

US EPA ARCHIVE DOCUMENT

State Innovation Grant
Missouri Department of Natural Resources
St. Louis Air Quality Management Plan
2nd Quarter 2010 Progress Report

Synopsis of Accomplishments

Based on the project timeline, the activities planned in this quarter are designed to continue construction of technical data necessary for implementation of the AQMP. Additional information and minor comments on the final draft AQMP from members of the workgroup and interested stakeholders required changes to the document. Another version of the AQMP was developed on May 14, 2010 and is included for your review. There were two, formal AQMP conference calls during the 2nd quarter of 2010. Much of the effort during the 2nd quarter was to develop emission inventory information for the upcoming ozone State Implementation Plan for St. Louis. Also, a draft Request for Proposal is near completion for contract assistance with emission inventory development and other modeling input development for the AQMP project.

The specific details for each important grant task are outlined below in Table 1.

Table 1 - Schedule of Major Project Tasks

	Task Name	Task Description	Outputs Expected	Start Date	End Date	Complete	Comments
5.3	Prioritization of Air Quality Issues in St. Louis**	Decisions by the agencies with substantive stakeholder input regarding the prioritization of air quality problems within the area, resource allocation, staffing, etc.	Discussion within the AQMP about resources, air quality priorities, funding issues, etc.	8/09	10/09	Draft	At this point, the key focus areas are the 2010 ozone standard and the air toxics evaluation necessary for inclusion. The new SO2 standard is problematic for the St. Louis area and will ultimately be part of control decisions using the multi-pollutant paradigm
6.1.1	Development of Request for Proposal (RFP) for Air Quality Modeling Contract**	After the “new” modeling constructs have been transferred, an RFP will be created for assistance in the development of the emission inventory and modeling databases for the AQMP process; the contract will be for \$100,000 (this amount will not fund the whole effort; assistance only)	Completed RFP for modeling assistance	12/08	3-5/09	N/A	Draft RFP is near completion and should be out in the 3 rd quarter 2010.

Table 1 - Schedule of Major Project Tasks

	Task Name	Task Description	Outputs Expected	Start Date	End Date	Complete	Comments
6.1.2	Selection of Contractor/Contract Agreement**	Evaluation of the RFP and completion of the contractor selection culminating in the negotiation and finalization of the contract	Documentation of contract process and selection of contractor for this project and final contract for use	7/09	9/09	N/A	Tabled until after RFP is developed
6.1.3	Selection of Modeling Database (year, domain, etc.)*	Selection of the new modeling inventory year and database including domain size(s) for evaluation of criteria pollutants and air toxics (the outcome of this task will drive the remainder of the process and will need to be thoroughly discussed with EPA OAQPS and the Regional Offices and will be based on available EPA guidance for the new NAAQS)	Technical document detailing decision and rationale	9-10/09		N/A	Many of these choices have been made, but some of the remaining decisions will have to wait until EPA has finalized the new 8-hour ozone standard

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	Task Name	Task Description	Outputs Expected	Start Date	End Date	Complete	Comments
6.1.4	Development of Baseyear Emission Inventory**	Obtain available emission inventory data from states, regional planning organizations, and EPA for criteria and air toxics pollutants (e.g. National Toxics Inventory); develop Missouri/St. Louis information then, process these data to develop the model-ready inventory database for this project (majority of contract funding will be expended here)	Model-ready emission inventory database	Early 2010	Mid-2011	N/A	Work continues for the 2007 statewide inventory of Missouri and Illinois including air toxics that will be utilized for the baseyear inventory
6.1.5	Development of Other Baseyear Inputs	Development of air quality, meteorological, and other photochemical modeling inputs	Model-ready database	Early 2010	Mid-2011	N/A	Meteorological information is being developed for the summer of 2007 and will be paired with the other air quality and modeling inputs for use in the baseyear modeling exercise.

Narrative Discussion

The state of Missouri is still suffering from serious on-going budget difficulties. While there are no definitive plans to address current funding shortfalls for the next fiscal year, the Air Program remains committed to beginning its implementation. The remaining issues related to the AQMP are beyond the control of the department. The department continues to move forward with efforts to begin analysis of the 2010 ozone standard under the AQMP for St. Louis along with the SO₂ and NO₂ standards. When the ozone standard is finalized, many of the decisions regarding technical air quality analysis and outreach will be necessary. At this time, the department is evaluating the SO₂ primary air quality standard along with the proposed Clean Air Transport Rule to understand the impacts on the St. Louis area and the AQMP.

Next Quarter Activities

The activities in the 3rd quarter of 2010 will further the implementation of the St. Louis AQMP. The Air Quality Advisory Committee meetings to continue discussions about the implementation of the AQMP will continue. In addition, discussions regarding health-based evaluation metrics under the AQMP and the other ancillary air quality issues to be included in the AQMP evaluations. The RFP for the modeling contract will be finalized to include the final 2010 ozone NAAQS. EPA's issuance of the ozone NAAQS will dictate many of the technical and policy choices for the St. Louis area in the future.

Financial Report

The following items were billed to the grant.

Personal Service	\$6,578
Fringe	\$3,262
Indirect	\$3,294

This leads to a total expenditure of \$13,134 during the 2nd quarter 2010.