

**FY2011 Regional-Office Results of USEPA's Pollution Prevention Program
Achieved through Pollution Prevention (P2) Grants
3/4/2015**

Carbon Dioxide Equivalents Reduced (MTCO₂e)	Hazardous Emissions and Materials Reduced (lbs.)	Water Conserved (gal)	Related Cost Savings (\$)
925,588	7,901,216	999,325,358	\$83,108,584

Region 1

Grant Name	Description	Grant #	Funds/ Initiation Year	End Year	Carbon Dioxide Equivalents Reduced (MTCO₂e)	Hazardous Emissions and Materials Reduced (lbs.)	Water Conserved (gal)	Related Cost Savings (\$)
R1 P2 Grants					4,981	689,306	74,496,862	\$3,710,400
CT DEP - Health Care Industry Compliance and P2	Recycling, LED lighting, and solid waste reduction measures.	NP 96137401	10/1/2010	9/30/2011	2	4,000	0	\$970
CT DEP - Green Hotels Program	Water conservation, efficient lighting, green cleaning, recycling, water conservation, low-VOC paint, composting, and other energy efficiency upgrades.	NP 96137401	10/1/2010	9/30/2011	2,522	805	41,371,907	\$609,070
ME DEP - Business Certificate - Environmental Leader Program	Electricity reduction, solid waste reduction via recycling and composting, water conservation via linen and towel reuse, and reduction in cleaning chemicals.	BG 99182903	10/1/2010	9/30/2011	422	3,260	8,467,574	\$118,821
NH DES - Sustainable Restaurant Certification	CFL / LED bulbs and organic waste recycling	NP 96136401	10/1/2010	9/30/2011	133	0	0	\$0
University of Rhode Island - P2 Technical Assistance Program	Hazardous Inputs; Hazardous Waste; Air Pollution; On-site technical Assistance; Water Pollution Reduced	NP 96137501	7/31/2010	6/30/2011	0	621,311	17,000	\$360,000
VT DEC - General Sector VBEP Program	Water conservation; Energy Efficient Upgrades; Recycled product purchase	BG 98160607	10/1/2010	9/30/2011	533	46	385,422	\$94,184
VT DEC - Governor's Award	Multiple outcomes (see proposal)	BG 98160607	10/1/2010	9/30/2011	521	13,522	704,000	\$1,579,664
VT DEC - Green Hotels	Towel/linen; Low flow showerheads; Energy Efficient Upgrades; Compact Fluorescent bulbs; PC% recycled product purchased; Guest Recycling; Composting	BG 98160607	10/1/2010	9/30/2011	189	2,691	754,804	\$60,558
Boston Green Tourism - Green Hotel Workshops in CT and RI	Solid Waste and Recycling; Water conservation; Efficient Lighting, Vendor Misers; Hazardous materials reduced	X9 96138801	10/1/2010	9/30/2012	587	43,671	22,784,631	\$832,841
ME DEP - Certified restaurants chosen to pilot metrics database	Water conservation; emission reductions; savings in energy costs.	X9 96119201	10/1/2009	9/30/2012	4	0	11,025	\$4,292
ME DEP - 25 cert. restaurants quantifying reduces in metrics database	Water conservation; emission reductions; savings in energy costs.	X9 96119201	10/1/2009	9/30/2012	68	0	500	\$50,000

Region 2								
Grant Name	Description	Grant #	Funds/ Initiation Year	End Year	Carbon Dioxide Equivalents Reduced (MTCO ₂ e)	Hazardous Emissions and Materials Reduced (lbs.)	Water Conserved (gal)	Related Cost Savings (\$)
R2 P2 Grants								
					1,814	0	26,217,681	\$786,407
Buffalo State College "P2 for Hospitality Sector"	Buffalo State College partnered with the Erie County Department of Environment and Planning (ECDEP) to provide outreach through college interns to hospitality businesses in Erie County, New York. The students and ECDEP staff conducted on-site assessments at hospitality facilities to produce impressive results in water conservation, energy conservation, and dollars saved.	NP-97252708	2007	2011	1,629	0	8,217,681	\$732,657
NYSDEC, "College Intern Project"	The New York State Department of Environmental Conservation (NYSDEC) provided P2 assessments to five manufacturing facilities through use of on-site college interns. The facilities hosted host college interns who then made recommendations on how the facilities could conserve water and energy, reduce hazardous material releases, and save operational costs.	NP-97257306	2007	2011	185	0	18,000,000	\$53,750
Region 3								
Grant Name	Description	Grant #	Funds/ Initiation Year	End Year	Carbon Dioxide Equivalents Reduced (MTCO ₂ e)	Hazardous Emissions and Materials Reduced (lbs.)	Water Conserved (gal)	Related Cost Savings (\$)
R3 P2 Grants								
					292,362	1,638,462	244,807,941	\$9,872,754
Wytheville Community College- VA	Direct on-site technical assistance to VA manufacturers to prevent multi-media pollution	NP-973970-01			0	0	0	\$0
MD Department of the Environment	Assist MD businesses, onsite multi-media P2 assessments, P2 internships, green leadership	NP-973727-01			246,060	74,000	11,700,000	\$65,121
WV Department of Environmental Protection	Outreach, education, tools, resources, and technical assistance provided to business, academia, NGOs and public; Electricity conservation efforts.	NP-973852-01	2010	2011	64	0	175,225	\$72,800
VA Department of Environmental Quality	P2 efforts, primarily green leadership and awards program.	BG-98392503			25,238	1,564,462	205,832,716	\$6,034,833
PA Department of Environmental Protection: PennTAP/ETAC Partnership	Direct one-on-one P2, energy efficiency, & environmental compliance outreach to businesses. Focus on source reduction, and Green Supplier Network. Electricity conservation.	NP-973989-01			21,000	0	27,100,000	\$3,700,000

Region 4									
Grant Name	Description	Grant #	Funds/ Initiation Year	End Year	Carbon Dioxide Equivalents Reduced (MTCO ₂ e)	Hazardous Emissions and Materials Reduced (lbs.)	Water Conserved (gal)	Related Cost Savings (\$)	
R4 P2 Grants						335,656	29,282	135,616,973	\$40,060,840
Florida Department of Environmental Protection--Green Schools, Green Lodging and P2 Week Initiatives.	Green Lodging includes work on Housekeeper training. Green Schools--work with Leon County School District on identifying P2 opportunities--energy efficiency, water conservation, chemical use reduction.	NP-96490608-2			3,059	943	9,450,000	\$863,500	
Georgia Sustainability Division	Support the ongoing P2AD Partnership Program and starting of a retired engineers program to expand multi-media technical assistance. Program conducted a water conservation seminar, held the first Sustainable Office Toolkit training, sponsored an EMS training, re-launched AgTrack, continued site verifications and technical assistance visits.	NP-97419911			320,295	2,200	30,676,634	\$29,226,603	
Kentucky Division of Compliance Assistance	Support a joint effort of the Compliance Assistance Division and KY Pollution Prevention Center to support Kentucky's EXCEL program and conduct P2 and Energy Efficiency activities. Conducted 15 P2 and E2 assessments; 10 new EXCEL members; established 10 EMS teams and provided technical assistance information to 50 businesses.	NP-95466410			1,300	2,000	5,242,674	\$4,155,507	
Mississippi Department of Environmental Quality	This project supports Environmental Stewardship Program; Energy Efficient Buildings through EnergyStar; and EMSs for wastewater and water utilities.	NP-97420011			655	563	63,000,000	\$533,568	
North Carolina Division of Environment and Natural Resources	This project is to continue support for the Environmental Stewardship Initiative (ESI) and focus on the following activities: continued support for ESI program management; expansion of ESI outreach to DENR regulatory staff; and, evaluation of expanding ESI to the agriculture sector.	NP-95467010-0			9,317	18,740	20,947,665	\$2,890,217	
South Carolina Department of Health and Environmental Control	This project supports the following activities – wastewater self-assessments; the Environmental Assistance Conference, the Environmental Excellence Program; technical assistance site visits; Storm water Brochure; promoting partnerships and development of the "Handy Guide for Environmental Assistance".	BG-98417511-4			65	895	1,800,000	\$2,050,000	
Tennessee Department of Environmental Control	This project will support the P2 Partnership (TP3); the P2 Roundtable; TP3 Green Schools; greening the government activities; and, participation in the school chemical clean-out programs.	NP-95467911-0			965	3,941	4,500,000	\$341,445	

Region 5									
Grant Name	Description	Grant #	Funds/ Initiation Year	End Year	Carbon Dioxide Equivalents Reduced (MTCO ₂ e)	Hazardous Emissions and Materials Reduced (lbs.)	Water Conserved (gal)	Related Cost Savings (\$)	
R5 P2 Grants						18,555	3,934,960	274,792,129	\$11,468,173
Minnesota Pollution Control Agency, Performance Partnership Grant, Green Chemistry/Design, Healthcare, Storm water integration, compliance/tech assistance	P2 technical assistance implemented at a dental office.	BG98568809-6	2008	2012	0	3	0	\$0	
University of Wisconsin Extension Wisconsin Hospitals for a Healthy Environment	University of Wisconsin Solid and Hazardous Waste Education Center (SHWEC) grant supported formation of the Wisconsin Healthy Hospital Program, with Wisconsin Hospital Association to promote P2 implementation, information sharing and compliance assistance. Interns were placed at a number of hospitals to help derive results. Metrics based on recommendations to LED light fixtures and switching to reusable sharps containers.	NP00E27301	2007	2010	2	4,885	0	\$6,790	
University of Wisconsin - Preventing Pollution in Wisconsin	University of Wisconsin SHWEC grant: Interns were placed at hospitals to perform P2 assessments and there was a continuation of the Wisconsin Healthy Hospitals Program. Results were reported from 5 hospitals, which identified waste reduction, and replaced single use blue wrap with re-useable sterile containers for 70% of their instruments.	NP00E96601	2008	2010	1,369	0	0	\$32,773	
Michigan Department of Natural Resources and Environment Advancing P2 Partnerships	This grant focused on supporting Michigan Department of Environmental Quality staff to establish a voluntary P2 program, Performance results include 3 years of data not previously reported. Data was verified.	NP00E29101-1	2007	2010	10,671	3,910,474	268,516,621	\$10,298,981	
University of Toledo, P2 Grant Project	This grant focused on developing a partner communication network between various technical assistance providers, the state Chamber of Commerce and the grantee. It also supported P2 technical assistance training seminars for industry, and placement of interns at manufacturing facilities. Also, a number of facility assessments were performed, to support implementation of P2 options.	NP00E90201	2009	2011	1,725	0	0	\$344,365	

University of Wisconsin Board of Regents PW Grants Program	This grant focused on P2 in hospitals, facilities, governments and marinas. Interns were placed at hospitals, manufacturing facilities, and governments to support implementation of P2 practices. An intern performed compliance assistance at marinas and developed a best management practices manual. Gallons and costs reduced were from avoidance of wastewater treatment for facilities and business, and 10 marinas piloting BMP Clean Marina Guidebook using UWEX P2 reporting tool.	NP00E90301-0	2009	2011	1,651	0	6,698	\$189,100
Illinois Sustainable Technology Center, Illinois Conservation of Resources and Energy, Technical Assistance, wastewater treatment facilities & businesses	This grant provided technical assistance to businesses, water producers, and wastewater treatment operations on how to conserve water, save energy, reduce materials usage and reduce pollution. P2 assessments were held at a number of facilities to assist their efforts to implement P2 practices.	NP00E90901	2009	2010	3,038	0	6,262,830	\$496,861
Michigan Department of Environmental Quality Sustainable Hospital Initiative	This grant supported sustainable healthcare through collaboration between Michigan Department of Environmental Quality and the Michigan Health and Hospital Association by developing green healthcare committee to recruit hospitals to join a partnership. MDEQ and MHA put on conferences and shared information on pollution prevention opportunities for hospitals as well as compliance assistance information. In addition, P2 assessments were held at specific hospitals, which resulted in the conservation of resources and cost savings.	NP00E29102	2009	2012	99	19,598	5,980	\$99,303

Region 6								
Grant Name	Description	Grant #	Funds/ Initiation Year	End Year	Carbon Dioxide Equivalents Reduced (MTCO ₂ e)	Hazardous Emissions and Materials Reduced (lbs.)	Water Conserved (gal)	Related Cost Savings (\$)
R6 P2 Grants					33,662	961,930	31,295,679	\$7,863,201
Arkansas Department of Environmental Quality	Results generated from site assistance visits, standard format, P2 person visits business observes operations, makes recommendations then follows up after approximately 6 months. Results from also gathered from P2 recognition program.	00F24501-0	FY10	FY12	3	4,130	26,000,000	\$2,276,360
University of Texas at Arlington/Texas Manufacturing Assistance Center	Similar protocol as the above grant, in addition to training a group of municipalities and businesses in developing and implementing EMS. They have been doing this for a number of years under P2 grants and are reporting reductions from these entities as the EMSs are developed and implemented.	00F23201-0	FY11	FY12	0	0	0	\$0
University of Texas at Arlington/Texas Manufacturing Assistance Center	Similar protocol as the above, in addition to training a group of municipalities and businesses in developing and implementing EMS. They have been doing this for a number of years under P2 grants and are reporting reductions from these entities as the EMSs are developed and implemented.	00F06901-0	FY10	FY11	32,549	0	1,382,300	\$4,277,841
New Mexico Environment Department	Standard Site Assistance visit protocol, P2 person visits business observes operations, makes recommendations then follows up after approximately 6 months. In addition, they receive some data from the members of the Green Zia recognition program.	00F01101-0	FY10	FY12	669	557,800	3,913,379	\$934,000
New Mexico State University	Site Assistance visits, protocol just like programs above. In addition, working with 2 groups on developing and implementing EMSs and documenting the reductions as a result of the implementation of modifications in operations as a result of the EMS.	00F01201-0	FY10	FY11	0	0	0	\$0
Oklahoma Department of Environmental Quality	Site Assistance visits as above. In addition working with tourism department to develop and implement green practices in hotels and restaurants in a program in Oklahoma. The businesses implementing these practices are reporting their reductions to ODEQ.	00F22001-0	FY11	FY12	369	0	0	\$0
Oklahoma Department of Agriculture Food and Forestry	Data will be available in the third year of the project. ODAFF will provide a one-on-one site specific technical assistance of poultry farmers in following proper best management practices outlined in their AWMP or CNMP for storage and land application of poultry waste in the nutrient vulnerable watersheds of eastern Oklahoma. The goal of the project will be to show that at least 30% of the farms participating in the program are expected to have the annual Soil Test Phosphorus in the field, where litter is land applied, will be less than or equal to the projected values of STP in the Comprehensive Nutrient Management Plan.	00F23001-0	FY11	FY13	0	0	0	\$0
University of Texas at Arlington /Zero Waste Network	P2 workshop attendees make commitments at end of training based on their businesses then ZWN follows up 6 - 10 months following the workshop and gets results. Our grants funds also fund work on the P2 planner which is used by businesses including the follow up by ZWN to get results.	00F06001-0	FY10	FY11	72	400,000	0	\$375,000

Region 7									
Grant Name	Description	Grant #	Funds/ Initiation Year	End Year	Carbon Dioxide Equivalents Reduced (MTCO ₂ e)	Hazardous Emissions and Materials Reduced (lbs.)	Water Conserved (gal)	Related Cost Savings (\$)	
R7 P2 Grants									
Kansas -State PPI KDHE		NP00. . .			185,066	197,864	172,050,032	\$1,832,281	
P2 interns	Electricity conservation.				908	0	0	\$4,370	
P2 site visits					2,079	0	3,200,780	\$518,864	
Iowa	P2 Interns - For results at the 23 companies the interns worked with, see http://www.iowadnr.gov/Portals/idnr/uploads/waste/Intern%20Case%20Summaries/p2cs2011.pdf				0	0	0	\$0	
Missouri -- University of MO Environmental Assistance Center	Various projects.	NP-97725801			178,435	64,664	21,849,252	\$1,182,668	
Nebraska	Nine projects (agricultural) - results relate to reduced use of natural gas and diesel fuel, and direct cost savings from reduced pumping of water.				3,414	133,200	12,000,000	\$73,379	
Region 8									
Grant Name	Description	Grant #	Funds/ Initiation Year	End Year	Carbon Dioxide Equivalents Reduced (MTCO ₂ e)	Hazardous Emissions and Materials Reduced (lbs.)	Water Conserved (gal)	Related Cost Savings (\$)	
R8 P2 Grants									
CO Dept of Public Health & Env	Greening Government, Environmental Leadership Program and Lean and Clean Assessments	BG998474-10	2010	2011	48,880	212,271	28,800,141	\$2,959,716	
MT State Univ	Provide Technical Assistance and Outreach to Small Businesses	NP978831-01	2010	2011	810	0	0	\$58,493	
UT Dept of Env Quality	Greening Government, Energy and Water, and Promote EMSs	BG998475-10	2010	2011	302	212,271	8,269,907	\$922,223	
Region 9									
Grant Name	Description	Grant #	Funds/ Initiation Year	End Year	Carbon Dioxide Equivalents Reduced (MTCO ₂ e)	Hazardous Emissions and Materials Reduced (lbs.)	Water Conserved (gal)	Related Cost Savings (\$)	
R9 P2 Grants									
UNR - Green Bldg.	Green Bldg.	NP-97995101	2008	2009	51	2,186	0	\$31,690	
Santa Ynez Chumash - Tribal casino	Tribal casino	NP-96926001	2008	2009	0	0	0	\$0	
NV BEP - Reno Business Environmental Program	Technical assistance to businesses	NP-97979401	2008	2009	0	2,186	0	\$31,690	
WRPPN - Network/Conf.		NP-96948201	2008	2009	0	0	0	\$0	
UA Tucson Promotoras		NP-96913801	2008	2010	51	0	0	\$0	
Port of S.D.			2007	2011	0	0	0	\$0	
DTSC Chemical Cleanout	Chemical Cleanout				0	0	0	\$0	
DTSC Spot Remover	Spot Remover				0	0	0	\$0	
Gila River		00T200001	2009	2011	0	0	0	\$0	
Hawaii DBET - Green Hotels, muni bldgs., businesses	Green Hotels, muni bldgs., businesses		2010	2012	0	0	0	\$0	
DTSC/IRTA Vanishing Oils (nothing until 2012)					0	0	0	\$0	

Region 10										
Grant Name	Description	Grant #	Funds/ Initiation Year	End Year	Carbon Dioxide Equivalents Reduced (MTCO ₂ e)	Hazardous Emissions and Materials Reduced (lbs.)	Water Conserved (gal)	Related Cost Savings (\$)		
R10 P2 Grants										
Miscellaneous					4,560	234,956	11,247,920	\$4,523,122		