

PROJECTED PROGRAM ACCOMPLISHMENT (PPA)

DESCRIPTION FORM

State: Michigan Department of  
Environmental Quality (MDEQ)

(The information recorded below is for  
planning purposes only and not subject to audit.)

Date: July 1, 2008

Program: Air Management

Item: PPA-1

PPA Title: Program Administration/Management

PROJECTED STATUS AT END OF  
FISCAL YEAR (FY) 2008:

PLANNED COMMITMENT FOR FY 2009:

A. Work-years of effort: 3.0

A. Work-years of effort: 3.0

B. Key responsible person(s): G. Vinson Hellwig

B. Key responsible person(s): G. Vinson Hellwig

C. Key responsible group: Administration

C. Key responsible group: Administration

D. Estimated total PPA costs: \$326,035

D. Estimated total PPA costs: \$335,197

**E. FY 2008-2009 Commitment Narrative:**

**Outcomes for PPA-1 and all following PPA's:** The Air Quality Division (AQD) commits to continue its efforts to improve and protect the air, making it healthier to breathe, and decreasing the risks to human health and the environment. Our goals are to meet and maintain federal and state air quality standards, limiting emissions of hazardous and toxic pollutants, using the best available technology and cost effective controls, and keep the public informed about air quality conditions. Identify and reduce existing outdoor air pollution problems and prevent significant deterioration of the air resource. This includes air emission control programs, air monitoring, control strategy planning, partnerships to promote voluntary reductions, issuance of permits, and inspection of air emission sources.

The city of Grand Rapids contract for FY 2008 was approved by the State Advisory Board on February 7, 2008. Coordination of the Air Monitoring Program continues. Audits have been conducted in a timely manner and will continue to occur. The FY 2009 contract is expected as soon as possible after October 1, 2008.

Cost accounting/expenditure tracking systems will provide the financial information to project costs for the FY 2008 application.

The final report will be submitted in the format requested by the U.S. EPA.

**Grant Negotiation/Submission:** The AQD commits to work with the U.S. EPA to negotiate the annual cooperative agreement and amendments. It must be recognized that the U.S. EPA must provide timely guidance to allow the AQD to meet established deadlines, and in the event that this timely guidance is not provided, reasonable deadlines will be established for the AQD to meet.

The AQD intends to continue having a Senior Environmental Employee (SEE) Program position in the program for FY 2009. The SEE position will work with the AQD staff at our Lansing Filley Street facility doing maintenance services.

**Performance Reports:** In accordance with Title 40 of the Code of Federal Regulations (CFR), §30.51 (d), the AQD agrees to include in performance reports submitted under this agreement brief information on each of the following areas: 1) a comparison of actual accomplishments with the anticipated outputs/outcomes specified in the assistance agreement work plan; 2) reasons why anticipated outputs/outcomes were not met; and 3) other pertinent information, including, when appropriate, analysis and explanation of cost overruns or high unit costs.

In accordance with 40 CFR, §30.51 (f), the AQD agrees that it will notify the U.S. EPA of problems, delays, or adverse conditions which materially impair the ability to meet the outputs/outcomes specified in the assistance agreement work plan.

In accordance with 40 CFR, §31.40, the AQD agrees to submit performance reports that include brief information on each of the following areas: 1) a comparison of actual accomplishments to the outputs/outcomes established in the assistance agreement work plan for the period; 2) the reasons for slippage if established outputs/outcomes were not met; and 3) additional pertinent information, including, when appropriate, analysis and information of cost overruns or high unit costs.

In accordance with 40 CFR, §31.40 (d), the AQD agrees to inform the U.S. EPA as soon as problems, delays, or adverse conditions become known which will materially impair the ability to meet the outputs/outcomes specified in the assistance agreement work plan.

**Minority Business Enterprise, Women’s Business Enterprise, Equal Employment Opportunity:** The AQD commits to continuing implementation of this effort. Assistance has been discussed with the U.S. EPA, Region 5 to insure that all opportunities are taken.

**Public Information/Education:** The AQD continues to provide ample opportunities for public involvement in the Michigan Air Pollution Control Program through a number of different avenues. Public meetings, public listening sessions, public hearings, public notices in newspapers, presentations, outreach events, routine verbal communications, as well as written communications are all parts of the on-going public involvement in the state air program.

Informational material that allows the general public and industry to make informed decisions related to ambient air quality issues continues to be developed and updated. A heavy emphasis on web outreach is due, in part, to the State of Michigan’s prohibition on producing print materials in color. "Mlair" is a new, information-rich MDEQ website that provides real-time air quality information - including the AQI, "Action! day" info, EnviroFlash forecast notifications, raw air monitor data, and pollutant plume maps, as well as other useful materials and links.

Web outreach continues through a joint MDEQ – U.S. EPA program called “EnviroFlash” that allows those living in eight Michigan urban areas to receive automatic air quality e-mail AQI forecast notifications. A link located on the MDEQ “AIR” webpage serves as the portal for this service.

Partnership programs are increasingly utilized as a highly effective method of communication in the area of voluntary pollution reduction. Environmental education efforts targeting both the general public and grades K-12 are earmarked for evaluation and implementation as well.

**Safety/Training:** The AQD continues to provide safety training and career development for all employees.

PROJECTED PROGRAM ACCOMPLISHMENT (PPA)

DESCRIPTION FORM

State: Michigan Department of Environmental Quality (MDEQ)

(The information recorded below is for planning purposes only and not subject to audit.)

Date: July 1, 2008

Program Category: Air Management

Item: PPA-2

PPA Title: Attainment and Maintenance Planning and Implementation

PROJECTED STATUS AT END OF FISCAL YEAR (FY) 2008:

PLANNED COMMITMENT FOR FY 2009:

A. Work-years of effort: 5.0

A. Work-years of effort: 5.0

B. Key responsible person: Robert Irvine

B. Key responsible person: Robert Irvine

C. Key responsible group(s): Strategy Development Unit and Emission, Reporting and Assessment Unit

C. Key responsible group(s): Strategy Development Unit and Emission, Reporting and Assessment Unit

D. Estimated total PPA costs: \$545,948

D. Estimated total PPA costs: \$558,662

**E. FY 2008 Narrative:**

The Air Quality Division's (AQD) control strategy for meeting the 8-hour ozone standard in Southeast Michigan consists of low vapor pressure gasoline, a new rule limiting volatile organic compounds (VOC) in various consumer products, and VOC controls on a cement manufacturing facility. The fuel is currently in use in Southeast Michigan, and a revised consumer products rule became effective in October. An improved VOC control system at the cement facility's kiln 1 is currently being operated with testing this summer to determine an appropriate emission limit. A limit will be made legally enforceable later this year.

The AQD is developing a plan for contingency measures in several maintenance counties in West Michigan that violated the 8 hour ozone standard.

The AQD will be submitting to EPA the State Implementation Plan (SIP) for reducing particulate matter less than 2.5 microns in diameter (PM2.5) in Southeast Michigan. The AQD continues to work with the Southeast Michigan Ozone Study group (SEMOS) and the Lake Michigan Air Directors Consortium (LADCO) in gathering and developing information to better understand the PM2.5 problem in Southeast Michigan.

For the regional haze program, the AQD completed a draft State Implementation Plan and held a public comment period in October. The AQD is making revisions to the plan based on the comments received.

The AQD continues to work with several facilities to determine best available retrofit technology (BART) control levels for the facilities. A BART rule has been developed and is proceeding through the formal rulemaking process.

The AQD continued work on a revision to the Clean Air Interstate Rule (CAIR) to address EPA's conditional approval. It is currently in the formal rulemaking process.

The AQD continued air quality monitoring and data collection in nonattainment and maintenance areas. See PPA-5 and PPA-6 descriptions of this and all other monitoring and inventory activities, respectively.

The AQD participated in and provided technical support for Ozone Action voluntary emission reduction programs in Southeast and West Michigan. The AQD participated in other voluntary programs including; the Clean Cities initiatives and Clean Diesel initiatives.

The AQD was instrumental in the formation of the Michigan Clean Diesel Initiative which is actively promoting clean diesel technologies on school buses and other diesel sources.

The AQD continued to implement the Transportation Conformity SIP where applicable, reviewed and provided input to metropolitan planning organizations on conformity analyses, and provided letters of comment or approval to the Michigan Department of Transportation (MDOT), Federal Highway Administration, and the U.S. EPA. The AQD implemented the General Conformity SIP and reviewed general conformity analyses, and provided comments to the appropriate agencies.

The AQD continued to participate in LADCO. This included participation in project team calls and meetings, as well as work in the modeling, data analysis, emissions, and growth/strategy committees. In addition, the AQD continued working with our Regional Planning Organization in addressing regional haze requirements.

#### **F. FY 2008-2009 Commitment Narrative:**

##### **1. Ozone SIP**

An improved VOC control system on the Holcim cement facility's kiln 1 will be evaluated at the end of the 2008 ozone season to determine an appropriate emission limit. A limit will be made legally enforceable later this year. Kiln 2 at the facility will be retrofitted in '09 to incorporate the improved VOC control system.

The AQD will continue to participate in the LADCO ozone related SIP modeling and control strategy planning for the 8-hour ozone standard in Michigan and in the rest of the LADCO region.

The AQD will evaluate appropriate nonattainment designations for the new ozone standard and will propose the designations to the U.S. EPA.

The AQD will continue to implement SIP requirements for ozone nonattainment and maintenance areas regarding monitoring (see PPA-5) and development of periodic emission inventories (see PPA-6). The AQD will implement control measures in nonattainment and maintenance areas, if necessary. The AQD will also continue ozone monitoring throughout the state as described in our air monitoring network plan (see PPA-5).

The AQD will continue to implement the NO<sub>x</sub> SIP call program.

The AQD will continue to participate in and provide technical support for Ozone Action voluntary emission reduction programs. The AQD will continue to pursue implementation of pollution prevention in its programs.

The AQD will participate in the Conformity Interagency Workgroup meetings and review conformity analyses as necessary.

##### **2. Rules**

The AQD will complete rulemaking on revisions to CAIR for sulfur dioxide and on the BART rule for regional haze.

##### **3. PM-2.5 SIP**

The AQD will submit the PM<sub>2.5</sub> SIP to EPA in June and will continue working with the U.S. EPA, LADCO, and SEMOS in researching the PM<sub>2.5</sub> problem in southeast Michigan. The AQD will work with EPA in establishing the nonattainment area designations for the new PM<sub>2.5</sub> 24-hour standard and will begin work to develop a SIP for the 24 hour standard.

##### **4. PM-10 SIP**

The AQD will continue to implement the PM-10 maintenance plan and initiate contingency measures, if required.

##### **5. Regional Haze**

The AQD will complete work with BART subject facilities in developing acceptable control plans. The AQD will complete development of a BART rule. The AQD will submit a regional haze SIP to the U.S. EPA. The AQD will continue to participate in planning and technical activities for addressing the Regional Haze Program through the LADCO's Regional Planning Organization.

PROJECTED PROGRAM ACCOMPLISHMENT (PPA)

DESCRIPTION FORM

State: Michigan Department of  
Environmental Quality (MDEQ)

(The information recorded below is for planning  
purposes only and not subject to audit.)

Date: July 1, 2008

Program: Air Management

Item: PPA-3

PPA Title: Air Toxics

PROJECTED STATUS AT END OF  
FISCAL YEAR (FY) 2008:

PLANNED COMMITMENT FOR FY 2009:

A. Work-Years of Effort: 4.0

A. Work-Years of Effort: 4.0

B. Key Responsible Person: Mary Lee Hultin

B. Key Responsible Person: Mary Lee Hultin

C. Key Responsible Group: Toxics Unit

C. Key Responsible Group: Toxics Unit

D. Estimated Total PPA Costs: \$434,714

D. Estimated Total PPA Costs: \$446,930

**E. FY 2009 Commitment Narratives:**

The Air Quality Division (AQD) will administer Section 112 standards in accordance with the direct final rule approving Michigan's request for delegation under Section 112(l) of the Clean Air Act (63 FR 64632, November 23, 1998), and as outlined in the Memorandum of Agreement (MOA) between the U.S. EPA and the MDEQ, signed by David Kee on May 8, 1996, and Dennis Drake on May 16, 1996.

The AQD will develop health based screening levels for toxic air contaminants emitted from all sources subject to the state's air toxic regulations. These screening levels will be used to ensure emissions of toxic air contaminants from these sources do not adversely affect human health. Further risk assessment work will be done for sources which the AQD identifies a potential concern due to exposures beyond direct inhalation, cumulative exposures or interactive effects of air toxics and which are subject to the state air toxic regulations.

General

The AQD will participate in the bimonthly State/Region 5 risk assessment conference calls. The AQD will participate in annual State/Region 5 air toxics meetings as resources allow.

Community Based Risk Assessments and Voluntary Programs

As resources allow, the AQD will continue efforts to reduce the risks from air toxics in the Detroit area, targeting pollutants of highest priority identified through the Detroit Air Toxics Initiative (DATI). As part of this process, the AQD has been developing a plan focusing on reducing manganese emissions and will continue the investigation of source emissions and corresponding trends in ambient manganese levels.

The AQD will continue to participate in the development and implementation of comprehensive multi-stakeholder air toxics reduction efforts, including:

- participation in the Greater Grand Rapids Children's Environmental Health Initiative as resources allow;
- engage in work under the Community Data Analysis project which will follow up risk assessment and risk communication from analysis of monitored data 5 years post-DATI; and participation in Michigan Clean Diesel Initiative and Asthma Initiative of Michigan (AIM), activities to reduce children's exposures to diesel exhaust in indoor and outdoor air, especially in school settings.

The AQD will continue to address indoor air quality issues by emphasizing activities that contribute to reducing asthma attacks in areas that are experiencing disproportionate impacts through the participation in AIM.

NATA

Review and analyze NATA data, as available and as resources allow.

PROJECTED PROGRAM ACCOMPLISHMENT (PPA)

DESCRIPTION FORM

State: Michigan Department of  
Environmental Quality (MDEQ)

(The information recorded below is for planning  
purposes only and not subject to audit.)

Date: July 1, 2008

Program: Compliance Program

Item: PPA-4-1

PPA Title: Inventory and Reporting

PROJECTED STATUS AT END OF  
FISCAL YEAR (FY) 2008:

PLANNED COMMITMENT FOR FY 2009:

A. Work-years of effort: 11.0

A. Work-years of effort: 11.0

B. Key responsible person(s): Gerald Avery and  
Karen Kajiya-Mills

B. Key responsible person(s): Gerald  
Avery and Karen Kajiya-Mills

C. Key responsible group: Field Operations  
Section and Technical Programs Unit

C. Key responsible group: Field  
Operations Section and Technical  
Programs Unit

D. Estimated total PPA costs: \$1,195,463

D. Estimated total PPA costs: \$1,229,057

**E. FY 2008- FY 2009 Commitment Narrative:**

**For non-Title V sources, the Air Quality Division (AQD) will:**

1.0 Maintain Inventory of Sources Subject to Federal Regulations

The AQD commits to maintain an up-to-date inventory for sources including New Source Performance Standards (NSPS), non-transitory National Emission Standards for Hazardous Air Pollutants (NESHAP) sources (including sources subject to promulgated Maximum Achievable Control Technology [MACT] standards, as notification is provided or through inspections that identify MACT applicability), and sources avoiding New Source Review (NSR)/Prevention of Significant Deterioration (PSD) review through permit restrictions (synthetic minor).

2.0 Compliance Monitoring Strategy & Reporting

The Michigan Air Compliance and Enforcement System (MACES), is operational and now being used by staff. The web-based MACES database is compatible with Facility Profiler. Every 60 days the MDEQ will update, report and transfer the minimum data requirements (MDR) to the U.S. EPA which will identify all NSPS, non-transitory NESHAP, and synthetic minor sources. The MDRs will be uploaded to AFS electronically using the Universal Interface. The data will include the following information:

- a) Identification of all NSPS, non-transitory NESHAP, (including MACT facilities) and synthetic minor sources, added to the inventory of sources including, but not limited to the Facility name and address; the AQD registration number; standard industrial classification, NAICS and/or Government facility code; the NESHAP subpart(s) to which the Facility is subject; operating status; pollutant, classification, attainment and compliance status; the annual compliance certifications received and reviewed.
- b) The compliance status of all NSPS and non-transitory NESHAP facilities. This shall include all revisions in compliance status since the last report, such as: violations observed, required facility reporting that is delinquent or missing, continuous emission monitoring system violations, newly discovered sources that have avoided NSR/PSD review, violations of the AQD enforcement settlements resolving High Priority Violations (HPV\*), and past violations

that was resolved during the quarter.

- c) The dates of the full compliance and partial compliance evaluations that included an on-site inspection conducted on NSPS and non-transitory NESHAP facilities during the reporting period.
- d) Identification of sources for which NESHAP and MACT waiver requests have been received during the period and the status of action on such requests.

### 3.0 Reports as Needed

3.1 The AQD will continue to provide copies of final compliance orders and consent decrees after final signatures are obtained.

3.2 The AQD commits to provide documentation on individual NSPS, and non-transitory NESHAP violations within 30 days of the U.S. EPA's request. The AQD commits to submit inspection reports to the U.S. EPA upon request.

3.3 HPVs\* will be identified in monthly conference calls. See PPA 4-3.

Notes: [\*] High Priority Violations are as defined in the HPV/T&A Guidance, dated December 22, 1998.

PROJECTED PROGRAM ACCOMPLISHMENT (PPA)

DESCRIPTION FORM

State: Michigan Department of  
Environmental Quality

(The information recorded below is for planning  
purposes only and not subject to audit.)

Date: July 1, 2008

Program: Compliance Program

Item: PPA-4-2

PPA Title: Compliance Assessment

PROJECTED STATUS AT END OF  
FISCAL YEAR (FY) 2008:

PLANNED COMMITMENT FOR FY 2009:

- A. Work-years of effort: 14.0
- B. Key responsible person(s): Gerald Avery and  
Karen Kajiya-Mills
- C. Key responsible group: Field Operations  
Operations Section and Technical Programs Unit
- D. Estimated total PPA costs: \$1,521,498

- A. Work-years of effort: 14.0
- B. Key responsible person(s): Gerald  
Avery and Karen Kajiya-Mills
- C. Key responsible group: Field  
Operations Section and Technical  
Programs Unit
- D. Estimated total PPA costs: \$1,564,255

E. **FY 2008-2009 Commitment Narrative:**

**For non -Title V sources, the state will:**

1.0 State Implementation Plan, New Source Performance Standards, Non-transitory National Emission Standards for Hazardous Air Pollutants (NESHAP) and Maximum Achievable Control Technology, and Minor Source Inspections

- 1.1 The Air Quality Division (AQD) commits to conduct at least a partial compliance evaluation that includes an onsite inspection for the more significant processes at non-Title V sources selected using the Compliance Monitoring Strategy (CMS) for stationary source inspections.
- 1.2 Staff continues to inspect all dry cleaning establishments for compliance with state rules and the perchloroethylene NESHAP. The inspectors are working with staff of the Environmental Science and Services Division on an Environmental Results Program for the dry cleaners. This is a three year project designed to improve compliance through self evaluations and self certifications. This paragraph is informational only since these activities are not part of this grant.
- 1.3 After each inspection, a report will be prepared on the results of the inspection, including an identification of the process(es) that was (were) found to be in violation, the process and emission data that were recorded or calculated which document the violation(s), and a statement of the applicable regulation(s) being violated.
- 1.4 The AQD will work with the Region and perform field investigations for regional enforcement initiatives for sources targeted for inspection.

2.0 Permit Evaluations and Inspections

The AQD will conduct an appropriate evaluation of site acceptability for applications for permits to install only for the new Greenfield type sources that are the object of substantial public concern and have a very significant potential to

cause adverse impacts on the neighboring public. Such evaluations are to include a determination on the acceptability of the proposed source with regard to its impact on the surrounding environment, and may include a determination of compliance with local zoning, if the AQD has reason to believe that local zoning may be a problem. The evaluation will be documented only if the site is determined to be unacceptable.

### 3.0 Complaint Investigation and Response

- 3.1 The AQD will enter into a computerized data system all air pollution complaints that are received including the complainant's name, nature of the complaint, any information that could identify the source of any emissions, and the response efforts of the AQD.
- 3.2 The AQD will evaluate all priority I and II complaints received for appropriate resolution method, and refer those complaints that can and should be addressed by another agency (local zoning or building department, local health department or other county or state agency). The AQD will investigate all priority I and II complaints not referred to other agencies, using established priorities and procedures.
- 3.3 The AQD will document all violations, which are identified as a result of complaint investigations as resources allow.

### 4.0 Record Review and Documentation

- 4.1 The AQD commits to review and document the review of appropriate production records, reports, and program plans as required by the EPA regulations delegated to the AQD. The AQD will determine compliance with applicable regulations as to the timeliness and content of the submittal.
- 4.2 The AQD commits to document when company reported data regarding process operation, monitor operation, and/or emission data show violations. Permit conditions will be maintained in the inspection file.
- 4.3 The AQD commits to process compliance waiver applications where allowed by the NESHAP and MACT regulations, and monitor compliance waiver milestones.
- 4.4 The state commits to determine if NSPS sources have been tested in accordance with Title 40 of the Code of Federal Regulations, Part 60.

### 5.0 Senior Environmental Employee (SEE) Program Positions

- 5.1 Presently there is one part-time SEE position in the field, which conducts compliance and enforcement activities related to the air quality program. They also extract and compile data for compliance evaluations and respond to air pollution complaints.

### 6.0 Miscellaneous

- 6.1 Due to resource limitations, the AQD is unable to commit to implementing the CFC and halon-recycling provisions of the federal Clean Air Act Amendments, nor to conducting related source inspections. Specific commitments may be made in the event federal funding and/or federal assignee staff is provided.

PROJECTED PROGRAM ACCOMPLISHMENT (PPA)

DESCRIPTION FORM

State: Michigan Department of  
Environmental Quality

(The information recorded below is for planning  
purposes only and not subject to audit.)

Date: July 1, 2008

Program: Compliance Program

Item: PPA-4-3

PPA Title: Escalated Enforcement  
PROJECTED STATUS AT END OF  
FISCAL YEAR (FY) 2008:

PLANNED COMMITMENT FOR FY 2009:

A. Work-years of effort: 4.0

A. Work-years of effort: 4.0

B. Key responsible person(s): Tom Hess

B. Key responsible person(s): Tom Hess

C. Key responsible group: Enforcement

C. Key responsible group: Enforcement

D. Estimated total PPA costs: \$434,714

D. Estimated total PPA costs: \$446,930

**E. FY 2007-2008 Commitment Narrative:**

**For non -Title V sources, the state will:**

**1.0 Violation Identification and Documentation**

- 1.1 Within 30 days of finding a violation of any state or federal regulation as a result of inspections, review of documents, or submitted test data, the Air Quality Division (AQD) will send a Letter of Violation (LOV) to the source documenting the violation and requiring corrective action(s).
- 1.2 The AQD will maintain a log of all LOVs sent, including the nature of the violation, resolution course of action, and current status.
- 1.3 The AQD will participate in monthly conference calls with the U.S. EPA to provide updated enforcement status information for High Priority Violators (HPV) [\*], identify new HPVs, identify new continuous emission monitor (CEM) violations, and discuss zero date, case lead, evidence, time line for resolution and injunctive and penalty relief, and use of the Supplemental Environmental Project (SEP) Policy, dated May 1, 1998. Violations of federal asbestos demolition/renovation regulations and federal multi-media violations will be discussed in the same manner.

**2.0 Escalated Enforcement**

- 2.1 The AQD will initiate the appropriate escalated enforcement response for all State Implementation Plans, New Source Performance Standards, prevention of significant deterioration, non-transitory National Emission Standards for Hazardous Air Pollutants (NESHAP), and maximum achievable control technology violations statewide consistent with the U.S. EPA's revised HPV/T&A Guidance, dated December 22, 1998. The AQD's specific commitment on case timeliness is item 2.2, below.
- 2.2 The AQD will identify and treat as an HPV, any source that fails to run a federally required CEM, submit data, or maintain compliance with emission limitations (as shown by CEM data) where use of CEM data is the compliance determination method.
- 2.3 The AQD commits to require, where appropriate, that violating sources enter into formal enforceable stipulation agreements. The state will pursue appropriate penalties for all HPVs consistent with the U.S. EPA's revised

HPV/T&A Guidance, dated December 22, 1998.

- 2.4 The AQD will initiate appropriate enforcement action that may include revocation of the permit to install or permit to operate against all sources that do not provide a timely and satisfactory corrective program for significant permit violations.
- 2.5 The AQD will take appropriate enforcement action on asbestos demolition/renovation work practice violations, consistent with the U.S. EPA's revised HPV/T&A Guidance, dated December 22, 1998, and the revised asbestos NESHAP Strategy Addendum, dated October 27, 1993, as well as the Asbestos Penalty Policy Guidance, dated May 5, 1992.

### 3.0 Escalated Enforcement Activities

- 3.1 The AQD commits to perform the following escalated enforcement activities for all violations referred for enforcement action, including all identified as HPVs. This includes the following activities:
  - a) Review documentation of the violations, staff observations, and other file materials to identify potential enforcement options, which may include the U.S. EPA involvement related to HPVs.
  - b) Determination of an enforcement strategy, in consultation with field staff and the Michigan Department of Attorney General (MDAG).
  - c) Preparation of enforcement documents such as Notices of Violation, Administrative Complaints, and Consent Orders.
  - d) Conduct negotiations with violators.
- 3.2 The AQD commits to provide litigation support on all air violations referred to the MDAG for formal enforcement action. Activities include coordination of technical support for litigation, preparation of litigation summaries, case research, witness preparation, and other assistance to the case attorney.
- 3.3 The AQD commits to continue development of enforcement procedures as needed.
- 3.4 The AQD agrees to work with the Region to perform field investigations and case development for regional enforcement initiatives as the AQD resources allow. Inspection reports and case documentation shall be prepared as requested.

Notes: [\*] High Priority Violator is defined to include the following:

1. A major source in violation of a SIP requirement.
2. A major source in violation of a federal regulation (NSPS, NESHAP, MACT, PSD, Offset, or a Major Offset or PSD source operating without an Offset or PSD permit).
3. A major source operating in violation of a substantive term of an order previously entered to resolve an HPV.
4. A major source in substantial violation of the obligation to submit a Title V permit application or failure to comply with Title V certification requirements.
5. A "synthetic minor" source which violates an emission limitation or permit condition that affects the source's PSD, NSR, or Title V status.
6. A major source in violation of an emission limitation or other standard, which meets the criteria, specified in the High Priority Violation Matrix, Section II.B, of the U.S. EPA's revised HPV/T&A Guidance, dated December 22, 1998.

PROJECTED PROGRAM ACCOMPLISHMENT (PPA)

DESCRIPTION FORM

State: Michigan Department of  
Environmental Quality

(The information recorded below is for planning  
purposes only and not subject to audit.)

Date: July 1, 2008

Program: Compliance Program

Item: PPA-4-4

PPA Title: Continuous Emission Monitoring (CEM)

PROJECTED STATUS AT END OF  
FISCAL YEAR (FY) 2008:

PLANNED COMMITMENT FOR FY 2009:

A. Work-years of effort: 2.0

A. Work-years of effort: 2.0

B. Key responsible person(s): Gerald Avery and  
Karen Kajiya-Mills

B. Key responsible person(s): Gerald  
Avery and Karen Kajiya-Mills

C. Key responsible group: Technical Programs  
Unit

C. Key responsible group: Technical  
Programs Unit

D. Estimated total PPA costs: \$217,357

D. Estimated total PPA costs: \$223,465

E. **FY 2008-2009 Commitment Narrative:**

**For non-Title V sources, the state will:**

1.0 CEM Operation

The Air Quality Division (AQD) will require the installation and operation of CEM on all sources subject to CEM requirements under current state or federal regulations. The AQD will also notify all sources that are required by federal or state regulations to install and operate CEM to submit quarterly Excess Emission Reports (EER) and periodic quality assurance test results.

2.0 Inventory

The AQD will maintain an up-to-date database of all facilities subject to a CEM requirement in the state implementation plan (SIP) or New Source Performance Standards (NSPS). The database will include information on the facility, type of source, emission limits/permits, monitoring, and quality assurance.

3.0 Review and Documentation

3.1 The AQD commits to continue to quality assure existing and new monitors at sources subject to NSPS or SIP requirements.

Quality assurance of monitors shall include review and approval of the monitor certification test, quality assurance/quality control (QA/QC) program, and the most recent performance audit.

3.2 The AQD commits to review and track quarterly EERs for monitors subject to NSPS and SIP requirements.

3.3 The AQD commits to review and approve the location for monitors installed on all new sources subject to NSPS regulations and state Part 11 rules.

#### 4.0 Reporting

Within 60 days of the end of each quarter, the AQD commits to submit (using CD) to the U.S. EPA the following information:

- a) Updates of the AQD's CEM inventory. This includes information on site identification, description of the source, stack parameters, enforcement status, monitor descriptions, certification dates, and the dates of the most recent quarterly QA/QC performed on the monitors.
- b) Copies of all CEM certification letters sent to facilities during the quarter. The letters will indicate if the monitor is a new installation or a replacement monitor.
- c) Summaries of all quarterly excess emissions and monitor performance from facilities required to report to the U.S. EPA and the AQD.

PROJECTED PROGRAM ACCOMPLISHMENT (PPA)

DESCRIPTION FORM

State: Michigan Department of Environmental Quality

(The information recorded below is for planning purposes only and not subject to audit.)

Date: July 1, 2008

Program: Compliance Program

Item: PPA-4-5

PPA Title: National Emission Standards for Hazardous Air Pollutants (NESHAP) Asbestos Demolition/Renovation (demo/reno) Compliance Program

PROJECTED STATUS AT END OF FISCAL YEAR (FY) FY 2008:

PLANNED COMMITMENT FOR FY 2009:

- A. Work-years of effort: 3.0
- B. Key responsible person(s): Gerald Avery and Karen Kajiya-Mills
- C. Key responsible group: Technical Programs Unit
- D. Estimated total PPA costs: \$326,035

- A. Work-years of effort: 3.0
- B. Key responsible person(s): Gerald Avery and Karen Kajiya-Mills
- C. Key responsible group: Technical Programs Unit
- D. Estimated total PPA costs: \$335,197

E. **FY 2008-2009 Commitment Narrative:**

1.0 Inspections

- 1.1 The Air Quality Division (AQD) commits to conduct inspections of Asbestos demo/reno projects in accordance with the U.S. EPA's "Implementation Strategy for Revised Asbestos NESHAP," dated January 1991. Facilities to be inspected will be identified through notifications, complaints, and other elements of the non-notifier program. Conducting inspections identified from complaints is a high priority for the program because many of the complaints involve violations of the Asbestos NESHAP. Inspections will also be conducted based on Asbestos notifications for demo/reno projects. A total of 275 inspections will be conducted, provided three inspectors are devoted to the AQD's Asbestos NESHAP program.
- 1.2 The selection of which Asbestos demo/reno projects for which notification has been provided will be inspected based upon an inspection targeting ranking system consistent with the U.S. EPA's "Implementation Strategy for Revised Asbestos NESHAP," dated January 1991. Rankings will be documented and maintained on a computer based logging system.
- 1.3 For each inspection of Asbestos NESHAP demolition projects as well as abatement projects, and landfills receiving Asbestos waste, an inspection checklist will be completed. Upon identification of a potential violation, appropriate sampling and analysis for Asbestos content will occur. The samples will be maintained under proper chain-of-custody for a period of five years.

2.0 Documentation and Review

- 2.1 The AQD commits to review all Asbestos demo/reno notices received to ensure each notice is timely and complete. The AQD will retain the original notice. When a late or incomplete notice is received, contact will be made with the noticing party within two working days requesting missing information for incomplete notices. The response will be reviewed to ensure that the missing information is supplied.

2.2 The AQD commits to maintain documentation of all subject notifications received, inspections conducted, and violations cited for notification deficiencies and work practices. Information will be maintained on a computer database system.

### 3.0 Reporting

3.1 Within 30 days of the end of each quarter, the AQD commits to submit quality assured quarterly reports on a disk; The reports will include the following information for activities occurring during the quarter:

- a) Information on all NESHAP subject demo/reno notifications received, including: the postmark date, project dates, facility name and address, abatement and demolition contractors, disposal site, late and incomplete deficiencies, deficiency letter date, party determined to be responsible for deficiency, and which notifications are for emergency removal or ordered demolition projects.
- b) Inspections conducted, including the date of inspection, identification of work practice violations, date the Letter of Violation (LOV) was sent; date order entered, and date of referral to the U.S. EPA or the Michigan Department of Attorney General, for litigation.

3.2 The AQD commits to submit, upon request, inspection reports in accordance with the Asbestos NESHAP strategy.

### 4.0 Non-notifier Program

The AQD's Non-notifier Program will continue to focus on outside agency coordination, self initiated inspections, and receipt of complaints to identify the NESHAP subject facilities that do not comply with the notification requirements. When traveling to targeted demo/reno projects for inspection, efforts are made to investigate demo/renos discovered. To the extent feasible, non-notifiers are identified through coordination with state and local agencies that issue building and demolition permits, inspect demo/reno projects, or administer other state or federal Asbestos programs. In addition, the AQD's outreach efforts identify how citizens and industry personnel can report non-notifiers and other potential Asbestos NESHAP violations.

PROJECTED PROGRAM ACCOMPLISHMENT (PPA)

DESCRIPTION FORM

State: Michigan Department of  
Environmental Quality

(The information recorded below is for planning  
purposes only and not subject to audit.)

Date: July 1, 2008

Program: Compliance Program

Item: PPA-4-6

PPA Title: Legal Services, Attorney General

PROJECTED STATUS AT END OF  
FISCAL YEAR (FY) FY 2008:

PLANNED COMMITMENT FOR FY 2009:

A. Work-years of effort: 1.0

A. Work-years of effort: 1.0

B. Key responsible person(s): Tom Hess

B. Key responsible person(s): Tom Hess

C. Key responsible group: Enforcement Unit

C. Key responsible group: Enforcement Unit

D. Estimated total PPA costs: \$145,000

D. Estimated total PPA costs: \$145,000

E. **FY 2008-2009 Commitment Narrative:**

**For non-Title V sources, the state will:**

The Air Quality Division (AQD) commits to maintain legal services from the Michigan Department of Attorney General to provide the following:

1. File litigation, as appropriate, to enforce the federal Clean Air Act (CAA) and the air pollution control portion of the Natural Resources and Environmental Protection Act. Defend the AQD on all litigation filed against these parties involving air pollution matters.
2. Support administrative enforcement actions through discussions about choice of enforcement options, review of enforcement documents and representing the AQD in contested case hearings.
3. Serve as Legal Counsel to the AQD. Participate in and prepare legal documents for all declaratory ruling requests.
4. Provide legal or enforceability certifications, as required under the federal CAA.
5. Advise the AQD on legal issues, particularly on the legality and defensibility of individual policy decisions.
6. Serve as liaison with the U.S. EPA Regional Counsel on joint enforcement actions.

PROJECTED PROGRAM ACCOMPLISHMENT (PPA)

DESCRIPTION FORM

State: Michigan Department of Environmental Quality (MDEQ)

(The information recorded below is for planning purposes only and not subject to audit).

Date: July 1, 2008

Program Category: Air Management

Index: PPA-5

PPA TITLE: Operation of Ambient Air Quality Monitoring Network

PROJECTED STATUS AT END OF FISCAL YEAR (FY) 2008:

PLANNED COMMITMENT FOR FY2009:

A. Work years of effort: 13.0

A. Work years of effort: 13.0

B. Key responsible person: Craig Fitzner

B. Key responsible person: Craig Fitzner

C. Key responsible group: Air Monitoring Unit

C. Key responsible group: Air Monitoring Unit

D. Estimated total PPA costs: \$1,746,612

D. Estimated total PPA costs: \$1,731,705

**E. FY 2008 Accomplishment Narrative:**

The Air Quality Division's (AQD) Air Monitoring Unit (AMU) lost one position, a Departmental Analyst, in FY2008. This position was responsible for compiling air quality reports and other related documents. As it will not be backfilled, the duties associated with this position will be reassigned to other AMU staff.

During FY2008, the AMU operated its air monitoring network in accordance with the USEPA approved standard operating procedures. Based on 2005-07 data, the only ozone monitor in the network meeting the new 0.075 ppm eight-hour NAAQS is Houghton Lake (261130001).

The AMU continues to operate three air toxics monitoring stations (River Rouge [261630005], Detroit/Fort Street [261630015] and Dearborn [261630033]) as part of the Michigan Toxics Air Monitoring Program (MITAMP) and MDEQ's National Air Toxics Trend Site (NATTS) networks.

During January and February 2008, the AMU hosted researchers from Met-One, the Georgia Institute of Technology and the University of Wisconsin at its Dearborn air monitoring station (261630033). Besides providing better characterization of heavy metal air pollution in the southern Detroit metropolitan area, their work will ensure that the next generation of air pollution monitors will function properly in harsh Midwestern winters.

While the MDEQ did not collect ambient mercury samples during FY2008, it did perform necessary annual maintenance on the ambient mercury monitoring trailer shared by Michigan, Wisconsin and Minnesota.

In FY2008, the AMU continued its Memorandum of Agreement (MOA) with the Little River Band of Ottawa Indians to support their ozone monitoring efforts in Manistee, Michigan. The AMU also continues to support the Grand Traverse Band (GTB) of Ottawa and Chippewa Indians' monitoring efforts at their Peshawbestown monitor, albeit at a lesser level.

The AMU sent three staff members to the Region 5 Air Monitoring Contacts meeting held March 5-7 in Chicago.

The AMU finished its beta-testing of the Alpha-Omega continuous formaldehyde monitors. The AMU concluded that these monitors are not ready deployment. However, replacing the peristaltic pump with a syringe pump may improve the operation of these monitors significantly.

## **Quality Assurance Program**

The AMU is updating its standard operating procedures for hexavalent chromium, PUF, ozone, TSP and trace carbon monoxide monitors.

The AMU conducted audits on particulate, gaseous, and toxic network monitors. Flow audits were also conducted at several industrial monitoring sites.

The AMU discovered an anemometer alignment problem at its River Rouge monitor. The wind direction data was determined to be off by 59 degrees since AMU installed meteorological sensors in 2003. Data in AQS for April 1, 2003 through November 30, 2007 was corrected on December 17, 2007.

The AMU continued to collect precision and accuracy data in accordance with its standard operating procedures.

USEPA staff certified the AMU primary ozone standard at the Region 5 offices on January 29-30, 2008.

The AMU continues to perform system and performance audits as required by MOA at the LRB's Manistee ozone monitoring site. However, as a result of receiving less federal grant dollars in FY2008, the GTB did not contract with AMU to perform audits of their Peshawbestown ozone monitor.

The AMU sent a representative to the U.S. EPA's Managing Environmental Quality Systems training in Seattle, April 21-24. At this conference, the AMU presented information on its through the probe audit program for carbonyl and VOC samplers.

## **Data Management**

During FY2008, the MDEQ continued to process and report air quality data to AQS. Uploads were made as data became fully quality assured, exceeding the once per quarter requirement mandated by the U.S. EPA.

The AMU certified the ambient data collected during 2007 in a letter to the U.S. EPA dated June 17, 2008.

The AMU continued to supply ozone, continuous PM2.5, and meteorological data to AIRNOW.

The AQD continued its contract with Sonoma Technology to operate the MIair web site to display the MDEQ's air monitoring data in near real time.

The AMU submitted the 2009 Ambient Air Monitoring Network Review to the USEPA on June 19, 2008.

The AMU published its 2007 annual air quality report, both electronically and in hard copy in September 2008.

Because of continued budgetary shortfalls, the AMU did not send a representative to the 2007 national AIRS/AQS conference held in Pittsburgh, Pennsylvania. However, AMU did send a staff member to the 2008 conference held in Milwaukee, Wisconsin in August 2008.

## **F. FY2009 Commitment Narrative:**

### **Operation of Ambient Air Monitoring Network**

A draft equipment and CSS&M list for FY2008 is submitted to the USEPA with this PPA.

The AMU will operate its SLAMS and SPM monitoring network in accordance with USEPA approved standard operating procedures.

The AMU will continue to operate the Michigan Toxics Air Monitoring Network (MITAMP) as described in its 2009 Ambient Air Monitoring Review and will continue to coordinate with U.S. EPA in the analysis and the reporting of the data collected.

The AMU will continue to collaborate with the Minnesota Air Pollution Control Agency and the Wisconsin Department of Natural Resources on the deployment of the ambient mercury monitoring trailer.

## **Quality Assurance Program**

Operation of the SLAMS and SPM networks will continue. Proposed solutions for any technical deficiencies found in any USEPA NPAP audits will be submitted within 30 days, in accordance with Title 40 of the Code of Federal Regulations (CFR) §58.25.

The AMU will strive for greater than 75 percent complete data for all SLAMS sites.

The AMU will continue to collect precision and accuracy data in accordance with our standard operating procedures.

AMU staff will certify a primary ozone standard at the U.S. EPA, Region 5 offices prior to the deployment of its ozone monitors in March 2009.

The AMU will participate in any mandated inter-laboratory audits.

If the MOA continues in FY2009, the AMU will perform audits and other support functions at the Manistee and Peshawbestown ozone monitoring sites.

## **Data Management**

The AMU will continue to process and report air quality data as well as precision and accuracy data to AQS within 90 days of the end of each calendar quarter.

The AMU will certify its 2008 ambient air monitoring (and related quality assurance data) to the USEPA by July 1, 2009.

The AMU will continue to collect and upload hourly PM<sub>2.5</sub>, ozone, and meteorological data to AIRNOW and MIair.

Given adequate funding, the AMU staff will attend the national AQS/AIRS conference in 2009.

The MDEQ staff will publish its annual air quality report for 2008 by September 30, 2009.

**AQD Equipment, CSS&M and Contractual Budget for AMU: \$259,165**

A. Equipment-\$ 60,000

Item	Quantity Budgeted	Unit Cost	Item Cost	Running Total Expenditure
Trace CO Monitor	1	\$12,000	\$11,000	\$12,000
Trace SO2 Monitor	1	\$11,000	\$10,000	\$23,000
Ozone Monitor	2	\$10,000	\$20,000	\$43,000
Three Pen Chart Recorder	1	\$8,500	\$8,500	\$51,500
Data Logger	1	\$8,500	\$8,500	\$60,000

B. CSS&M-\$ 299,165

Category	Item	Unit Cost	Item Cost	Running Total
Criteria	Mowing contract (Lansing)	\$ 500	\$ 500	\$ 500
Criteria	Snow removal contracts	\$ 1,000	\$ 1,000	\$ 1,500
Criteria	Heating & cooling unit repair/replacement for shelters (4)	\$ 600	\$ 2,400	\$ 3,900
Criteria	General site maintenance and upgrades	\$ 10,000	\$ 10,000	\$ 13,900
Criteria	Precision & span gases	\$ 6,000	\$ 6,000	\$ 19,900
Criteria	Misc. telecommunication and electrical upgrades and monthly access fees	\$ 10,000	\$ 10,000	\$ 29,900
Criteria	Site Utilities	\$ 20,000	\$ 20,000	\$ 49,900
Criteria	Spare parts and repair costs for criteria pollutant monitors	\$ 50,000	\$ 50,000	\$ 99,900
Criteria	Web site annual service and enhancement contract (Sonoma)	\$ 10,000	\$ 10,000	\$ 109,900
Criteria	ESC annual service contract	\$ 5,000	\$ 5,000	\$ 114,900
Criteria	City of Grand Rapids contract	\$ 80,000	\$ 80,000	\$ 194,900
Hg	Lumex calibration	\$ 750	\$ 750	\$ 195,650
Hg	Air gases for Tekrans	\$ 1,315	\$ 1,315	\$ 196,965
Hg	Misc. trailer parts and repair	\$ 2,600	\$ 2,600	\$ 199,565
Hg	Misc. Tekran parts and repair	\$ 1,500	\$ 1,500	\$ 201,065
MITAMP	5 boxes carbonyl cartridges	\$ 220	\$ 1,100	\$ 202,165
MITAMP	Through the probe audit gases	\$ 11,000	\$ 11,000	\$ 213,165
MITAMP	MDEQ lab analysis--VOC	\$ 50,000	\$ 50,000	\$ 263,165
MITAMP	MDEQ lab analyses--carbonyls	\$ 20,000	\$ 20,000	\$ 283,165
MITAMP	MDEQ lab analyses—trace metals	\$ 10,000	\$ 10,000	\$ 293,165
QA	Audit gases	\$ 3,000	\$ 3,000	\$ 296,165
QA	Misc. plumbing/connectors	\$ 500	\$ 500	\$ 296,665
QA	Met data auditing supplies	\$ 2,000	\$ 2,000	\$ 298,665
QA	Flow meter recertification	\$ 500	\$ 500	\$ 299,165
			<b>TOTAL CSSM</b>	<b>\$ 299,165</b>

PROJECTED PROGRAM ACCOMPLISHMENT (PPA)

DESCRIPTION FORM

State: Michigan Department of  
Environmental Quality

(The information recorded below is for planning  
purposes only and not subject to audit).

Date: July 1, 2008

Program: Air Management

Item: PPA-6

PPA Title: Point Source Emissions Data

PROJECTED STATUS AT END OF  
FISCAL YEAR (FY) FY 2008:

PLANNED COMMITMENT FOR FY 2009:

A. Work-years of effort: 3.0

A. Work-years of effort: 3.0

B. Key responsible person: James Lax,

B. Key responsible person: James Lax,

C. Key responsible group: Emissions Reporting  
and Assessment Unit

C. Key responsible group: Emissions  
Reporting and Assessment Unit

D. Estimated total PPA costs: \$326,035

D. Estimated total PPA costs: \$335,197

**E. FY 2008-2009 Commitment Narrative:**

The Air Quality Division (AQD) will submit the year 2007 point source emissions data in accordance with the requirements contained in the U.S. EPA Consolidated Emissions Reporting Rule (Title 40 of the Code of Federal Regulations [CFR], §51.1 – 51.45) prior to June 1, 2009. The AQD will continue to devote resources to upgrade the state inventory system to ensure compatibility with new data formats and the data reporting requirements identified in 40 CFR, §51.1 – 51.45. The AQD is in the process of rebuilding the Michigan Air Emissions Reporting System (MAERS). Part of the rebuilding includes upgrading data exchange capabilities which is funded by a separate grant from EPA.

As resources allow, the AQD will send representatives to appropriate NEI conferences and NEI training sessions or conferences held at the U.S. EPA Region 5 office. The AQD will continue to support efforts by the U.S. EPA, the Lake Michigan Air Directors Consortium, and others to improve the national ozone modeling inventories for use in attainment demonstrations and will participate in the development of a regional inventory to support the regional haze and fine particulate matter (PM-2.5) planning effort.

PROJECTED PROGRAM ACCOMPLISHMENT (PPA)  
DESCRIPTION FORM

State: Michigan Department of  
Environmental Quality

(The information recorded below is for planning  
purposes only and not subject to audit.)

Date: July 1, 2008

Program: Air Management

Item: PPA-7

PPA Title: Great Lakes Air Toxics Deposition

PROJECTED STATUS AT END OF  
(FY) FY 2008:

PLANNED COMMITMENT FOR FISCAL YEAR  
FY 2009:

A. Work-years of effort: 3.0

A. Work-years of effort: 3.0

B. Key Responsible Person: Joy Taylor Morgan

B. Key Responsible Person: Joy Taylor Morgan

C. Key Responsible Group: Air Quality Evaluation  
Section

C. Key Responsible Group:  
Air Quality Evaluation Section

D. Estimated Total PPA Costs: \$326,035

D. Estimated Total PPA Costs: \$335,197

**E. FY 2009 Commitment Narrative:**

The Air Quality Division (AQD) will participate in research projects and policy issues that address identification and reduction of persistent bioaccumulative air toxic pollutants.

The AQD will continue to participate in the development of the Regional Air Pollutant Inventory Development System (RAPIDS) currently administered by the Great Lakes Commission (GLC) in coordination with the EPA efforts. The AQD will continue to submit Great Lakes air toxics emissions data to the EPA and the GLC in RAPIDS format. An emphasis on a mercury emissions inventory will be added.

The AQD will participate in the Great Lakes Atmospheric Deposition (GLAD) Planning Process and work with other partners in the region on policy issues, supporting research that address atmospheric deposition of persistent bioaccumulative pollutants to inland lakes and the Great Lakes.

The AQD will participate in work groups and task forces on atmospheric deposition of air toxics as appropriate and as resources allow.

The AQD will continue various activities related to sources that emit mercury and products that contain mercury, and implement the necessary tools to reduce and or eliminate the use and/or release of mercury into Michigan's environment.

The AQD will implement area source MACT programs for which MDEQ-AQD has taken delegation.

The AQD will continue use of mercury monitoring equipment purchased with Great Lakes Section 105 Grant (GLAD) funds as resources allow, coordinating with Minnesota and Wisconsin on the shared use of this equipment.

PROJECTED PROGRAM ACCOMPLISHMENT (PPA)

DESCRIPTION FORM

Agency: Michigan Department of  
Environmental Quality

(The information recorded below is for planning  
purposes only and not subject to audit.)

Date: July 1, 2008

Program Category: Air Management

Item: PPA-10

PPA Title: Market-based Initiatives

PROJECTED STATUS AT END OF  
FISCAL YEAR (FY) FY 2008:

PLANNED COMMITMENT FOR FY 2009:

A. Work-years of effort: 1.0

A. Work-years of effort: Discontinued

B. Key responsible person: Robert Irvine

B. Key responsible person:

C. Key responsible group: Strategy Development Unit

C. Key responsible group:

D. Estimated total PPA costs: \$0

D. Estimated total PPA costs: \$0

**E. FY 2008 Accomplishment Narrative:**

The Air Quality Division (AQD) continued to provide input via the Lake Michigan Air Directors Consortium (LADCO) and directly to the U.S. EPA on regional and national emission trading issues and emission trading policy development.

As of June 19, 2007, for FY 2007, the AQD received six program notices of which four were for emission reduction credit (ERC) generation, two for ERC use, and zero for ERC transfer. The program automatically retired zero ERCs for date expiration.

When requested, the AQD has provided technical support to the regulated community. This has included assistance in: 1) completing program notices; 2) answering questions regarding the requirements of the program and review status of the notices; 3) discussing proposed trading scenarios; and 4) providing information related to the federal approvability issues and rulemaking process.

**FY 2009 Commitment Narrative:**

The AQD will discontinue the Emissions Trading Program (ETP) and will complete the rulemaking process to rescind the ETP rules.

The AQD will no longer accept program notices, but will continue to administer the Program Registry and Emission Trading Home Page on the Internet until the rule recessions are final.

## PROJECTED PROGRAM ACCOMPLISHMENT (PPA)

### DESCRIPTION FORM

(The information recorded below is for planning purposes only and not subject to audit.)

PPA Title: New Source Review

PROJECTED STATUS AT END OF FISCAL YEAR (FY) 2008

- A. Work Years of Effort: 10.0
- B. Key Responsible Person: Lynn Fiedler
- C. Key Responsible Group: Permit Section
- D. Estimated Total PPA Cost: \$1,086,786

**E. FY2008-2009 Commitment Narrative:**

Permit applications for minor (non-Title V) sources were processed in accordance with the requirements identified in this PPA. Final action was taken on 587 minor permit applications (529 approvals, 2 denials, and 56 voids). Additionally, the 9 Prevention of Significant Deterioration (PSD) permits were issued according to federal requirements. There have been no non-attainment major source permits issued. Reviews included the evaluation of the permit applications for compliance with state regulations such as air toxics, state best available control technology (BACT) for new sources of volatile organic compounds, emission limitations, nuisance prohibition, and protection of the National Ambient Air Quality Standards and PSD increments.

Public comment periods and hearings (if requested) were held for a few of these minor sources. Per state requirements, this occurs for those applications judged to be controversial, thus allowing the opportunity for meaningful public participation in the decision-making process, or if emissions, after limitation, are 90% or more of the major source threshold. Twenty six public comment periods were held for non-PSD permits.

Seventy-five sources received coverage under various general permits in the past year. Staff also operated under the completely redesigned permit process. The goal of the process is the expeditious issuance of environmentally sound, operationally flexible, and achievable permits within six months with the requirements clearly identified prior to the application submittal. Permits were issued, on average, within 73 calendar days of receipt. Staff will continue to input the data in the RACT, BACT, and LAER Clearinghouse as soon as possible after each PSD permit is issued.

Staff assisted companies by describing the permitting process and requirements during pre-application and permit scoping meetings. Permit staff, in conjunction with the Small Business Clean Air Assistance Program staff, continued to conduct regular training sessions on the requirements of a properly completed permit application.

A SIP submittal for the approval of a state of Michigan PSD program is pending final approval by U.S. EPA. U.S. EPA held a 30 day comment period which was then extended for an additional 30 days (by request). The extended comment period

State: Michigan Department of Environmental Quality

Date: July 1, 2008

Program: Air Management

Item: PPA-11

PLANNED COMMITMENT FOR FY 2009:

A. Work Years of Effort: 10.0

B. Key Responsible Person: Bill Presson

C. Key Responsible Group: Permit Section

D. Estimated Total PPA Cost: \$1,117,325

ended on March 12, 2008. Since that time, U.S. EPA has been working on adding the response to comments to the Federal Register (FR) notice. The FR notice is now complete and proceeding through the signature chain within U.S. EPA, once approved, the FR notice will be published.

The draft rules for permitting major sources located in nonattainment areas have been submitted for final approval to the State Office on Administrative Hearings and Rules (SOAHR) and the Legislative Service Bureau (LSB). After both approve the rule package, the nonattainment rules will be submitted to the Joint Committee on Administrative Rules (JCAR) which requires 15 session days before the rules can be approved and submitted to the Secretary of State for final approval. U.S. EPA has been reviewing the nonattainment rules concurrently to streamline their review once Michigan submits them for SIP approval. Final approval of the nonattainment rules is expected by the end of August 2008 within the state and will then be submitted to U.S. EPA for SIP approval.

PROJECTED PROGRAM ACCOMPLISHMENT (PPA)

DESCRIPTION FORM

State: Michigan Department of  
Environmental Quality (MDEQ)

(The information recorded below is for  
planning purposes only and not subject to audit.)

Date: July 1, 2008

Program: Air Management

Item: PPA-12

PPA Title: Support Services - Laboratory and Maintenance

PROJECTED STATUS AT END OF  
FISCAL (FY) FY 2008:

PLANNED COMMITMENT FOR FY 2009:

A. Work-years of effort: 3.0

A. Work-years of effort: 3.0

B. Key responsible person(s): Amy Butler

B. Key responsible person(s): Amy Butler

C. Key responsible group: Environmental Science  
and Services Division

C. Key responsible group: Environmental  
Science and Services Division

D. Estimated total PPA costs: \$228,000

D. Estimated total PPA costs: \$125,000

**E. FY 2008-2009 Commitment Narrative:**

**Laboratory Services:**

Provide analytical and technical services that include filter analyses, sample analyses, development of analytical methods, and identification of toxic air pollutants. The laboratory also verifies standards used in the field for calibration of equipment. The MDEQ's Environmental Laboratory Services has been converted to a pay per sample contract. Costs are projected at the rate for analysis of anticipated number and types of samples.

The Air Quality Division contracts with other laboratories for analyses not provided by the MDEQ's Environmental Laboratory Services.