

Pollution Prevention Integration Quarterly Report

First Quarter (FY 02) - July through September 2001

Introduction

The Pollution Prevention Integration Quarterly Report is completed by the Office of Pollution Prevention (OPP) in order to document pollution prevention regulatory integration activities performed by Ohio EPA's divisions and district offices. Ohio EPA continues to investigate and focus on more pollution prevention regulatory integration for its functions. The Agency's Strategic Management Plan, grant commitments and other documents all contain commitments and provisions for pollution prevention regulatory integration.

Office of Pollution Prevention

(Please refer to the Office of Pollution Prevention's quarterly reports for more detailed information.)

Great Lakes Regional Pollution Prevention Roundtable (GLRPPR) Summer Conference

OPP participated in the Great Lakes Regional Pollution Prevention Roundtable on July 11, 12 and 13. OPP serves as a member of the Roundtable's Steering Committee and also provided a presentation on statewide P2 activities. Other items covered included: industry P2 efforts, local government P2 programs, environmental management systems, green building initiatives, energy efficiency and outreach efforts related to mercury reduction.

Mercury Discussion Group/Ohio Mercury Reduction Workgroup

The Ohio Mercury Reduction Group met in July, August and September at the Lazarus Government Center to review progress made by the mercury in schools and data evaluation subgroups. The overall group also reviewed new mercury issues and enhancements made to the mercury Web page. The meetings also focused on developing a display of mercury reduction information for the Inland Spills Conference in September.

Automotive Service Association Sector Project

OPP worked with the Automotive Service Association (ASA) of Ohio on a pollution prevention-based sector project since March of 1998. OPP assisted ASA in obtaining nearly \$100,000 in funding from OEEF and OAQDA to develop and publish a self-help manual that advises automotive service shops on how to meet environmental regulations and complete pollution prevention. ASA recently completed their final progress report summarizing this effort. More than 680 copies of the manual, titled "Just About... Everything Automotive Repair Facilities Need to Know About Environmental Compliance, But Are Afraid To Ask! - A Self Help Guide To Environmentally Sound Automotive Repair Operations," was distributed to automotive repair facilities across the state. In addition, more than 250 automotive repair facilities attended 14 seminars that provided information on compliance and pollution prevention activities highlighted in the manual. The ASA also initiated a voluntary compliance program, "EnviroStar," where individual service shops are awarded a certificate showing their compliance with environmental regulations.

Pollution Prevention Training

OPP provided a presentation on pollution prevention and metal parts cleaning on September 5 during DHWM's annual meeting. This presentation was part of a pollution prevention track highlighting pollution prevention opportunities for hazardous waste facilities.

P2 Supplemental environmental projects (SEPs)

OPP reviewed and commented on the City of Upper Arlington P2 SEP report submitted for DHWM on July 17.

OPP reviewed and commented on the Hearn Plating P2 SEP proposal submitted for DHWM on July 30.

P2 in permits, rules and compliance assistance

OPP reviewed and provided comments to DHWM regarding GPP Waste Minimization Report Biennial update on September 10.

OPP reviewed and provided comments to DHWM regarding DOE Portsmouth Waste Minimization Report Biennial update on September 25.

Division of Air Pollution Control

P2 Supplemental environmental projects (SEPs)

Hasco Spring Industries, Inc., has agreed to pay a civil penalty for violations of air pollution control regulations at its automotive steel springs painting and greasing facility located in Jefferson (Ashtabula County). The civil penalty is \$43,150, of which \$18,630 will be used to perform two environmentally beneficial projects. The company has since corrected the violations and agreed to replace former grease application equipment with a process that does not use solvents. The conversion to the solvent-free process is estimated to reduce emissions from the facility by approximately 15.6 tons per year.

The first environmentally beneficial project includes paying \$10,000 toward conducting a pollution prevention study at the facility.

Division of Drinking and Ground Waters

Source Water Protection Program (SWAP)

DDAGW met with OPP to discuss incorporating P2 into SWAP on August 30. DDAGW anticipates that OPP staff will accompany them on SWAP site visits to help identify P2 related source water protection strategies.

Division of Hazardous Waste Management

DHWM P2 Training

DHWM, in conjunction with OPP, conducted "Baseline P2 Training" and "Refresher P2 Training" for DHWM staff in July and August. The baseline training covered the basics of pollution prevention and focused on DHWM's Pollution Prevention Strategy. The refresher training focused on providing: a greater understanding of DHWM's strategic direction for P2 integration; knowledge of common P2 opportunities; understanding important communication skills for

promoting P2, the ability to recognize an effective hazardous waste minimization program in place; and the ability to access and use P2 information resources. The training included a review of P2 in enforcement and hazardous waste minimization plans.

DHWM 2001 Annual Training and Communication Conference

DHWM's 2001 Annual Training and Communication Conference was held at Sawmill Creek Resort on September 5 and 6, 2001. Conference topics included discussions of DHWM's Long Term Goals, P2 opportunities for inspectors and recycling of fluorescent lamps.

Division of Solid and Infectious Waste Management

Ohio Materials Exchange (OMEx)

Because of state budget cuts, the Division of Solid & Infectious Waste Management (DSIWM) can no longer fund the OMEx bimonthly publication. OMEx is still operational. Listings for available and wanted materials are updated bimonthly on OPP's web site www.epa.state.oh.us/opp/recyc/omex.html. The OMEx bimonthly publication has received funding from the Office of Pollution Prevention until July 1, 2002. Material exchanges have tended to increase when subscribers receive a bimonthly publication to remind them of the program.

Division of Surface Water

DSW had no activities to report this quarter

Division of Environmental & Financial Assistance

DEFA had no activities to report this quarter.

Ohio Environmental Education Fund

OEEF had no activities to report this quarter.

Operations & Facilities

Recycling office materials

During this reporting period (July, August and September), O&F recycled approximately 42,600 lbs. of paper or an average of 3,550 lbs. per week. They also collected and recycled 155 lbs. of aluminum cans.

Northwest District Office

P2 Assessments

NWDO-DHWM conducted a P2 Assessment with OPP at Pandora Manufacturing on July 26. The final assessment report was completed on September 26.

Northeast District Office

NEDO had no activities to report this quarter.

Central District Office

P2 Training

All CDO-DHWM inspectors and management recently completed either baseline or refresher P2 training. CDO continues to be a P2 catalyst providing P2 information with every inspection.

Southeast District Office

P2 in DHWM Inspections and Technical Assistance Activities

Facility Activity	Comments/Narrative
The Furniture Pod	Suggested using OMEx to find another business interested in their remaining stripper product
J&L Auto Body	Discussed P2 for paint waste reduction
Field's Excavating	Discussed P2 for fluorescent lamps
Eblin Trucking Co.	Discussed P2 for gas filters
Acme of Cambridge	Provided fluorescent light bulb info
Bazelle Oil Supply	Provided fuel/water mixture reclamation info
Kirk Nationalease	P2 Web address, fluorescent light bulb info
Pikes Peak of Ohio Campground	Dust suppressant information
Sandra Dearth	Sent information on P2 relating to small 2-cycle marine engines (U.S. EPA) and information on the advanced notice of proposed rule-making regarding these engines
Food Center Store	Fluorescent lights/ gas filters
Lippert Enterprises	Fluorescent lights, old chemicals
Englefield Oil	Provide list of fluorescent bulb recyclers
Roadway Express	Provide list of fluorescent bulb recyclers
Chevron Phillips	Discussed P2 during CEI- Facility is interested in P2 assessment
Horizon Auto Services	General P2 guidance on waste reduction practices
H&S Hydraulics	General P2 guidance on waste reduction practices
ODOT Noble Co. Garage	Discussed fluorescent lights recycling
Permian Oil & Gas Co.	Discussed fluorescent lights and recycling and used oil management
Howden Buffalo	P2 Assessment Report was mailed on 8/15/01
P2 Refresher Training	All team members participated on 8/16/01
Richard Linkhorn	Sent auto repair & maintenance shop P2 information, lists of recyclers of common auto shop wastes, and used oil inspection checklist

Facility Activity	Comments/Narrative
Doug Unsold Buckeye Hills/Hocking Valley Regional Development	Sent generator handbook, auto repair & maintenance shop P2 information, lists of recyclers of common auto shop wastes, and used oil inspection checklist
Cross & Sons Farm Equipment	P2 information given during inspection and sent with NOV letter to company
Hammond Motor Sports	P2 information given during inspection and sent with NOV letter to company
Bill Knowlton Property owner	P2 information and hazardous waste fact sheets given during site visit/complaint investigation
Luburgh, Inc.	P2 information given during inspection
Howard Body Shop	Discussed looking at a solvent distillation unit for paint waste
Chevron Phillips	Met with OPP and discussed upcoming P2 assessment
Ansel Edmont	Met with OPP and discussed upcoming P2 assessment
LDM Technologies	CEI - LQG Provided information given during CEI and sent with NOC letter. P2 recommendations included use of cloth shop rags that can be laundered/returned rather than disposable ones.

Technical Assistance	Month	QTR	YTD
# of P2 Assessments Requested	0	2	3
# of P2 Assessments Provided	0	1	1

Southwest District Office

P2 Assessments

SWDO-DHWM conducted a P2 Assessment with OPP at Imtek on September 14. Imtek is a specialty ink manufacturer. The assessment will focus on reducing solvent related wastes in Imtek's hazardous waste and wastewater.

SWDO P2 Pilot Project

The DHWM-SWDO P2 Team completed a pilot project on September 26. The team surveyed 25 facilities with a standardized questionnaire several weeks after compliance evaluation inspections had been performed to determine quantitative and qualitative measures. The pilot project was designed to evaluate DHWM's current P2 measures in the context of compliance evaluation inspections.

Southwest Ohio Local Government P2 Collaborative

The Southwest Ohio Local Government P2 Collaborative held its quarterly training session on September 19 at TechSolve (formerly the Institute of Advanced Manufacturing Sciences) in Cincinnati. Training sessions include: "*How Do City Operations Impact The Environment? The*

City of Cincinnati's Environmental Management System Pilot Project,” led by Cincinnati’s Environmental Compliance Manager; and *“Safer Ways to Control Insects in a Public Setting,”* led by the Krohn Conservatory which no longer uses pesticides to control insects in it’s greenhouses.

P2 Integration Presentation

DHWM-SWDO gave two presentations in August for U.S. EPA Region V inspectors (and several RCRA inspectors from Indiana and Illinois) about integrating P2 into routine inspections. More than 80 people attended the two sessions, held on successive days.