

**Minnesota PPG Max Workplan (with Three Essential Elements)
OAR (Office of Air and Radiation) [Sec. 105] FFY 2009 – 2012
FFY09 Report with FFY10 Workplan revisions**

Code	Common Template Measures (Essential Element #2)	MPCA Contact	Planned Accomplishments/Commitments (Essential Element #3)	Comments/Status or Progress Report
Goal: 1 CLEAN AIR AND GLOBAL CLIMATE CHANGE (Essential Element #1)				
Objective 1.1: Clean Air and Healthy Outdoor Air: Through 2011, working with partners, protect human health and the environment by attaining and maintaining health-based air quality standards and reducing the risk from toxic air pollutants.				
Sub-objective 1.1.1: By 2015, working with partners, improve air quality for ozone and PM2.5.				
Categorical Grant: State and Local Assistance (CAA Section 105)				
OAQP S N001	Percentage reduction in population-weighted ambient concentration of ozone in all monitored counties from 2003 baseline.	Frank Kohlasch & Rick Strassman/ Edward Delisio-EPA	<ol style="list-style-type: none"> 1. Operate and maintain ambient ozone monitoring network in compliance with 40 CFR Part 58. 2. Recipient attaches copy of template to its Section 105 Work Plan. 3. Review, validate and submit all required data to the Air Quality System (AQS) within 90 days of the end of each calendar quarter. 4. Ensure precision and accuracy data are submitted to the AQS as stipulated in 40 CFR Part 58.35. 5. Submit hourly ozone concentrations data to the USEPA AIRNow program. 6. Certify ozone data via letter as accurate to best of knowledge by May 1 of the following year. 7. Attends meetings and participates on conference calls as time and funding permit. 	<p>As part of its regular performance review, MPCA calculates 1) The percent reduction in overall emissions in Minnesota of pollutants that contribute to ozone formation (volatile organic compounds and nitrogen oxides) (Strategic Performance Review or SPR); and 2) Percent of Valid Air Data Captured by Ambient Monitoring Network (Operational Performance Review or OPR)</p> <p><u>FFY 2009 Report:</u></p> <p>1)The MPCA submitted the certification letter for Minnesota's 2008 air quality data in September 2008. The delay in submitting the certification letter was due to a retirement at the MPCA for the AQS Coordinator and additional data review to meet current quality assurance requirements. The MPCA has updated the certification process for Minnesota data and had submitted a timely certification letter for 2009 air quality data. The certification letter and attachments for Minnesota's 2008 data are included in separate pdf files named below:</p> <p>◆ <u>MN AQ Data Certification Letter – Mike Sandusky Sep 29 2009 – Journal_1794.pdf</u></p> <p>◆ <u>MN AQ Data Certification Attachment – Sep 29 2009 – amp255.pdf</u></p>

				<p>◆ <i>MN AQ Data Certification Attachment – Sep 29 2009 – amp450.pdf</i></p> <p>◆ <i>MN AQ Data Certification Attachment – Sep 29 2009 – amp450nc speciation.pdf</i></p> <p>2) Percent valid data capture from the ambient ozone monitoring network for April 1 through Sept. 30, 2009 was 94%.</p>
OAQP S N002	Percentage reduction in population-weighted ambient concentration of fine particulate matter (PM2.5) in all monitored counties from 2003 baseline.	Frank Kohlasch & Rick Strassman/ Edward Delisio-EPA	<ol style="list-style-type: none"> 1. Operate and maintain ambient PM2.5 monitoring network in compliance with 40 CFR Part 58. 2. Recipient attaches copy of template to its Section 105 Work Plan. 3. Review, validate and submit all required data to the Air Quality System (AQS) within 90 days of the end of each calendar quarter. 4. As long as PM2.5 monitoring stays under 103, commit annually to participate in the national PEP program. In the event PM2.5 monitoring activities transition to funding under 105, Region 5 and the MPCA will renegotiate and amend the PPG to address changes. 5. Ensure precision and accuracy data are submitted to the AQS as stipulated in 40 CFR Part 58.35. 6. Submit hourly PM2.5 concentrations data to the USEPA AIRNow program. 7. Certify ozone data via letter as accurate to best of knowledge by May 1 of the following year. 8. Attends meetings and participates on conference calls as time and funding permit. 	<p>As part of its regular performance review, MPCA calculates 1) The percent reduction in overall emissions in Minnesota of sulfur dioxide and nitrogen oxides (pollutants that contribute to fine particle formation) (SPR); and 2) Percent of Valid Air Data Captured by Ambient Monitoring Network (OPR).</p> <p><u>FFY 2009 Report:</u></p> <p>1) The MPCA submitted the certification letter for Minnesota’s 2008 air quality data in September 2008. The delay in submitting the certification letter was due to a retirement at the MPCA for the AQS Coordinator and additional data review to meet current quality assurance requirements. The MPCA has updated the certification process for Minnesota data and had submitted a timely certification letter for 2009 air quality data. The certification letter and attachments for Minnesota’s 2008 data are included in separate pdf files named below:</p> <p>◆ <i>MN AQ Data Certification Letter – Mike Sandusky Sep 29 2009 – Journal_1794.pdf</i></p> <p>◆ <i>MN AQ Data Certification Attachment – Sep 29 2009 – amp255.pdf</i></p> <p>◆ <i>MN AQ Data Certification Attachment – Sep 29 2009 – amp450.pdf</i></p> <p>◆ <i>MN AQ Data Certification Attachment – Sep 29 2009 – amp450nc speciation.pdf</i></p>

				2) Percent valid data capture from the ambient PM2.5 FRM monitoring network for FFY09 was 92 %.
OAQPS N003	Cumulative percentage reduction in number of days with Air Quality Index (AQI) values over 100 since 2003, weighted by population and AQI value.	Frank Kohlasch & Rick Strassman/ Edward Delisio-EPA	<ol style="list-style-type: none"> 1. Operate and maintain ambient air quality monitoring network in compliance with 40 CFR Part 58. 2. Recipient attaches copy of template to its Section 105 Work Plan. 3. Review, validate and submit all required data to the Air Quality System (AQS) within 90 days of the end of each calendar quarter. 4. Ensure precision and accuracy data are submitted to the AQS as stipulated in 40 CFR Part 58.35. 5. Submit hourly ozone and PM2.5 concentration data to the USEPA AIRNow program. 6. Certify all criteria pollutant data via letter as accurate to best of knowledge by May 1 of the following year. 7. Attends meetings and participates on conference calls as time and funding permit. 	<p>MPCA prepares an annual summary of AQI data showing the number of days the AQI exceeds 100 for ozone and PM2.5 for all locations in the AQI network.</p> <p>FFY 2009 Report: Air Quality Index statistics for 2008 were compiled and published on the MPCA web site at - http://www.pca.state.mn.us/index.php?option=com_k2&Itemid=91&id=995&lang=en&layout=item&view=item</p>
OAQPS N004	Cumulative percentage reduction in the average number of days during the ozone season that the ozone standard is exceeded in baseline non-attainment areas, weighted by population.	Frank Kohlasch & Rick Strassman/ Edward Delisio-EPA	<ol style="list-style-type: none"> 1. Operate and maintain ambient ozone monitoring network in compliance with 40 CFR Part 58. 2. Recipient attaches copy of template to its Section 105 Work Plan. 3. Review, validate and submit all required data to the Air Quality System (AQS) within 90 days of the end of each calendar quarter. 4. Ensure precision and accuracy data are submitted to the AQS as stipulated in 40 CFR Part 58.35. 5. Submit hourly ozone concentrations data to the USEPA AIRNow program. 6. Certify ozone data via letter as accurate to best of knowledge by May 1 of the following year. 7. Attends meetings and participates on conference calls as time and funding permit. 	<p>Trends in ozone levels for Twin Cities 1996 - 2006</p> <p>FFY 2009 Report: Ozone trend data for 1994-2007 was compiled and published in the 2009 Report to the Legislature - Air Quality In Minnesota: Emerging Trends. The report can be found at – http://www.pca.state.mn.us/publications/reports/lr-airqualityreport-2009.html</p>
OAQPS M11	Percentage of affected entities who submit data to AQS in accordance with Part 58.	Frank Kohlasch & Luke Charpentier/ Rick Strassman/ Edward Delisio-EPA	<ol style="list-style-type: none"> 1. Operate and maintain ambient air quality monitoring network in compliance with 40 CFR Part 58. 2. Recipient attaches copy of template to its Section 105 Work Plan. 3. Review, validate and submit all required data to the Air Quality System (AQS) within 90 days of the end of each calendar quarter. 4. Ensure precision and accuracy data are submitted to the AQS as stipulated in 40 CFR Part 58.35. 	<p>MPCA Performance Measures: Percent of Valid Air Data Captured by Ambient Monitoring Network (OPR)</p> <p>FFY 2009 Report: Percent valid data capture from the ambient criteria pollutant monitoring network for FFY09 was 95%. Data capture for each pollutant was -</p>

		<p>5. Submit hourly ozone and PM2.5 concentration data to the USEPA AIRNow program.</p> <p>6. Certify all criteria pollutant data via letter as accurate to best of knowledge by May 1 of the following year.</p> <p>7. Attends meetings and participates on conference calls as time and funding permit.</p>	<p>CO - 96% SO2 - 96% O3 - 94% NO2 - 96% Pb - 96% PM10 -94% PM2.5 - 92%</p> <p>EPA's Comments Regarding Monitoring Activities:</p> <p>Monitoring milestones and commitments are being met with the following exception to note: PM2.5 semi-annual flow rate audits - two are required, but sometimes sites had reported more than two and the report indicated that the criteria were not met. The regulations state that semi-annual flow rates audits is performed every six months. If two of the reported audits are not between 5 and 7 months of each other, the report indicates the criteria is not being met. It won't prevent certification, and it is not a major QA issue, but we want to let you know that EPA is evaluating the AQS data in this report with this strict criteria.</p> <p><u>MPCA's Response:</u> Many of the PM2.5 monitors are co-located with the Ozone monitors. As a cost saving measure, (travel expenses), and due to an impending surgery the auditor was scheduled for on his shoulder, the two audits (Ozone and PM2.5) were performed at the same time. Since Ozone monitoring is not performed year-round, and several of the locations are outstate, this limits the time period window for audits at these locations. To comply with the strict criteria in the future, extra site visits will be made to perform the audits within the time frame required by the CFR. In addition, in 2009, the PM2.5 monitoring network was being upgraded from single event samplers to sequential samplers. In some cases, the auditors' site visits coincided with this upgrade effort, and no upgraded sampler had yet been installed. In two cases, sampling of PM2.5 was</p>
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				<p>discontinued, and final audits were conducted at that point, without regard to the 6 month criteria thereby showing only one audit causing a flag of those two closed monitors.</p> <p>MPCA discussed the issue with Mr. Ed Delisio and concluded the MPCA was correct in the approach taken in 2009 and these data points are not a serious issue. MPCA will avoid having further data flagged due to audits although cost savings will be discussed in further meetings.</p>
	# of Commitments: 5			

Goal: 1 CLEAN AIR AND GLOBAL CLIMATE CHANGE (Essential Element #1)

Objective 1.1: Clean Air and Healthy Outdoor Air: Through 2011, working with partners, protect human health and the environment by attaining and maintaining health-based air-quality standards and reducing the risk from toxic air pollutants.

Sub-objective: 1.1.2: By 2011, working with partners, reduce air toxics emissions and implement area-specific approaches to reduce the risk to public health and the environment from toxic pollutants.

OAQPS T001	Cumulative reduction in tons of toxicity-weighted (for cancer risk) emissions of air toxics compared to 1993 baseline.	Frank Kohlasch & Shelley Burman/ Jackie Nwia - EPA	<ol style="list-style-type: none"> 1. MPCA will complete validation of MnRiskS tool by March, 2009. 2. MPCA will collaborate with City of Minneapolis staff and neighborhood groups to identify strategies for reducing air toxics in Minneapolis neighborhoods -- for this effort in Minneapolis, MPCA will identify strategies and quantify reductions by pollutant after strategies are implemented. 3. MPCA will complete 2008 and 2011 National Emissions Inventory (NEI). 4. MPCA participates in quarterly Region V air toxics conference calls and attends annual meeting. <p><u>FFY 2010 Revisions:</u> Discussed at July 09 annual meeting. -Updated joint priority tasks (MPCA & EPA); see corresponding joint priorities document.</p>	<p>MPCA will be communicating on this effort with EPA Region 5 as this is a Joint Priority in the EnPPA. MPCA will be able to provide information on air toxics risk hot spots, pollutants that contribute to risk, and strategies to reduce emissions, in the timeframes delineated in the MPCA strategic plan.</p> <p>FFY 2009 Report:</p> <ol style="list-style-type: none"> 1. MPCA completed first phase of validation & comparison tests of initial results (2002 emissions & ISC). Began processing 2005 emissions (point, non point, mobile) for planned update to MnRiskS database using AERMOD. Used initial results to inform progress on MPCA strategic objectives. 2. Facilitated formation of the CAIP and provided information on strategies to reduce impacts from emissions in their neighborhood.
OAQPS T002	Cumulative reduction in tons of toxicity-weighted (for non-cancer risk) emissions of air toxics compared to 1993 baseline.	Frank Kohlasch & Shelley Burman/ Jackie Nwia - EPA	<ol style="list-style-type: none"> 1. MPCA will complete validation of MnRiskS tool by March, 2009. 2. MPCA will collaborate with City of Minneapolis staff and neighborhood groups to identify strategies for reducing air toxics in Minneapolis neighborhoods -- for this effort in Minneapolis, MPCA will identify strategies and quantify reductions by pollutant after strategies are implemented. 	<p>MPCA will be communicating on this effort with EPA Region V as this is a Joint Priority in the EnPPA. MPCA will be able to provide information on air toxics risk hot spots, pollutants that contribute to risk, and strategies to reduce emissions, in the timeframes delineated in the MPCA strategic plan.</p>

			<p>3. MPCA will complete 2008 and 2011 National Emissions Inventory (NEI).</p> <p>4. MPCA participates in quarterly Region V air toxics conference calls and attends annual meeting.</p>	<p>FFY 2009 Report: see above</p>
<p>OAQPS T07</p>	<p>Number of S/L/T agencies collecting data for the 2008 HAP emissions inventory.</p>	<p>Frank Kohlasch/ Jackie Nwia - EPA</p>	<p>MPCA prepares a HAP emission inventory every three years and submits to EPA as part of NEI. MPCA contributes to the Great Lakes Atmospheric Deposition Program through its emission inventory work and also through the GLAD Program Management Team (PMT).</p> <p>Jan 2008 - June 30, 2009: Pre-submission activity to collect emission and activity information for NEI emission calculation, including facility inventory data. July 1, 2009 - June 1, 2010: Submit NEI Emissions Data for point, nonpoint and mobiles sources in Minnesota to USEPA June 2, 2010 - Dec 30, 2010: Post submission activity including revisions to emission estimates, adoption of non-state specific emissions, preparing NEI drafts and receiving stakeholder review and comment. Dec 31, 2010 and beyond: Post-publication period, including the General Purpose Release published on public website and transmission of final inventory to Great Lakes Commission and preparation of emission data for import to MnRiskS.</p>	<p>MPCA Performance Measures: Data Management Milestones for preparation and submittal of triennial NEI data (OPR); Percent of Criteria Pollutant EI Entered into DELTA (OPR)</p> <p>FFY 2009 Report: <u>Point Sources:</u></p> <ul style="list-style-type: none"> Collected emission data from 256 large facilities, 262 Option D facilities, and 4 Option C facilities that accounted for 81%, 82%, and 27% of expected reporting sources, respectively. <p><u>Nonpoint Sources:</u></p> <ul style="list-style-type: none"> Collected activity data from 50% dry cleaners Conducted a survey for residential wood combustion and completed emission estimation <p><u>Mobile Sources:</u></p> <ul style="list-style-type: none"> Collected activity data from railroad companies, Obtained vehicle registration number and worked on decoding Obtained registration data for pleasure craft and recreational equipment
<p>OAQPS M20</p>	<p>Percentage of affected entities that operate NATTS in accordance with National Guidance and QAPPs.</p>		<p>N/A</p>	
	<p># of Commitments: 4</p>			

Code	State Negotiated Measures (Essential Element #2)	MPCA Contact	Planned Accomplishments/Commitments (Essential Element #3)	Comments/Status or Progress Report
	Permits			MPCA Performance Measures: Percent of Major Air Permits Current (OPR); Air Emissions Recovered/Prevented Due to Enforcement (OPR)
OAQPS P001 1)	Percentage of major NSR permits issued within one year of receiving a completed permit application.	Don Smith/ Jennifer Darrow - EPA	Issue 75% of major air permits within one year of complete application.	<p>MPCA Performance Measures: Percent of Major Air Permits Current (OPR)</p> <p><u>FFY 2009 Report:</u> Issued 67% (2 of 3) of major air permits within one year of initial application (issued 3 major NSR permits); data on complete application date not available</p> <p><u>EPA Comment:</u> MPCA has committed to issue 75% of major air permits within one year of complete application. MPCA issued 67% of major air permits within one year of initial application. Although this measure does not appear to have been met, EPA recognizes that it was likely due to the fact that MPCA is not tracking when the permit application is considered complete. EPA recommends that MPCA begin tracking initial application receipt, as well as the date the application is considered complete.</p>
OAQPS P08a 2)	Percentage of Title V (Part 70) significant modifications issued within 18 months of receiving a complete permit application	Don Smith/ Jennifer Darrow - EPA	Issue 75% of Title V significant modifications within 18 months of complete application.	<p>MPCA Performance Measures: Percent of Major Air Permits Current (OPR)</p> <p><u>FFY 2009 Report:</u> Issued 76% (28 of 37) of Title V significant modifications within 18 months of initial application; data on complete application date not available</p> <p><u>EPA Comment:</u> MPCA has committed to issue 75% of T5 significant modifications within 18 months of complete application. In 2009, MPCA issued 76% of T5 significant modifications within 18 months of application. EPA encourages MPCA to continue to meet this measure.</p>

<p>OAQPS P08b 3)</p>	<p>Percentage of Title V (Part 70) initial permits issued within 18 months of receiving a complete permit application</p>	<p>Don Smith/ Jennifer Darrow - EPA</p>	<p>Issue 60% of Title V initial permits within 18 months of complete application.</p>	<p>MPCA Performance Measures: Percent of Major Air Permits Current (OPR)</p> <p><u>FFY 2009 Report:</u> Issued 0% of Title V initial permits within 18 months of complete application. There were 13 initial Title V permit applications in June 2008 and there are 8 initial Title V permit applications as of June 2009. Five initial TV permit applicants either withdrew their application or changed their application for a different type of permit</p> <p><u>EPA Comment:</u> MPCA has committed to issue 60% of T5 initial permits within 18 months of complete application. In 2009, MPCA issued 0% of initial T5 permits within 18 months of complete application. EPA encourages MPCA to work to improve the speed by which it takes to issue their T5 permits.</p> <p><u>MPCA response:</u> As indicated in a previous item, MPCA is still working on a completeness tracking system which will improve our numbers here.</p>
<p>OAQPS P11 4)</p>	<p>Report TOPs data to EPA by scheduled deadlines (July 31 and January 31 of each year)</p>	<p>Don Smith/ Jennifer Darrow - EPA</p>	<p>Report TOPs data to EPA by due date 100% of the time.</p>	<p>MPCA Performance Measures: Percent of Major Air Permits Current (OPR)</p> <p><u>FFY 2009 Report:</u> Reported TOPs data to EPA by due date 100% of the time</p> <p><u>EPA Comment:</u> MPCA has committed to report TOPs data to EPA by due date 100% of the time. MPCA met this measure 100% of the time. EPA encourages MPCA to continue to meet this measure.</p>
<p>OAQPS P17 5)</p>	<p>Percentage of timely data on NSR permits issued for new major sources and major modifications, submitted to the RBLC national database within 120 days of permit issuance. Data</p>	<p>Don Smith/ Jennifer Darrow - EPA</p>	<p>Report data to RBLC within 120 days of permit issuance 75% of the time.</p>	<p>MPCA Performance Measures: Percent of Major Air Permits Current (OPR)</p> <p><u>FFY 2009 Report:</u> Report data to RBLC within 120 days of permit issuance 67% (2 of 3) of the time</p>

	submission must include "the application accepted date" and the "permit issuance date"			<p><u>EPA Comment:</u> MPCA has committed to report data to the RBLC within 120 days of permit issuance 75% of the time. MPCA has reported meeting this measure 67% of the time. EPA encourages MPCA to work to meet this measure, as timely information in the RBLC is necessary to permit sources with the lowest emissions rates and newest control technology. This measure is achievable since the data is already available to MPCA and does not need to be generated, especially considering the small number of PSD permits it typically processes each year. EPA strongly encourages MPCA to work to meet this measure in the future.</p> <p><u>MPCA response:</u> MPCA had only three actions last year; one of them was not entered on time due to staff moving to a supervisory position & not being able to get it done on time.</p>
6)	Continue to make progress in reducing the backlog of Title V (Part 70) initial, significant modification and renewal permits	Don Smith/ Jennifer Darrow - EPA	Reduce backlog of Title V (Part 70) initial, significant modification and renewal permits by 10% each year.	<p>MPCA Performance Measures: Percent of Major Air Permits Current (OPR)</p> <p><u>FFY 2009 Report:</u> Reduce backlog of Title V (Part 70) initial permit by 20%, significant modification permits by 10% and renewal permits by 9.8% (issued or processed 37 applications for reissuance of a Title V permit)</p> <p><u>EPA Comment:</u> MPCA has committed to reduce their backlog of initial T5, significant modifications and T5 renewal permits by 10% each year. MPCA has essentially met this measure. EPA encourages MPCA to continue the efforts to reduce their permit backlog.</p>

	Regulation			MPCA Performance Measures: SIPs and Rulemaking Benchmarks
1)	Fulfill requirements of the Clean Air Act	Frank Kohlasch & John Seltz/ Kathleen Dagostino - EPA	Submit Regional Haze SIP (first quarter 2009). <u>FFY 2010 Revisions:</u> Submit Regional Haze SIP by end of 2009.	FFY 2009 Report: Regional Haze SIP submitted December 30, 2009.
2)	Fulfill requirements of the Clean Air Act	Frank Kohlasch & John Seltz/ Kathleen Dagostino - EPA	Submission of area designation and boundary recommendations for Lead NAAQS will be submitted by October 2009 deadline. <u>FFY 2010 Revisions:</u> Submission of area designation and boundary recommendations for Lead NAAQS by October 2009 deadline.	FFY 2009 Report: Done
3)	Ensure compliance with NAAQS	Frank Kohlasch & John Seltz/ Kathleen Dagostino - EPA	Submit Transportation Conformity SIP (by third quarter 2009). <u>FFY 2010 Revisions:</u> Submit Transportation Conformity SIP in third quarter 2010.	FFY 2009 Report: Transportation conformity SIP needs signature by several parties.
4)	Ensure compliance with NAAQS	Frank Kohlasch & John Seltz/ Kathleen Dagostino - EPA	Rochester SO2 maintenance plan SIP will be submitted (by end of 2009). <u>FFY 2010 Revisions:</u> Continue work towards Rochester SO2 maintenance plan SIP submittal.	FFY 2009 Report: Need for modeling has lengthened this time frame. Some improvements being made on a facility-by-facility basis.
5)	Ensure compliance with NAAQS	Frank Kohlasch & John Seltz/ Kathleen Dagostino - EPA	Submit designation recommendation for 2008 8-hour ozone standard by March 2009 deadline. <u>FFY 2010 Revisions:</u> Submit Section 110 infrastructure SIP for PM2.5, Lead, and Ozone (after EPA guidance).	FFY 2009 Report: Guidance only recently received. We have an initial draft of the PM2.5 infrastructure SIP. We anticipate submittal in January 2010.
6)	Ensure compliance with NAAQS	Frank Kohlasch & John Seltz/ Kathleen Dagostino - EPA	Submit necessary maintenance plan updates using a process to be developed in collaboration with EPA Region 5. <u>FFY 2010 Revisions:</u> Make progress in completing necessary maintenance plan updates using a process to be developed in collaboration with EPA Region 5.	FFY 2009 Report: One maintenance plan submitted in conjunction with facility-specific SIP submittal. Waiting for EPA comments/approval of that maintenance plan.

7)	Ensure compliance with NAAQS	Frank Kohlasch & John Seltz/ Kathleen Dagostino - EPA	Submit SIP updates to EPA for approval when needed (e.g., when SIP approved rules or site specific SIPs are revised).	<u>FFY 2009 Report:</u>
8)	Ensure compliance with NAAQS	Frank Kohlasch & John Seltz/ Kathleen Dagostino - EPA	Notify EPA of any violation of the NAAQS and address any such violation.	<u>FFY 2009 Report:</u> The only violation has been of the new lead standard. Remedial actions are in place. A designation recommendation was submitted on schedule. A SIP is in development.
9)	Ensure compliance with NAAQS	Frank Kohlasch & John Seltz/ Kathleen Dagostino -EPA	<u>FFY 2010 Revisions:</u> 1) Submit area designations and boundary recommendations for revised NAAQS by deadlines (expected include NO2, new SO2). 2) Submit lead SIP by deadline.	(New measure for FFY 2010) NO2 and SO2 standards not yet finalized. Lead designation recommendation has been submitted and a SIP is in development.
10)	Ensure compliance with NAAQS	Frank Kohlasch & John Seltz/ Kathleen Dagostino -EPA	<u>FFY 2010 Revisions:</u> Submit Twin Cities CO maintenance plan, after developing limited maintenance plan framework in conjunction with EPA.	(New measure for FFY 2010) We have secured funding for technical work needed. Work should be completed by end of 1st quarter 2010 and a maintenance plan should be submitted by July 1.
11)	Ensure compliance with NAAQS	Frank Kohlasch & John Seltz/ Kathleen Dagostino -EPA	<u>FFY 2010 Revisions:</u> Revise significant harm levels as needed (PM2.5, ozone, lead).	(New measure for FFY 2010) We are waiting for EPA recommendations

Greenhouse Gases/Climate Change				
1)	Greenhouse Gases/Climate Change	Frank Kohlasch & John Seltz/ Melissa Hulting-EPA	<p>1) Continue work with The Climate Registry to support greenhouse gas reporting and verification through TCR.</p> <p>2) Develop and refine a Minnesota greenhouse gas emission inventory to support Strategic Plan tracking.</p> <p>3) Develop data collection and reporting mechanisms for non-emission inventory greenhouse gas information required by state or federal law.</p> <p>4) Participate as necessary in implementation of approved strategies from the Minnesota Climate Change Advisory Group.</p>	<p>FFY 2009 Report: This needs to be changed for FFY 10. In FFY 09, we completed data collection for HGWP and auto manufacturers and legislative reports required by state law. The reports covering HGWP control options and GHG emission trends are posted on our website. Given EPA proposed GHG registration rule and tailoring rule and a major redesign of the state emission reporting system, we have shifted gear to facilitating implementation of the federal rules and redesigning the state emission inventory system to accommodate GHG. The MPCA is pursuing policy initiatives in the areas of adaptation and sequestration. The MMPCA also participated in the Midwest Accord GHG strategy development effort.</p>
Regional Haze				
1)	Regional Haze	Frank Kohlasch & John Seltz/ Matthew Rau-EPA	<p>Submit and implement Regional Haze SIP in manner consistent with the future application CAIR or other relevant federal rules applicable to Minnesota.</p> <p><u>FFY 2010 Revisions:</u> Submit and implement Regional Haze SIP in manner consistent with the relevant federal rules applicable to Minnesota.</p>	<p>FFY 2009 Report: See Regulation 1)</p>
New GLAD Grant (Starting FFY 2010) (Great Lakes Air Deposition)				
1)	Mercury Reduction/TMDL (this item was moved from its own Mercury heading to join with GLAD since mercury work activities fit well under the new heading)	Frank Kohlasch & John Seltz/ Alexis Cain-EPA	<p>1) Develop the implementation plan for realization of mercury emission reductions by timelines established by the Mercury TMDL Advisory Group.</p> <p>2) Promulgate mercury emission inventory rule to support implementation of the Mercury TMDL.</p> <p><u>FFY 2010 Revisions:</u> 1) Implement strategies to realize mercury emission reductions by timelines established in Mercury TMDL 2) Promulgate mercury emission inventory rule to support implementation of the Mercury TMDL.</p>	<p>FFY 2009 Report: TMDL implementation plan finalized and published on MPCA website. Hg inventory rulemaking initiated. Anticipate having a draft of the rule by end of 2009 and completion of rulemaking by end of 2010.</p>

			3) Continue participation in Great Lakes Regional Collaboration to develop and implement regional mercury reduction strategies (New Item suggested by C. Nash).	
2)	Quantification of technically challenging Mercury emission sources	Marvin Hora & Paul Hoff & Ed Swain	<p>1) Obtain cooperation of at least 2 metal shredders and 2 fluorescent lamp recyclers for matching of activity levels and field data.</p> <p>2) For each facility, obtain at least 5 short episodes of activity level & downwind field data of Hg concentrations, wind speed, & turbulence.</p> <p>3) If time permits within FY2010, begin development of emission factors: Format data and begin “backwards” dispersion modeling to calculate emissions.</p>	
3)	MnRiskS Enhancement Project	Frank Kohlasch & Shelley Burman/ Jackie Nwia - EPA	<p>Enhance the MnRiskS tool and run MnRiskS using 2005 emissions to:</p> <p>1) Allow easier identification of sub-categories of persistent, bioaccumulative toxics (PBTs), primarily dioxins and furans, and other implicated pollutant emission sources (currently area and mobile sources at broad categories).</p> <p>2) Validate results against monitoring data and against other detailed risk assessment, including information for sub-categories of PBTs.</p> <p>3) Use results for the identification of pollutants, pathways, geographic areas, sources, and source categories of concern to inform MPCA's strategic plan.</p>	
	#of Commitments: 22			

**Minnesota PPG Max Workplan (with Three Essential Elements)
OSWER (Office of Solid Waste and Emergency Response) [Toxic Subs. Compliance] FFY 2009 – 2012
FFY09 Report with FFY10 Workplan revisions**

Code	Common Template Measures (Essential Element #2)	MPCA Contact	Planned Accomplishments/Commitments (Essential Element #3)	Comments/Status or Progress Report
Goal: 5 COMPLIANCE AND ENVIRONMENTAL STEWARDSHIP (Essential Element #1)				
Objective: 5.1: Achieve Environmental Protection through improved compliance: By 2011, maximize compliance to protect human health and the environment through enforcement and other compliance assurance activities by achieving a 5% increase in the pounds of pollutants reduced, treated, or eliminated by regulated entities, including those in Indian country.				
	Sub objective: 5.1.3: Monitoring and Enforcement: By 2011, identify, correct, and deter noncompliance and reduce environmental risks, with an emphasis on achieving results in all areas including those with potential environmental justice concerns, through monitoring and enforcement of regulated entities' compliance, including those in Indian country, by achieving: a 5% increase in the number of facilities taking complying actions during EPA inspections and evaluations after deficiencies have been identified; a 5 percentage point increase in the percent of enforcement actions requiring that pollutants be reduced, treated, or eliminated; and a 5 percentage point increase in the percent of enforcement actions requiring improvement of environmental management practices.			

Categorical Grant: Toxic Substances compliance - Lead, PCBs & Asbestos				
LEAD-G01	Number of 402/406 inspections by state.		N/A to MPCA	
LEAD-G02	Number of enforcement actions taken by state.		N/A to MPCA	
TSC-G01	Total number of PCB inspections conducted by state. (PCB TDFs need to be inspected once every 3 years)	Jeff Connell & John Elling/Ken Zolnierczyk-EPA	20 PCB inspections per year for each of the EnPPA year at current funding level. *Of these 20 PCB inspections, there are two Approved PCB Commercial Storage facilities in Minnesota, which need to be inspected every three years - therefore, we will do one of these facilities in two out of every three years.	<u>FFY 2009 Report:</u> MPCA completed 20 PCB inspections and met the federal commitment.
TSC-G02.a	Number of asbestos inspections conducted by state with EPA credentials.		N/A to MPCA	

TSC-G02.b	Number of asbestos inspections conducted by state under own authority (waiver states).		N/A to MPCA	
TSC-G03.a	The number of PCB inspections conducted with EPA credentials that resulted in federal enforcement action (including civil penalties and Notices of non-compliance)		N/A to MPCA	
TSC-G03.b	The number of asbestos inspections conducted with EPA credentials that resulted in federal enforcement action (including civil penalties and Notices of non-compliance)		N/A to MPCA	
	# of Commitments: 7			

Note: The land unit issues compliance agreements to HW generators who collect and recycle fluorescent bulbs. The agreements regulate the crushing of fluorescent bulbs, the retorting of the mercury-containing phosphate powder, and create performance standards which the remaining components of the bulbs must meet before shipping to the designated recipients.

Code	State Negotiated Measures (Essential Element #2)	MPCA Contact	Planned Accomplishments/Commitments (Essential Element #3)	Comments/Status or Progress Report
CAA 01.s 1)	Number of Full Compliance Evaluations (FCEs) to be conducted at T5 major sources per year.	Bob Beresford/ Katie Koelfgen/ Jeff Connell & Lisa Holscher - EPA	Between FFY 2009 and 2010, MPCA will conduct FCEs for 100% of their T5 universe per the Compliance Monitoring Strategy. Between FFY 2011 and 2012, MPCA will conduct FCEs for 100% of their T5 universe per the Compliance Monitoring Strategy.	FFY 2009 Report: 100% completed for FFY 2009 - Koelfgen

CAA 02.s 2)	Number of Full Compliance Evaluations (FCEs) to be conducted at 80%SM sources per year.	Bob Beresford/ Katie Koelfgen/ Jeff Connell & Lisa Holscher - EPA	Between FFY 2009 and 2010, MPCA will conduct FCEs for the remaining 80% Synthetic Minor Sources so that MPCA will achieve a 100% completion rate per the Compliance Monitoring Strategy for the 5 year period FFY 2006 - 2010. Between FFY 2011 and 2012, MPCA will conduct FCEs for the 80% Synthetic Minor Sources so that MPCA will achieve a 100% completion rate per the Compliance Monitoring Strategy for the 5 year period FFY 2011 - 2015.	<u>FFY 2009 Report:</u> 100% completed for FFY 2009 - Koelfgen
CAA 16 3)	Ensure that delegated agency has a written agreement to provide complete, accurate and timely data consistent with the Compliance Monitoring Strategy (CMS), High Priority Violation (HPV) Policy, and the Air Facility System (AFS) Information Collection Request (ICR).	Bob Beresford/ Katie Koelfgen/ Jeff Connell & Lisa Holscher - EPA	The execution of this workplan satisfies this measure.	<u>FFY 2009 Report:</u> The CMS was followed for FFY 2009 - Koelfgen
CAA 17 4)	MPCA shall enter all Minimum Data Requirements (MDRs) into AFS consistent with Agency policies and the AFS ICR.	Bob Beresford/ Katie Koelfgen/ Jeff Connell & Lisa Holscher - EPA	Data is to be entered into AFS within 60 days of occurrence.	<u>FFY 2009 Report:</u> MDRs entered into AFS in a timely manner - Koelfgen
	#of Commitments: 4			

**Minnesota PPG Max Workplan (with Three Essential Elements)
OSWER (Office of Solid Waste and Emergency Response) [HW Fin. Assistance] FFY 2009 – 2012
FFY09 Report with FFY10 Workplan revisions**

Code	Common Template Measures (Essential Element #2)	MPCA Contact	Planned Accomplishments/Commitments (Essential Element #3)	Comments/Status or Progress Report
Goal: 3 LAND PRESERVATION AND RESTORATION (Essential Element #1)				
Objective 3.1: Preserve Land: By 2011, reduce adverse effects to land by reducing waste generation, increasing recycling, and ensuring proper management of waste and petroleum products at facilities in ways that prevent releases.				
Sub-objective 3.1.2: Manage Hazardous Wastes and Petroleum Products Properly: By 2011, reduce releases to the environment by managing hazardous wastes and petroleum products properly.				
Categorical Grant: Hazardous Waste Financial Assistance				
HW3	HW0 - Number of hazardous waste facilities with new or updated controls.	Ainars Silis/Willie Harris/Mary Setnicar EPA	Reissue FY09 workplan: NewPage, SPX/Sartell, Burlington Northern, Gopher Resource, Ashland Inc., terminate IBM permit. Reissue FY10 workplan: Xcel, Safety-Kleen Eagan, Safety-Kleen Blaine, 3M Reissue FY11 workplan: Alliant Proving Ground, UofM-FTCEM, Minnesota Air National Guard, Mayo, Gerdau Ameristill Reissue FY12 workplan: Minnesota Power/Allete, Safety-Kleen Cloquet, BAE, Univar, Minco	Permits include financial assurance & closure cost estimates. Next 5-year cycle of permits may include P2 possibilities. FFY 2009 Report: New Page permit reissued 10/15/08.SPX moved to 2010 and public noticed 10/09/09. Burlington Northern, working with Superfund to address remediation approach. Gopher Resource permit reissued 4/23/09. Ashland permit reissued 5/12/09. IBM permit termination moved to 2010 to be completed in October 2009.
	#of Commitments:1			

Goal: 3 LAND PRESERVATION AND RESTORATION (Essential Element #1)

Objective 3.2: Restore Land: By 2011, control the risks to human health and the environment by mitigating the impact of accidental or intentional releases and by cleaning up and restoring contaminated sites or properties.
Sub-objective 3.2.2: Clean up and Revitalize Contaminated Land: By 2011, control the risks to human health and the environment at contaminated properties or sites through cleanup, stabilization, or other actions and make land available for reuse.

CA1	Number of RCRA facilities with human exposures under control.	Crague Biglow/ Hak Cho - EPA	In 2009, MPCA will commit to 5 RCRA facilities with human exposures under control (CA 725). MPCA and Region 5 will renegotiate the commitment for this measure in 2010 and 2011. <u>FFY 2010 Revisions:</u> In 2010, MPCA will commit to achieving human exposures under control (CA 725) at 92% of 2020 sites. MPCA and Region 5 will re-negotiate the commitment for this measure in 2011.	RCRA Corrective Action 2020 GPRA sites. FFY 2009 Report: Human exposures are controlled (CA725) at 91% of Minnesota's facilities on the 2020 GPRA baseline list. The MPCA has sufficiently met the 2009 PPG CA725 goals in context of the 2020 GPRA goals.
CA5	Number of RCRA facilities with final remedies constructed.	Crague Biglow/ Hak Cho - EPA	In 2009, MPCA will commit to 5 RCRA facilities with final remedies constructed (CA 550). MPCA and Region 5 will renegotiate the commitment for this measure in 2010 and 2011. <u>FFY 2010 Revisions:</u> In 2010, MPCA will commit to achieving final constructed (CA 550) at 83% of 2020 sites. MPCA and Region 5 will re-negotiate the commitment for this measure in 2011.	RCRA Corrective Action 2020 GPRA sites. FFY 2009 Report: Remedies have been constructed (CA550) at 83% of Minnesota's facilities on the 2020 GPRA baseline. The MPCA has sufficiently met the 2009 PPG CA550 goals in context of the 2020 GPRA goals.
#of Commitments: 2				

Code	State Negotiated Measures (Essential Element #2)	MPCA Contact	Planned Accomplishments/Commitments (Essential Element #3)	Comments/Status or Progress Report
1)	Hazardous Waste Compliance and Enforcement See note below*	Jeff Connell & John Elling/ Ken Zolnierczyk - EPA	With USEPA inspect all operating TSDs every 2 years; With USEPA and JPA Counties, inspect LQGs every 5 years unless operating under a flexibility plan; address violations in accordance with the MPCA Enforcement Response Plan, collect data and ensure data is entered into appropriate national database systems in a timely manner; Research, develop, test and implement efforts to increase pollution prevention practices, innovate regulatory programs and increase environmental performance.	FFY 2009 Report: The MPCA conducted 12 TSDF CEI's and met the Federal Commitment for this fiscal year. The MPCA is still operating under a flexibility plan. Under that plan the MPCA completed the following; 14 LQG CEI's, 16 LQG CEI Hospital Initiative inspections, 18 LQG CEI's Hennepin County JPA, 1 Adjusted LQG CEI now reporting as a SQG. The Significant compliance rate for FFY2009 is 94%.

CA2 2)	Number of RCRA facilities with release to groundwater under control (CA750).	Crague Biglow/ Hak Cho - EPA	<p>In 2009, MPCA will commit to 5 RCRA facilities with migration of contaminated ground water under control (CA 750).</p> <p>MPCA and Region 5 will renegotiate the commitment for this measure in 2010 and 2011.</p> <p><u>FFY 2010 Revisions:</u> In 2010, MPCA will commit to achieving migration of contaminated groundwater under control (CA 750) at 90% of 2020 sites. MPCA and Region 5 will re-negotiate the commitment for this measure in 2011.</p>	<p>RCRA Corrective Action 2020 GPRA sites.</p> <p><u>FFY 2009 Report:</u> Migration of Groundwater Contamination is controlled (CA750) at 90% of Minnesota's facilities on the 2020 GPRA baseline list. The MPCA has sufficiently met the 2009 PPG CA750 goals in context of the 2020 GPRA goals.</p>
3)	RCRA Authorization	Dave Richfield	<p>Minnesota will adopt the rules proposed on July 14, 2008. Minnesota will submit a draft application for ARA 10.</p>	<p><u>FFY 2009 Report:</u> Minnesota adopted the rules proposed on July 14, 2008, on June 15, 2009 (effective June 22, 2009). Minnesota submitted a draft Authorization Revision Application (ARA 10) on September 30, 2009.</p>
4)	RCRA Info	Leslie Goldsmith	<p>MPCA will ensure the timely entry of all RCRAInfo data fields for which it is the State implementer of record (IOR). Data entry is required within one month of the completion of any recordable RCRA program activity, <i>subject to the availability of RCRAInfo and timely notice of changes to its structure and requirements</i>. MPCA will also submit biennial report files in accordance with future timeframes established by EPA's Office of Solid Waste.</p>	<p><u>FFY 2009 Report:</u> Minnesota sustained its translation to RCRAInfo during FFY2009. There were intermittent challenges and outages as additional error checks were implemented in RCRAInfo. As additional edit checks were activated, Minnesota responded to the errors and provided the appropriate data.</p> <p>In September 2009, the MPCA began preparation for the Biennial Report due in Early calendar year 2010.</p>
	#of Commitments: 4			

*1. MPCA's Hospital Initiative, a flexibility plan that was in place in 2008, is expected to continue into, and end, in 2009. MPCA will request in writing the extension of the initiative into, and end in 2009, as the region must forward this extension to EPA Headquarters. MPCA will issue a final report to the region which will be forwarded to EPA Headquarters, at the conclusion of the initiative in accordance with the flexibility plan.

2. MPCA intends to maintain its JPA with Hennepin County throughout the EnPPA time period. MPCA intends to enter into JPAs with additional metro counties during the EnPPA time period.

**Minnesota PPG Max Workplan (with Three Essential Elements)
OW (Office of Water) [Sec 106] FFY 2009 – 2012
FFY09 Report with FFY10 Workplan revisions**

Code	Common Template Measures (Essential Element #2)	MPCA Contact	Planned Accomplishments/Commitments (Essential Element #3)	Comments/Status or Progress Report
Goal: 2 CLEAN AND SAFE WATER (Essential Element #1)				
Objective 2.2: Protect Water Quality: Protect the quality of rivers, lakes, and streams on a watershed basis and protect coastal and ocean waters.				
Sub-objective 2.2.1: Improve Water Quality on a Watershed Basis: By 2012, use pollution prevention and restoration approaches to protect the quality of rivers, lakes, and streams.				
Categorical Grant: Pollution control (Section 106)				
SP-10	Number of waterbodies identified in 2002 as not attaining water quality standards where standards are now fully attained. (cumulative)	Glenn Skuta	8	FFY 2009 Report: No change.
WQ-01a	Number of States and Territories that have adopted EPA approved nutrient criteria into their water quality standards. (cumulative)	Marvin Hora/Mark Tomasek	Lake nutrient standards were adopted as part of the 2008 triennial review.	River nutrient standards are in progress and scheduled to be adopted in 2011.
WQ-01b	Number of States and Territories that are on schedule with a mutually agreed-upon plan to adopt nutrient criteria into their water quality standards. (annual)	Marvin Hora/Mark Tomasek	River nutrient standards are in progress and scheduled to be adopted in 2011. If changes are needed to nutrient criteria development plan in FY09, MPCA will submit them to EPA early enough so the changes can be mutually agreed upon by September 30, 2009.	FFY 2009 Report: On schedule.

<p>WQ-03a</p>	<p>Number, and national percent, of States and Territories that within the preceding three year period, submitted new or revised water quality criteria acceptable to EPA that reflect new scientific information from EPA or other resources not considered in the previous standards.</p>	<p>Marvin Hora/Mark Tomasek</p>	<p>EPA approved Minnesota's last triennial review on May 23, 2008, which included many new criteria: fish tissue-based mercury criteria, nutrient criteria for shallow lakes and reservoirs, criteria for the pesticides acetachlor and metolachlor, and E. coli bacteria criteria.</p> <p>-- For FY09, MPCA will finalize the scope of the 2008-2011 triennial review and have draft rules developed by Sept 30, 2009.</p> <p>-- Once draft rules are available, MPCA and EPA Region 5 will meet with the U.S. FWS to informally discuss Endangered Species Act issues.</p> <p>-- MPCA will have draft antidegradation (non-degradation) rules and SONAR by the second quarter of FY09, and proposed rules and completed SONAR by Sept 30, 2009.</p> <p>-- MPCA and Region 5 will coordinate on any site-specific WQS revisions that may need to be developed.</p> <p>-- For any new or revised criteria, MPCA will provide EPA updated criteria templates for the Great Lakes Initiative Clearinghouse within 60 days of adoption.</p>	<p>New EPA criteria are being considered for 2011. Initial notice for the 2008-2011 triennial review was published in the State Register in July 2008. A series of public meetings were held to take comment on the scope of the rulemaking, and public comments were obtained during the comment period. MPCA and Region 5 discussed the scope of the triennial review on November 4, 2008. Region 5 continues to work with the MPCA on antidegradation rulemaking issues as needed. Region 5 expects to provide a more complete review and comment once draft rules and SONAR documentation are available.</p> <p><u>FFY 2009 Report:</u></p> <p>The MPCA is completing drafts of technical support documents (TSD) for criteria (e.g. river eutrophication, turbidity, nonlyphenol, various human health) to be included in the 2008 – 2011 triennial review. A draft technical report has been reviewed with final comments submitted to the University of Minnesota in support of Class 3 and 4 revisions. EPA contracted nitrate lab toxicity studies are completed and a final report is anticipated in the next months. Completion of these necessary items has delayed SONAR and draft rule. A revised schedule will be discussed with EPA Water Quality Standards staff when TSD and other documents are final. Antidegradation stakeholder meetings are completed. A draft comparative analysis detailing current and proposed antidegradation implementation approaches is being routed for internal evaluation. Initiating SONAR and rule writing is anticipated in late Spring 2010 with hearings and rule adoption in 2011. MPCA has been coordinating with EPA standards and TMDL staff on a number of site specific standards and will be continuing this effort achieving final EPA approval of site specific standards.</p>
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WQ-05	Number of States and Territories that have adopted and are implementing their monitoring strategies in keeping with established schedules.	Shannon Lotthammer & Marvin Hora	<p>Continue to implement the 2004 Minnesota Monitoring Strategy:</p> <ul style="list-style-type: none"> *Intensively monitor 6-8 watersheds each year. This includes biological, physical and chemical monitoring of streams; flow and chemistry monitoring at the outlets of each watershed; monitoring 80-100 lakes each year (focusing on lakes >500 acres); and supporting citizen and local monitoring. This level of effort depends on continued state funding at the same level as the SFY2008-2009 biennium; if that funding is not continued, the planned accomplishments will need to be adjusted. *Continue to actively participate in the national probabilistic monitoring efforts (lakes, streams, wetlands, coastal waters), and conduct state-level probabilistic monitoring either as an add-on to the national studies or through a parallel state monitoring effort (example: state wetland WQ monitoring). *Conduct sampling at 65 wetland probability sites. *Continue to monitor ambient ground water quality in accordance with the state's integrated ground water quality monitoring system. In this inter-agency approach, the MPCA monitors about 100 wells per year, focusing on non-agricultural chemicals in urban areas. *Actively participate in and attend the Surface Water Monitoring and Standards Meeting and bio-assessment meetings. *Transfer water quality data to EPA's STORET Warehouse during 2009. Continue working with the consortium of states and EPA to develop a replacement system to the EPA STORET water quality data management system for state use. *Communicate statewide stream classification system developed in 2008, and develop IBIs based on the new classification system. *Develop a biocondition gradient for Minnesota basins and ecoregions for use in IBI in setting thresholds for impairment. *Communicate with external stakeholders about the purpose and expectations of TALU. *Continue to sample to support TALU classification system, and complete data analysis needed for TALU development. 	<p>The state is implementing a 10-year cycle for watershed monitoring. Planned accomplishments over the 10-year cycle are to intensively monitor all of the state's major (8-digit hydrologic unit code) watersheds, all of the lakes 500 acres or larger, and at least 25 percent of the lakes between 100 and 500 acres. Lake monitoring will be targeted through the use of citizen and remote-sensing data.</p> <p><u>FFY 2009 Report:</u> On schedule.</p>
WQ-08b	Number, and national percent, of approved TMDLs, that are established by States and approved by EPA [State TMDLs] on a schedule consistent with national policy. Note: A TMDL is a	Glenn Skuta	60 TMDLs each for FY09 and FY10. For FY11& 12 the commitment will be based on an updated pace calculation that takes into account changes in MPCA's 2010 303(d) List and the number of actual TMDLs approved in FY09 &10.	<p><u>FFY 2009 Report:</u> EPA approved 11 TMDL projects addressing 61 listings in FFY09. EPA has indicated that the goal for FFY10 is 70.</p>

	technical plan for reducing pollutants in order to attain water quality standards. The terms 'approved' and 'established' refer to the completion and approval of the TMDL itself.			
WQ-12a	Percent of facilities covered by NPDES permits that are considered current. [Note: Measure will still set target and commitment and report results in both % and #.]	Marni Karnowski	The MPCA will ensure that 100 % of general NPDES permits are considered current and 90% of facilities covered under general permits have current notices of coverage. The MPCA will also ensure that 90 % of NPDES individual permits will be considered current. Currently, the MPCA has 1168 NPDES permitted facilities, 725 facilities covered under individual permits and 443 facilities covered under general permits.	FFY 2009 Report: The agency ensured that in FFY 2009 90% or more of its NPDES permits were current. As of today, 10/22/09, the percent of permits that are current is 93.4% (1609 out of 1723 total permits). This total includes both individual and general permits.
WQ-13a	Number, and national percent, of facilities covered under either an individual or general MS-4 permit.	Don Jakes /Dale Thompson	*During FY 2009 we will issue general permit coverage to all 235 Small MS4s and reissue the individual permits to the two Phase I large MS4s. *Reissue general permit in 2011.	As of October 2008 we have public noticed 89% of the 235 small MS4s and issued permit coverage to 79%. Non-degradation loading assessments and degradation assessments are planned to be completed during FY09. Finally, Outstanding Resource Value Waters assessments for 25 MS4s will either be completed in FY09 or will have schedules to complete them established. FFY 2009 Report: Permit coverage was issued in FY09 to all remaining of the 235 small MS4s. The Select 30 (of the 235) MS4s have specific non-degradation study requirements. Review of the non-degradation submittals was completed in FY09; public notices of the Select 30's non-degradation determinations are planned for FY10. The two Phase I large MS4 individual permits were delayed for reissuance until late 1st Qtr. FY10 or early 2nd Qtr. FY10, due to the need for additional time to work through differences with the regulated cities on requirements regarding non-degradation and monitoring.

				<p><u>EPA comment:</u> MPCA asked EPA to review the pre-public notice draft Phase I MS4 permits for Minneapolis and St. Paul in 15 days. The State asked EPA to limit our comments to issues or concerns that would cause us to object to the permits. EPA completed its review within the time requested by the State. EPA did not find any provisions in either permit that would cause the region to object to the permits.</p>
WQ-13b	Number, and national percent, of facilities covered under either an individual or general industrial storm water permit.	Don Jakes /Ken Moon	During FY 2009, public notice the Industrial Stormwater multi-sector general permit. By 12-31-09, issue permit. Then extend coverage to approx. 1,760 known plus unknown number of additional ISW facilities, along with administration of (currently 2,327 of these) no-exposure certifications and on-going reissuance of individual permits.	<p>Two years into stakeholder work on general permit reissuance--likely to be controversial, contested case hearing and court appeals possible. More than 1,000 no exposure certifications received. Number of facilities to be covered under general permit likely much larger than current 1,760.</p> <p><u>FFY 2009 Report:</u> Three years into stakeholder work on general permit reissuance.</p> <p>Public notice and 60 day comment period on draft permit ended September 4, 2009. Response to numerous comments and several contested case hearing requests currently underway; preparing for MPCA Citizens' Board in January 2010.</p> <p><u>EPA comment:</u> MPCA asked EPA to review the pre-public notice draft General Permit for Storm Water Discharges Associated with Industrial Activities in 15 days. The State asked EPA to limit our comments to issues or concerns that would cause us to object to the permits. EPA completed its review within the time requested by the State. EPA did not find any provisions that would cause the region to object to the permit. Between November 2009 to the present, Region 5 staff has assisted MPCA with issues including applicability determinations, sector-specific requirements and a Q&A document MPCA is developing for industrial storm water dischargers.</p>

WQ-13c	Number of facilities covered under either an individual or general construction storm water site permit.	Don Jakes /Brian Livingston	Cover all CSW projects under CSW general permit, or virtually all. Reissue general permit by Aug. 1, 2013.	<p>Number of projects permitted varies daily, approx. 3,000 active sites in current market. General permit issued 8-1-08, and preparations for reissuance will not start until end of this 4-year work plan.</p> <p><u>FFY 2009 Report:</u> For the period 10/1/08 – 9/30/09, 1,685 CSW permit applications and 427 subdivision registrations were submitted. The total number of all active permits and registrations varies daily. As of 10/20/09, 1,494 of these FFY 2009 permits and 381 registrations remain active.</p> <p>CSW permit application data is available on the Construction Stormwater Program web site at: http://www.pca.state.mn.us/water/stormwater/stormwater-c.html. Click on Construction Stormwater Permit Search under Permit and Program Forms.</p> <p>Preparations for CSW general permit reissuance will not start until end of this 4-year work plan. Many other areas of the Stormwater Program have a greater demand in FY10. Staff previously working on the CSW general permit and guidance development in the past will dedicate more time to other areas such as industrial, municipal, non-degradation rule development, etc.</p> <p><u>EPA comment:</u> EPA will work with all states, including Minnesota to ensure that the Final Effluent Limitations Guidelines and New Source Performance Standards for the Construction and Development Point Source Category are incorporated into its general permit when it is reissued in 2013.</p>
WQ-13d	Number of facilities covered under either an individual or general CAFO permit.	Randy Hukriede	1. 95% of all facilities covered by a current permit 2. Revise & reissue the feedlot general permit	<p><u>FFY 2009 Report:</u> 1. As of September 30, 2009, 94% of CAFOs have a current NPDES permit.</p> <p>2. The feedlot general permit was approved for issuance by the MPCA Board on October 27, 2009. The permit application packet is scheduled to be mailed to all feedlot owners that are eligible for coverage under the general permit in January 2010.</p>

WQ-14a	Number, and national percent, of Significant Industrial Users (SIUs) in POTWs with Pretreatment Programs that have control mechanisms in place that implement applicable pretreatment requirements.	Gary Eddy	Report Significant Industrial Users (SIUs) in delegated pretreatment POTWs with current unexpired control mechanisms: # with, # without, and % with.	The number in 2008 was 358 out of 358 SIUs. FFY 2009 Report: same as 2008 358 - with 0 - without 100% - with
WQ-15a	Percent of major dischargers in Significant Noncompliance (SNC) at any time during the fiscal year.	Paul Scheirer & Ken Moon	13% annually from FFY2009-2012	FFY 2009 Report: During Fiscal Year 2009, only 3.0% of Minnesota Majors were in SNC at any time during the 12 month period.
WQ-19a	Number, and national percent, of high priority state NPDES permits that are issued as scheduled.	Marni Karnowski	The MPCA will issue at least 95% of its high priority NPDES permits as scheduled. The MPCA maintains a 3-year priority permit schedule, which often fluctuates due to factors such as changes to water quality standards or effluent limit guidelines, potential to impact impaired waters, changes to national priorities, etc.	FFY 2009 Report: The agency issued 100% (13 permits) of its Priority Permits in FFY 2009. EPA comment: EPA agrees that Minnesota issued 13 priority permits in FFY 2009. EPA Headquarters reports that the State issued nine priority permits. The discrepancy between 13 and nine is due to date on which EPA Headquarters pulled data from PCS.
WQ-20	Number of facilities that have traded at least once plus all facilities covered by an overlay permit that incorporates trading provisions with an enforceable cap.	Gene Soderbeck	19 facilities have traded at least once. There are also 42 facilities currently covered under the Minnesota River Basin General Phosphorus Permit with enforceable caps. These numbers are our baseline and will increase in each year to reflect Pre-TMDL trades for new dischargers upstream of impaired waters or within and the Minnesota River Basin. MPCA will maintain this same work level in subsequent years, FY2010, FY2011 & FY2012.	FFY 2009 Report: 19 facilities have traded at least once. 42 facilities covered by the Minnesota River Basin General Phosphorus Permit cap.

SS-1	<p>Number and national percent, using a constant denominator, of Combined Sewer Overflow (CSO) permits with a schedule incorporated into an appropriate enforceable mechanism, including a permit or enforcement order, with specific dates and milestones, including a completion date consistent with Agency guidance, which requires: 1) Implementation of a Long Term Control Plan (LTCP) which will result in compliance with the technology and water quality-based requirements of the Clean Water Act; or 2) implementation of any other acceptable CSO control measures consistent with the 1994 CSO Control Policy; or 3) completion of separation after the baseline date. (cumulative)</p>	Gary Eddy	None.	<p><u>FFY 2009 Report:</u> The St. Paul and Minneapolis CSO Permits have expired. St. Paul is 100% separated so that permit will be terminated. Minneapolis is 99% separated and has some remaining work to do. The appropriate enforceable mechanism is being determined to ensure Minneapolis completes the remaining work by the end of 2012.</p>
	# of Commitments: 16			

Code	State Negotiated Measures (Essential Element #2)	MPCA Contact	Planned Accomplishments/Commitments (Essential Element #3)	Comments/Status or Progress Report
WQ-7 1)	Number of States and Territories that provide electronic information using the Assessment Database version 2 or later (or compatible system) and geo-reference the information to facilitate the integrated reporting of assessment data.	Marvin Hora	Complete necessary efforts in FY09 to submit Integrated Report assessment information using the Assessment Database along with geo-referencing information in 2010 and 2012. If changes are made to the 303(d) list after ADB submission, the state will revise the ADB and geo-referencing files as needed and resubmit to EPA. During 2009 (and 2011), begin preparations for reporting and begin entering assessment information into ADB. During 2009, MPCA will continue efforts with MDOH and Reg. 5 to develop and implement an assessment methodology and make drinking water use assessment determinations for waterbodies with Public Water Supply intakes. MPCA will also work to ensure that Integrated Report (303(d) and 305(b)) determinations are accurately and consistently reflected in the ADB.	FFY 2009 Report: On schedule.
WQ-14b 2)	Number of Categorical Industrial Users (CIUs) in non-delegated pretreatment POTWs with MPCA permits: # with, # without, and % with.	Gary Eddy	Report known Categorical Industrial Users (CIUs) in non-delegated pretreatment POTWs with MPCA permits: # with, # without, and % with.	FFY 2009 Report: 52 - with 1 - without 98% - with
3)	Number of type of compliance monitoring actions performed at point sources, indirect dischargers, and biosolid generators or users	Paul Scheirer & Ken Moon	Meet targets in state-specific Compliance Monitoring Strategy as negotiated on an annual basis. <u>Fiscal Year 2010</u> Minnesota Compliance Monitoring Strategy (CMS) dated 12/2009 was approved by Region 5 on 2/17/2010. This approval provided specific flexibility in the following areas: Industrial Minors, Significant Industrial Users, Biosolids and Industrial Storm Water.	FFY 2009 Report: The accomplishments of the water compliance programs are detailed in the attached NPDES Compliance Monitoring Strategy (CMS), FFY09 End of Year report on lines 22-26 of the spreadsheet. These accomplishments are based off of the FY09 CMS commitments Minnesota made in cooperation with EPA Region 5. ◆ File name: <u>FFY09 CMS Report EndOfYear – Minnesota.xlsx</u>
	# of Commitments: 3			

**Minnesota PPG Max Workplan (with Three Essential Elements)
OW (Office of Water) [Sec 319] FFY 2009 – 2012
FFY09 Report with FFY10 Workplan revisions**

Code	Common Template Measures (Essential Element #2)	MPCA Contact	Planned Accomplishments/Commitments (Essential Element #3)	Comments/Status or Progress Report
Goal: 2 CLEAN AND SAFE WATER (Essential Element #1)				
Objective 2.2: Protect Water Quality: Protect the quality of rivers, lakes, and streams on a watershed basis and protect coastal and ocean waters.				
Sub-objective 2.2.1: Improve Water Quality on a Watershed Basis: By 2012, use pollution prevention and restoration approaches to protect the quality of rivers, lakes, and streams.				
Categorical Grant: Non-point Source (Section 319)				
SP-10	Number of waterbodies identified by States (in 1998/2000 or subsequent years) as being primarily nonpoint source (NPS) - impaired that are partially or fully restored. (cumulative)	Glenn Skuta	4	FFY 2009 Report: No change.
	# of Commitments: 1			