

DEPARTMENT OF ENVIRONMENTAL QUALITY

OFFICE OF PLANNING & PUBLIC AFFAIRS FY 2007 GOALS – END OF YEAR REPORT

PPA MISSION:

Enhance the effectiveness of the Department and Divisions by partnering in community relations, media relations, pollution prevention, public education, planning, business assistance, and environmental justice.

ENVIRONMENT

PPA STRATEGIC GOAL #1:

Partner with the Department and Divisions in planning and policy initiatives.

PPA PLANNING GOALS:

1. Provide planning support to statewide initiatives.

Measures:

- a. Coordinate DEQ participation in Utah Quality Growth Commission, Envision Utah and other opportunities that arise.
- b. Coordinate information and issues from statewide initiatives through appropriate DEQ channels.

STATUS: *OPPA continues participation in the Quality Growth Commission Meetings and has membership on the LeRay McAllister Critical Lands Subcommittee of that Commission providing environmental review and input on applications for funding of critical lands acquisition and open space.*

OPPA participated in the update of the 2007 Subdivision Development Guide published by the Utah League of Cities and Towns. OPPA staffs the Governor's Blue Ribbon Advisory Committee (BRAC) on Climate Change.

2. Provide planning support for DEQ initiatives.

STATUS: *OPPA continues to provide ongoing policy and planning support to DEQ.*

Measures:

- a. Maintain community-based planning efforts.

STATUS: *DEQ community-based planning efforts are issue focused and continue to include among other things Meth Lab policy development and coordination with the Departments of Health and Public Safety and the State's 12 local health departments. Environmental spills and alternative wastewater systems policies are also being developed with the LHDs. DEQ continues to participate in the Urban Planning Model with the Salt Lake County Environmental Quality Advisory Commission (EQAC).*

- b. Identify and implement pollution prevention cross-media projects.^{P2}

STATUS: *The P2 program worked cross-agency to focus on the construction. Three presentations were made to assist this sector with implementation of best management practices. DEQ has also developed an internal "Construction Best Management Practices" workgroup that has representation from the air, land and water divisions as well as P2.*

3,000 Construction Best Management Practices were distributed to the following groups: Local Health Departments, City Engineering Depts., Utah Builders Association, Utah League of Cities and Towns, AWWA, DEQ Board members, County Planners.

- c. Incorporate environmental indicators into Local Health Department contracts and the Performance Partnership Agreement (PPA).

STATUS: *Environmental indicator development continues at the federal level with state review, but none have officially been incorporated into the PPA or local contracts. Activity measures are still being used. Two activities which have been included are "Get the Mercury Out" P2 and outreach efforts, "Best Management Practices for the Construction Sites" P2 efforts.*

- d. Coordinate completion of the FY 2007 PPA.

STATUS: *FY 2007 Performance Partnership Agreement completed.*

- e. Coordinate completion of End-of-Year report for FY 2006 PPA.

STATUS: *FY 2006 End-of-Year Report completed.*

- f. Support EIMI initiative.

3. Provide policy support for DEQ initiatives.

Measures:

- a. Provide informational and outreach support to stakeholders impacted by DEQ initiatives.

STATUS: *Providing outreach staff support for the Great Salt Lake Selenium workgroup. Southwest Jordan Valley Groundwater Study including maintaining website and coordinating with stakeholder workgroups. Assisting Air Quality with the establishment of its Greenhouse Gas stakeholder workgroup. Staff Governor's Blue Ribbon Advisory Committee on Climate Change.*

- b. Assist with Environmental Council of States (ECOS) and other national policy initiatives, as requested.

STATUS: *Participation continues to be provided to ECOS and other national policy initiatives as requested.*

- c. Support implementation of Clean Utah.

STATUS: *Clean Utah has grown to include 16 companies and 35 facilities.*

- d. Participate in statewide Homeland Security planning efforts, including bioterrorism.

STATUS: *DEQ continues to participate in Homeland Security planning efforts and mock drills.*

4. Provide support for DEQ leadership development initiative.

Measures:

- a. Coordinate leadership-training classes.
- b. Facilitate follow-up activities in sections and branches as requested.
- c. Coach individual employees as requested.
- d. Research, develop and recommend to management new opportunities.

PPA STRATEGIC GOAL #2

Facilitate integration of Pollution Prevention initiatives in DEQ and throughout the state.^{P2}

PPA POLLUTION PREVENTION ANNUAL GOALS:

1. Promote and Support Environmental Management Systems (EMS) and Clean Utah Initiatives.

Objective:

Improved environmental performance through adoption of sustainable practices by business that can be showcased through Clean Utah.

Measures:

- a. Number of Clean Utah new participants.

STATUS: *5 new partners added in FFY2007.*
USANA
Firestone Building Products
Tear-A-Part
UTA
Circle 4 Farms

- b. Number of EMS audits completed.

STATUS: *4 EMS audits completed in FFY 2007.*
La-Z-Boy
USANA
Circle 4 Farms
Tear-A-Part

- c. Number of project promotional presentations completed.

STATUS: *22 presentations completed.*
45 technical assistance activities completed.

- d. Reductions in pollutants in recreational areas and schools.

STATUS: *DEQ's school chemical cleanout program presented at the Utah Board of Education Annual Conference, May 2007.*

Presented DEQ's school chemical cleanout program to a state wide emergency preparedness conference for teachers and administrators, March 2007.

Planning, implementation and participation at the 4th Annual Collaborative Summit held in Glacier National Park. This summit brings together environmental leaders from Western states, EPA and land management

agencies to discuss environmental improvements on public lands. Their focus for 2007 was climate change and energy.

Healthy SEAT: Salt Lake City School District was selected to pilot the National Healthy Seat Program. The P2 Program has worked closely with the district and provided technical support towards its implementation. The district has not been satisfied with the program and has had difficulty with support and utilization from the schools. Salt Lake City School District is working with EPA at the national level to improve the program for other schools. The district has moved forward with implementing version 2 and the P2 Program will continue to provide technical support.

*Two school chemical cleanouts completed in FFY2007.
3,954 lbs. of hazardous waste collected during cleanouts.
Cost to dispose of hazardous waste is \$7,160.*

Used Oil:

DEQ worked with schools throughout Utah to educate students on the proper management of used oil and used oil filters. In addition, students were educated about where to take their used oil to be recycled. The students were also provided with a survey to complete. The results of the surveys will assist DEQ in developing new ways to reach the public and educate them on used oil recycling and the proper management of used oil and filters.

- e. Pollution reductions in Utah business industry.

STATUS: *Continuation of Construction Sector outreach during FFY 07:
Distribution of approx. 650 brochures to the following groups:
Utah League of Cities and Towns (including workshop presentation)
American Water Works Association (Utah Chapter)
Local Health Departments Distribution
Association of Builders and Contractors (including workshop presentation)*

*Continuation and update of construction BMP website:
www.deq.utah.gov/construction
675 hits to website*

STATUS: *The P2 program in conjunction with the Utah Pollution Prevention Association received 8 award nominations from Utah companies requesting recognition for their P2 efforts. 6 of the nominations were accepted and an awards seminar was held. At the seminar, the award recipients also provided an overview of their P2 efforts during the year to share and mentor other Utah businesses.*

Water Reduction: 10,400,000 gallons

<i>Hazardous Waste:</i>	<i>128.5 tons</i>
<i>Air emission reductions:</i>	<i>1,568 tons (includes PM, NOX, CO2 and SOX)</i>
<i>Solid Waste:</i>	<i>223 tons (includes reduced and recycled)</i>
<i>Methane Gas Collected:</i>	<i>1,3000 scfm (standard cubic feet/minute)sold to Murray City Power</i>
<i>\$\$ saved from P2 efforts:</i>	<i>\$1,504,965.00</i>

f. Pollution reductions at DEQ.

STATUS: *DEQ's upper management developed a department wide greening initiative. They will actively engage every DEQ employee as best as possible in the planning process and implementation of enhancements. Also, DEQ is working to prepare work plans to enhance recycling, energy efficiency and the Choose Clean Air elements of green government. Once DEQ has implemented these initiatives DEQ will work actively to engage other state agencies in greening government practices.*

Estimated Pollution Reductions from DEQ Telework Program for FFY2007:
Reduced Carbon Monoxide: 2,815 lbs
Reduced Nitrogen Oxide: 175 lbs
Reduced Sulfur Dioxide: 9.11 lbs.
Volatile Organic Compounds (VOC's): 197 lbs.

In an effort to increase public transportation rider ship, DEQ's Executive Director approved the purchase of discounted bus passes for all 425 employees. An estimated 170 employees actively ride the bus to work.

*DEQ, Air Quality also uses a Toyota Prius for in-state trips:
 2.65 tons CO reduced*

During 2007, DEQ replaced three carpool vehicles with three new hybrids. Because these were purchased late in the reporting year, the pollution reduction savings will be reported next year.

DEQ only purchases the flat screens now. All desktop computers and printers are Energy-Star compliant.

DEQ replaced the data center air conditioning units with more energy star rated cooling equipment. This is a significant source of energy for DEQ and will provide great energy savings. These totals will be calculated and reported in next year's grant.

DEQ's Executive Director has implemented the policy of double siding all print

jobs as a standard procedure. This has cut DEQ paper waste by 50%.

DEQ's recycling program has expanded to include magazines, phonebooks, aluminum cans, newspaper, cardboard, junk mail, plastics #1-7 and plastic coated milk and juice cartons.

Amount recycled: 3,200 lbs.

Cost in FFY 2007: \$350.00

In addition, the Division of Radiation Control recycled some old equipment that was lead:

740 lbs. lead recycled

DEQ also implemented a new battery collection program:

Batteries collected and recycled: 8 lbs.

Utah's Governor Huntsman established a statewide goal for energy conservation for state agencies of 20% energy usage by 2015. In addition, the Governor challenged all state employees to carry on this conservation at home. For Earth Day 2007, DEQ's Executive Director gave all 425 DEQ employees a CFL and asked them to sign the "Change A Light, Change the World" pledge.

46,750 KWh saved

\$3,633.75 saved

33.2 tons CO2 reduced

4.25 cars removed from road for 1 year

8.5 acres of forest air pollution reduction equivalent

2. Develop and Support Statewide Partnership Efforts

Objective:

Improved environmental awareness through partnerships with the P2 program and other groups/agencies with similar goals and priorities.

Measures:

- a. Number of ongoing partnerships as well as number of new partnerships.

STATUS: *Power Forward*

The Utah Department of Environmental Quality (DEQ) in conjunction with its electric utility partners is working to reduce peak electricity consumption during peak hours through its Power Forward program.

For more information on this effort:

<http://www.powerforward.utah.gov/>

Utah Bus Retrofit project:

Davis County School District has been working with the P2 program and DEQ to retrofit schools buses to reduce air emissions. Davis County has hired Engine Control Systems as the vendor to do the retrofits. For FFY 07, 50 buses have completed the retrofits with an additional 60 buses to be done in FFY 08. Pollution reduction amounts for the 50 buses are estimated at:

<i>Hydrocarbons:</i>	<i>16 tons</i>
<i>CO:</i>	<i>16.6 tons</i>
<i>PM10:</i>	<i>7.2 tons</i>

ECOS QuickSilver Caucus (Mercury Workgroup)

The P2 program serves as Utah's representative and participates in all monthly calls, surveys, meetings and policy development on the national committee. Attended National Quicksilver Caucus Meeting, May, 2007.

Bioneers Conference: DEQ's P2 program was a sponsor of the annual Utah Bioneers statewide 3 day conference. 60 attendees.

Utah Society for Environmental Education Annual Conference. DEQ's P2 program sponsored and assisted with conference implementation. 30 attendees

Economic Development:

The Utah P2 program is actively involved in working with companies who are interested in locating in Utah. The P2 program coordinates and chairs all DEQ Pre-Design meetings. During this reporting period, 14 pre-design meetings were held. The P2 program also communicates regularly with the state economic development offices and the Governor's office on economic/environmental issues.

Source Reduction and Recycling

*Sponsor of Recycling Coalition of Utah's (RCU) annual conference
Co-sponsor of Statewide Electronics Legislative Research Committee.*

DEQ's P2 and Used Oil program actively participated in many year-round events to promote environmental protection and awareness. These events included:

Rocky Mountain Raceway/NAPA Auto race events: ticket discounts, free admission, etc. for recycling used oil.

Promotional info and center locations given at statewide and county fairs, demolition derbies, Earth Day events and sporting events on college campuses.

Television, radio and print ads in English and Spanish were also done statewide with an estimated cost of \$20,000.

- b. Number of participants in Utah P2 sponsored conferences and workshops. Effectiveness of the workshops will be demonstrated using evaluation forms.

STATUS: *Utah Pollution Prevention Board Meeting, Jan. 2007: 22 attendees
Utah Pollution Prevention Annual Meeting, Sept. 2007: 30 attendees
Take your Child to Work Day P2 Presentation, April 2007: 65 attendees*

- c. Number of P2 award nominations received for annual P2 award recognition program.

STATUS: *8 received
6 awarded*

- d. Completion and distribution of EPA P2 measurement tool.

STATUS: *The State of Colorado has not completed the implementation tool at this time..
Upon its completion, Utah's P2 program will work to populate and distribute P2 information from Utah to a national audience.*

- 3. Encourage Pollution Prevention to Utah Citizens Through Programs that Target the Reduction of Special Wastes.

Objective:

Reduce the amount of contact and improper disposal of wastes that can cause human health concerns and environmental pollution.

Measures:

- a. Amount of mercury collected and properly disposed of. ^{MERC}
830 lbs of mercury collected.

STATUS: *Utah's Local Health Departments (LHD's) worked closely with the P2 program to establish mercury collection and education programs in each county in Utah. As part of this effort, the LHD's were provided with digital thermometers to give out as replacements for the mercury thermometers residents brought in for proper disposal. LHD's distributed over 250 digital thermometers during this grant period. Although the total amounts of mercury collected from the LHD program did not differentiate between mercury devices, the 250 replacement digital thermometers should be representative of the number of mercury thermometers that were collected. Bear River Health District went a little further than other LHD's by partnering with school administrators, PTA*

councils and senior centers, in providing additional awareness/participation activities that will continue in future years. In addition, Salt Lake Valley Health Department has a year round household hazardous waste collection program that targeted mercury during FFY 07. The amount of mercury they reported was 655 lbs. This would include mercury collection from not only county residents but small businesses also.

- b. Amount of used oil collected and properly disposed of.

STATUS: *475,000 gallons used oil properly collected and recycled. During 2007 DEQ's Used Oil program targeted farmers and ranchers state wide in an effort to educate and properly dispose of their used oil. 2,422 gallons of used oil collected.*

- 4. Continue to Support and Promote the Use of Supplemental Environmental Projects (SEP) in Utah.

Objective:

Direct environmental improvement due to enforcement action, flexibility, and innovative problem solving.

Measures:

- a. # of SEP's that DEQ uses during FFY07.
- b. Reductions in pollutants from SEP's during FFY07.
- c. Improvements in reporting and tracking procedures.

STATUS: *DEQ's media programs determined that the collection of divisional SEP information was no longer a priority and thus, not tracked during FFY 2007. Since the P2 program was in a supportive role for this activity, we were not able to meet this objective.*

- 5. Administer P2 grant by Preparing Applications and Quarterly Reports, Monitoring, Budget and Providing DEQ Oversight for P2 Initiatives.

Objective:

Improved tracking of P2 dollars and their effectiveness in preventing pollution.

STATUS: *Ongoing. Since Colorado's tracking system is not complete at this time, DEQ is re-evaluating efforts to track and measure its P2 activities.*

Measures:

- a. Completed grant requirements.

STATUS: *Complete*

- b. Completed state budget review and planning.

STATUS: *Complete*

- c. Positive feedback from EPA and state grant/finance offices.

STATUS: *Complete*

PPA STRATEGIC GOAL #3:

Promote a sustainable relationship between economic development and environmental protection by coordinating work with businesses and related organizations.

PPA SMALL BUSINESS ASSISTANCE GOALS:^{SBA}

- 1. Facilitate the development of the DEQ business assistance policy.

Measures:

- a. Promote public participation through the Compliance Assistance Panel, DEQ Boards, and other entities.

STATUS: *Successfully reorganized Compliance Advisory Panel and met four times this year. Gave 4 CAP recognition awards to small businesses. Involved businesses in climate change work..*

- b. Coordinate development of consistent business assistance policies within DEQ and emphasize cross-divisional focus in all outreach activities.
- c. Maintain Business Assistance home page.

STATUS: *Page continued to be regularly checked and updated.*

- d. Coordinate with other business assistance providers and professional associations.^{SBA}

STATUS: *Briefed organizations on Clean Utah and climate related activities.*

2. Serve as Small Business Ombudsman for DEQ.^{SBA}

Measures:

- a. Assist small businesses with DEQ permitting process and other programs as needed.

STATUS: *Attended all DEQ pre-designs and responded to calls.*

- b. Assist DEQ divisions with the development of appropriate outreach materials.

STATUS: *Commented on fact sheets; assisted Air Quality with update of its Dry Cleaner Calendar.*

- c. Participate in outreach opportunities such as conferences, presentations, etc., to provide information to small businesses.

STATUS: *Encouraged small business involvement in climate change activities. Briefed CAP regularly on BRAC and other related activities.*

- d. Participate in pre-design conferences.

STATUS: *Attended all DEQ pre-designs and responded to calls.*

- e. Promote cross-media small business assistance within DEQ.

STATUS: *Work with all the Divisions in a cross-media approach.*

CUSTOMER SERVICE

PPA STRATEGIC GOAL #4:

Provide public information and participation opportunities.

PPA PUBLIC EDUCATION ANNUAL GOALS:

1. Link public education projects across divisions.

Measures:

- a. Correlate 1-800 calls and DEQINFO e-mail inquiries to education initiatives.

STATUS: *Secretaries log and monitor all calls*

- b. Incorporate DEQ initiatives into Take Pride in Utah, NEF Debate Program, and other initiatives.

STATUS: *DEQ continues to be involved in these projects including watershed protection.*

- c. Assess the response of targeted audience.
- d. Coordinate redevelopment of DEQ display and department-wide participation in outreach opportunities.

STATUS: *DEQ continues to set up displays at League of Cities and Towns and Association of Counties conventions, USEE Conferences and Earth Day events and other outreach opportunities as identified.*

- 2. Oversee content and coordinate information dissemination on DEQ home page.

Measures:

- a. Serve as DEQ Webmaster and coordinate internal Web workgroup.

STATUS: *Ongoing. A lot of Web work has been accomplished and continues to be a major focus of OPPA.*

- b. Update DEQ home page as needed, edit content, standardize pages, and assure that copy is written clearly and concisely, using Associated Press style guidelines.

STATUS: *Home page updated regularly. Ongoing effort maintained.*

- c. Coordinate update of DEQ Web standards and revision of the website.

STATUS: *Home page updated regularly. Ongoing effort maintained.*

PPA COMMUNITY INVOLVEMENT ANNUAL GOALS:

- 1. At the request of the Divisions, provide assistance in preparation and implementation of community involvement plans for specific projects and programs.

Measures:

- a. Conduct training, upon request, on community involvement issues.

STATUS: *Conducted leadership training sessions.*

- b. Develop plans in conjunction with project or program manager.

STATUS: *Assisted in outreach plans for Climate Change, Stericycle, and planning issues.*

- c. Ensure community and other stakeholders are appropriately involved in the development and implementation of community involvement plans.

STATUS: *Provide staff support to SWJV and GSL stakeholder workgroups. Assist in implementing suggestions by workgroup.*

- d. Administer survey or other feedback tool at the conclusion of each project to gauge success.

STATUS: *DEQ maintains an e-mail group list for key stakeholders and periodically asks for feedback to help define direction and reassess priorities.*

2. Ensure Environmental Justice (EJ) issues are incorporated into community involvement plans.^{EJ}

Measures:

- a. Ensure all segments of impacted community are considered in plan.

STATUS: *Work to assure that minority community concerns are addressed as part of overall community relations work.*

- b. Assist with EJ questions as needed in coordination with EPA.

STATUS: *Assist as Needed.*

- c. Provide grant information to interested entities.

STATUS: *Provide grant information as requested or as made available.*

PPA MEDIA RELATIONS ANNUAL GOALS:

1. Upon request, assist PIO with DEQ media relations.

Measures:

- a. Ensure DEQ media policy is followed.
- b. Encourage reporters to use DEQ's public information office.
- c. Ensure staff uses DEQ's public information office.
- d. Provide back-up to PIO for vacation, sick and training.

STATUS: *Routine and ongoing.*

PARTNERSHIP WITH FEDERAL, STATE, LOCAL, AND TRIBAL GOVERNMENTS

PPA STRATEGIC GOAL #5:

Improve the effectiveness and efficiency of statewide delivery of environmental services by strengthening relationships with all levels of government.

PPA LHD LIAISON ANNUAL GOAL:

Amend and update Environmental Service Delivery Plan reflecting partnership initiative.

Measures:

- a. Align Environmental Service Delivery Plan with DEQ Goals and Objectives.

STATUS: *Environmental Service Delivery Plan contains LHD annual work plans which are aligned with DEQ goals and objectives. Although contracts are on a three year contracting period, annual and periodic alignments are made as needed through the Partnership Council and through funding communication updates.*

- b. Coordinate signed contracts, MOUs, or updated sections of Environmental Service Delivery Plan.

STATUS: *Coordination continues to take place between the Local Health Officers (UALHOs) and the local Environmental Health Administrators (CLEHA) Associations and DEQ. A combined partnership meeting is held annually with EPA, DEQ, and the LHDs where issues are addressed and action items identified.*

- c. Coordinate PPA development and EOY Report.

STATUS: *An interagency working team led by OPPA, has been and continues to coordinate the development of the PPA and EOY Report.*

EMPLOYEES

PPA STRATEGIC GOAL #6:

Promote environmental excellence through teamwork and mutual support by providing training and recognition.

Measures:

- a. Promote value-added roles for PPA staff in department activities.

STATUS: *OPPA Staff are involved and used in a variety of departmental activities from staffing departmental picnics to holding media events and facilitating meetings.*

- b. Provide training.

STATUS: *Through Leadership Development program, courses continue to be taught on a regular basis in Conflict Management, Adapting to Change, Working with Others, and Supervision.*

- c. Recognize teamwork and individual efforts.

STATUS: *Done in numerous and ongoing ways.*

PPA EMPLOYEE ANNUAL GOALS:

- 1. Create training opportunities and support participation in professional organizations.

Measures:

- a. Provide training.

STATUS: *Ongoing.*

- b. Support participation in professional organizations.

STATUS: *Ongoing on individual basis.*

- 2. Use staff meetings to share project information, encourage synergy, and recognize individual and team efforts.

Measure:

- a. Use formal/informal reward system to recognize and acknowledge individual and group achievements.

STATUS: *Has been and continues to be done.*

POLICYMAKERS' UNDERSTANDING OF ENVIROMENTAL ISSUES

Facilitate policymakers (Governor's office, Legislators, Elected Officials, and Board Members) as proactive participants in shaping environmental policy.

Measures:

- a. Support efforts to apprise Governor's office, Legislators, elected officials, and Board members of important environmental policy issues.

STATUS: *Ongoing. Providing staff support to Governor's Blue Ribbon Advisory Council on Climate Change.*