

DEPARTMENT OF ENVIRONMENTAL QUALITY

DIVISION OF AIR QUALITY FY 2003 GOALS

I. DAQ STRATEGIC GOAL

PROTECT THE ENVIRONMENT

Attain and maintain air quality to protect public health and the environment through a comprehensive program including development and implementation of air pollution control strategies; promotion of compliance; monitoring of emissions and ambient air; promotion of appropriate pollution prevention activities; and further development and optimization of the emissions inventory process. Develop and implement control strategy plans, permitting process and compliance procedures, and rules which protect air quality, enhance appropriate development, and enhance Utah's economic potential. Operate a quality assurance program under a comprehensive Division QA policy.

Measures:

- CPM→
A1,P2
CPM→
A2
 - a. National Ambient Air Quality Standards are attained and maintained.
 - b. National Emission Standards for Hazardous Air Pollutants are attained and maintained.
 - c. PSD Increments are protected.
 - d. State Implementation Plans (SIPs) are developed to attain and maintain air quality.
 - e. Regulated community compliance status improves.
- CPM→
A7
CPM→
A1
 - f. Monitoring network collects appropriate and valid data.
 - g. Appropriate emission inventories are completed and trends developed.
 - h. Appropriate permits are issued in accordance with the Clean Air Act and State law requirements.

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- CPM→ 1. Appropriate SIPs are developed and implemented in all areas of the state.
A4, A6

Measures:

- a. Issues surrounding the current SO₂ Maintenance Plan are resolved with EPA, and a revised plan is submitted to EPA for review and approval as necessary.
- b. A PM₁₀ SIP revision for Utah is submitted to EPA, and a PM₁₀ Maintenance Plan is developed based on UAM-AERO for the complete PM₁₀ modeling domain for submission by March 2004.
- c. A Natural Events Action Plan is prepared and submitted to EPA for review and approval.
- c. Rules incorporating the Aerospace RACT are developed and implemented.
- c. The Part D SIP requirements are completed for the Ogden PM₁₀ nonattainment area and submitted to EPA for review and approval.

- c. Begin development of a regional haze SIP to meet the December 31, 2003 submittal date.
- c. Monitor progress with the development of the 8-hr ozone standard, and make recommendations as appropriate for the initial designations.
- h. Alternate contingency measures for the ozone maintenance plan (currently Stage II) are developed and submitted to EPA for review and approval.

CPM→ 2. Existing SIPs are implemented
A7

Measures:

- a. Conformity determinations of TIPs and LRPs are reviewed and comments submitted to the appropriate agency within the comment period of each finding.
- b. The implementation of the government agency Employer-based Trip Reduction Program required in the Ozone Maintenance Plan. Statistics are under review to determine the progress of individual agencies in meeting their six-year 20% drive-alone reduction goal. If appropriate, a revision in the program will be proposed.

CPM→ 3. Appropriate Inventories are developed and improved.
A1, A5

Measures:

- a. The Title V inventory is prepared by August 15.
- b. A HAP inventory is prepared by August 15.
- c. Non-HAP / non-criteria / non-MACT regulated pollutants are inventoried by August 15.
- d. The point source annual inventory is uploaded to EPA by June 28.
- e. The inventory required for a regional haze SIP is developed as required.
- e. Inventory reporting requirements are evaluated and minimized.

4. PSD increment tracking continues to meet federal requirements.

Measures:

- a. Major Sources are tracked for increment consumption as permits are issued.
- b. PSD tracking will be addressed in the design of the NSR database permitting system that is under development.

CPM→ 5. Maintain an adequate ambient air quality monitoring program according to 40 CFR
A3, A4 part 58 to assess public exposure to air pollutants and to determine attainment status.

Measures:

- a. The annual Monitoring Network Review is completed and submitted to EPA by June 30.
- b. PM2.5 monitoring network is maintained and operated.
- c. Monitoring data are submitted to EPA 90 days after each quarter.

- d. Toxic air pollutants are monitored at Grantsville as determined necessary.
- e. Appropriate participation in the Improve Steering Committee and WRAP Monitoring Committee.
- f. Locations for new monitoring sites are based on current emission inventories and air quality modeling and EPA regulation.

CPM→ 6. Implement Urban Airshed Modeling for Utah County CO redesignation.

Measures:

- b. Based on the outcome of negotiations between EPA and Utah County, begin a reanalysis of CO in the Provo/Orem area. Modeling protocol development for a CO study to begin following completion of the PM10 Maintenance Plan. UAM

CPM→
A2 7. Pro-active pollution reduction measures are reviewed and implemented as appropriate.

Measures:

- a. Pollution prevention measures are promoted during permit development where appropriate and feasible.
8. Maintain and assist the compliance status of air pollution sources in the State.

Measures:

- a. By November 15, prepare and submit the compliance monitoring strategy to EPA for review and approval by December 15.

ASB→ b. Asbestos notification, certification, and outreach programs are implemented, and at least 120 on-site inspections are performed.

CPM→
A7 c. The work program for the AHERA Toxic Substances Compliance Monitoring Grant is implemented.

LD→ d. The work program for the State Lead Program Development Grant is implemented, and a program that meets State needs is developed in conjunction with other affected agencies.

9. Implement the Operating Permits Program meeting the current requirements of Title V, CAAA 1990, and the Utah Air Conservation Act.

Measures:

- a. An Operating Permits Program is continued as described in program approval from EPA.
- b. The provisions of the Acid Rain Act and 40 CFR Part 72 and Part 76 are implemented.

10. Continue issuing approval orders for new sources and modifications of the existing approval orders.

Measures:

- a. Communications with sources are carried out effectively to complete NOI submittals and any other information necessary for reviews.
- b. Air quality modeling is completed to ensure the protection of the NAAQS and PSD increment

ceilings in class I and class II areas.

- c. Hazardous air pollutants (HAP) and other non-criteria regulated pollutant emissions are documented and reviewed, and if necessary, air quality modeling for HAP sources is completed to assess the ambient impact.
- d. Streamline permitting process by developing more permits by rule, general permits, and upgrading permitting forms.
- e. Continue making improvement in the implementation of the de minimis rule and flexibility provisions.
- f. Complete review of permitting process and document processes/procedures for redesign of the NSR database user-interface to support NSR permitting.

11. Continue issuing pollution control facility certifications for sales tax exemption

Measure:

Pollution control facility certifications are issued within 120 days from the application date.

12. Quality Assurance programs are reviewed for effectiveness.

Measures:

- a. Statistical quality standards are met.
- b. Rules, regulations, procedures, policies, and protocols are complied with.
- c. Regulatory activities will be documented including the appropriate technical support.
- d. The State and EPA agree on the adequate quality of air program results.

II. DAQ STRATEGIC GOAL

INVOLVE OTHERS IN THE PROCESS

Involve customers (internal/external) in the development of SIPs, issuing permits, and compliance activities. Form partnerships with stakeholders to ensure consideration of all relevant issues. Align with customer (internal/external) needs and improve delivery of quality service by identifying and understanding customer needs, and by negotiating reasonable solutions to meet customer needs.

Measures:

- a. Customer feedback is obtained, reviewed, and appropriate action is taken.
- b. Cost of implementation is evaluated.
- c. Time required to meet customer needs is minimized.
- d. Stakeholders are involved in the development of air quality strategies and plans.

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1. The web site is enhanced to increase the availability for public usage.

Measures:

- a. Progress is made to develop provisions for external customers to comment on proposed rules, submit inventory data, and submit NOIs via the web, as well as providing clear and accurate information via the web.
- b. Staff input to the web page increases, including increased availability of public documents, data, charts, graphs, project status, etc. The Mobile Sources Section will work with the web master to create a Mobile Sources web page.
- c. The Division web structure conforms to the Department's One-Stop Program allowing external and internal customers a single access point for environmental data.

OS→

- 4. Involve affected entities in the rulemaking, SIP development, and permitting process

Measures:

- a. Partnerships include appropriate parties and the scope of the affected entities and their respective roles are clearly defined.
- b. Meetings are held to address a variety of issues including environment, health, and economic concerns, statutory requirements and implementation.
- c. PM10 SIP Stakeholder workgroups are supported during development of the revised PM10 SIP.

SBA→

- 5. The small business assistance program (SBAP) is maintained which actively assists small businesses to comply with rules of the Board.

Measures:

- a. Educational Assistance is provided to all small businesses affected by adopted NSPS and MACT standards.
 - b. As appropriate, the Small Business Advisory Panel's role is modified to increase the effectiveness of the SBAP.
 - c. Voluntary on-site assistance is provided.
 - d. The small business work plan for the Small Business Advisory Panel is modified as appropriate to better provide assistance needs.
 - e. Assistance tracking is modified as appropriate to better provide and measure assistance needs.
- 6. DAQ internal communications will be improved.

Measures:

- a. Quality Council will be used to identify cross-cutting issues and establish appropriate workgroups to discuss those issues.
- b. Performance plans will be prepared that include responsibility for involving internal customers in each employees work product.
- c. Staff developing emissions inventories and approval orders will coordinate their work better to assure compatibility and reduce duplication of efforts.

- c. Issuing Approval Orders and developing point-source emissions inventories and SIP Limits dealing with point sources will be coordinated.

7. Provide technical support and application development of Geographic Information Systems (GIS) technology.

Measures:

- a. Develop operational AMC web-based visualization of air quality and meteorology data in conjunction through a cooperative EMPACT grant. This is a cooperative, two-year project begun in April 2000 and includes the Department I staff, AMC staff, and the Automated Geographic Reference Center.
- b. On-going development of visualization application(s) for UAM output.
- c. Continue support of modeling efforts with GIS application already developed, accommodating changes as needed by the modeling staff.

III. DAQ STRATEGIC GOAL

PARTNER WITH OTHER IN-STATE GOVERNMENT AGENCIES

Work in partnership with local government, MPOs, and other state and federal agencies to develop and implement programs for the protection of air quality statewide and to achieve and maintain acceptable air quality along the Wasatch Front.

Measures:

- a. Partnership satisfaction and feedback.
- b. Appropriate areas of responsibility are defined for DAQ and local agencies.
- c. Recognition, discussion, prioritization, and resolution of applicable air quality issues occurs.

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- 1. Work to implement R307-204, Smoke Management, the Utah Smoke Management Plan (SMP), and MOU to mitigate smoke impacts from managed natural fires and prescribed fire on visibility, public nuisance, and the health-based NAAQS.

Measures:

- a. An emissions tracking system is developed to calculate air emissions from prescribed fires, managed natural fires, and wildfires.
- b. Coordinated with partner agencies to maintain the Smoke Program Coordinator to make necessary burn approval or denial decisions.

- 2. Participate as appropriate in activities of other partner agencies.

Measures:

- a. DAQ staff are involved in planning activities of UDOT and UTA.
- b. DAQ staff works with the MPOs to acquire and analyze vehicle miles traveled (VMT) data for use in inventory work of the division.

- c. Local health department staff are trained as requested in the siting and operations of monitoring equipment.
- d. Training and other assistance will be provided to tribal air quality staff as requested and within available DAQ resources.

3. Actively participate in the work of local planning agencies and organizations.

Measures:

- a. Participation in Clean Cities which promotes the use of alternate fuels and alternate-fueled vehicles for state/local governments.
- b. Advice will be provided on fuels issues to improve air quality in Utah.

4. Provide technical support to LHD vehicle emissions Inspection and Maintenance (I/M) programs.

Measures:

- a. Work with the LHDs to quantify effectiveness of existing and proposed I/M programs in support of future SIP development.
- b. Provide technical assistance to LHD I/M program staff.

MSOA→ 6. The Division supports and contributes to the goals and objectives of the Center for Automotive Science and Technology at Weber State University.

Measures:

- a. Accurate information provided to stakeholders about the impact of emissions, emission control systems and efficiency of vehicles.
- b. Mobile source emission education & training provided to local & national automotive technicians, instructors, regulatory officials, field engineers and consumer groups.
- c. Working with DEQ staff, partner with secondary and post-secondary engineering and automotive technology programs and assist them in strengthening their air quality-focused programs.

7. Work with EPA to complete federal actions on backlog of State submittals

Measure:

Appropriate assistance is provided EPA staff responsible for completing federal action on each submittal to facilitate final EPA action on each.

IV. DAQ STRATEGIC GOAL

MAINTAIN DELEGATION OF FEDERAL PROGRAMS

Delegation of federal air quality programs identified in the Clean Air Act Amendments of 1990 by developing appropriate plans, programs, policies, procedures and rules and by actively influencing non-delegated federal air quality programs to reflect Utah needs.

Measures:

- a. Delegated programs are maintained and meet Utah needs.
- b. Program activities result in minimal federal intervention.
- c. Federal and state air quality regulations and rules are reviewed regularly, and changes are made to ensure continued authority, applicability and enforceability.

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- 1. Implement designated facility plans, NSPS, NESHAPS, MACTs, CTGs.

Measure:

- a. MACT Standards that apply to sources in Utah are adopted and implemented through the Operating Permit process as they are developed and promulgated by EPA.
- b. NSPS standards that apply to sources in Utah are adopted and implemented through the permit process as they are developed and promulgated by EPA.
- 2. Continue to submit data to EPA as required by EPA.

CPM→
A7

Measures:

- a. Quality assured ambient air pollution data will be submitted to AIRS no later than 90 days after each calendar quarter.
- b. Data precision and accuracy assessments will be submitted to AIRS no later than 90 days after each calendar quarter.
- c. As the federal database is revised and implemented, state capabilities to upload data are upgraded.
- d. The data base is monitored on an ongoing basis for accuracy and completeness.
- e. Data summary reports are printed for regulatory and public use as appropriate.

V. DAQ STRATEGIC GOAL

INFLUENCE STATE, REGIONAL, AND NATIONAL POLICY

Influence Utah, regional and national air quality policy by actively participating with the Utah Legislature and active involvement with established regional and national policy making organizations.

Measures:

- a. Participation in Utah, regional and national policy-making organizations.
- b. Utah, regional/national policies reflect State and program needs/ requirements.

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- 1. Active participation in appropriate Utah, regional, and national policy-making organizations.

Measures:

- a. The DAQ provides input into the work products of the WRAP, WESTAR, STAPPA, WGA, and FACAs Mobile Source Committee.

- b. Where offered and appropriate, DAQ employees assume leadership roles in the activities of forums, teams, or committees of WRAP, WESTAR, and STAPPA.
- c. DAQ information is provided to the Administrative Rules review committee and other legislative bodies as requested.
- d. DAQ actively participates in appropriate meetings of the MPOs.

VI. DAQ STRATEGIC GOAL

INCREASE PUBLIC AWARENESS

Educate the general public and small businesses about the sources of air pollution, methods to reduce emissions, and the personal and economic benefits of voluntary reductions of air pollution.

Measures:

- a. Public awareness of the causes of air pollution is increased.
- b. Voluntary measures are quantified and used as control strategies where appropriate.
- c. School curricula are developed and staff trained appropriately.

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- 1. Provide information to the public that may result in lower emissions from the transportation sector of the inventory.

Measures:

- a. Information is prepared and disseminated that promotes the use of alternate fuels.
- b. The Spare-the-Air campaign is continued.
- c. No-drive-days and no-burn-days are continued.
- d. Information regarding alternate commute options is provided to appropriate agencies.

- 2. Respond to questions from the public regarding air quality issues

Measure:

- a. Respond to questions from the public regarding air quality issues in a timely manner.

DIVISION OF DRINKING WATER

FY 2003 GOALS

MISSION STATEMENT:

To protect the public against waterborne health risks through
Education, assistance, and oversight