of the next version of software, MPCA staff will continue familiarization of the features and use of the software. MPCA staff will also summarize results. This is anticipated to continue through second quarter of calendar year 2007.
- MPCA will identify specific objectives that a systematic statewide air toxics program would address and include. This would include stakeholder input and additional technical analysis.

EPA Region 5 actions:

- Provide information on how other states in the nation address air toxics from all types of sources.
- Provide assistance as needed.
- Facilitate discussions with EPA Headquarters, other offices and regions on identified issues.

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