

US EPA ARCHIVE DOCUMENT



## XL Projects in Brief

<b>Andersen Corporation</b> Bayport, Minnesota	Testing a performance-based approach that uses an innovative per unit of production emission measure that should reduce volatile organic compound emissions.
<b>Anne Arundel County Bioreactor</b> Severn, Maryland	Seeking to increase landfill waste capacity while decreasing the concentration and amount of leachate requiring pretreatment.
<b>Atlantic Steel Redevelopment</b> Atlanta, Georgia	Redeveloping a 138-acre brownfields site that offers the potential to reduce urban air emissions while incorporating "smart growth" design principles into the redesign.
<b>Autoliv ASP, Incorporated</b> Promontory, Utah	Modifying technology and pollution control devices in an on-site Metals Recovery Facility, allowing the company to process reactive hazardous waste pyrotechnic materials rather than shipping them off-site for treatment and disposal.
<b>Buncombe County Landfill</b> Buncombe County, North Carolina	Testing an innovative landfill management technique that involves re-circulating leachate over an alternative liner, that should accelerate waste decomposition and decrease emissions.
<b>Chicago Regional Air Quality and Economic Development Strategy</b> Chicago, Illinois	Creating innovative criteria to promote clean air and economic development in urban areas by identifying "smart growth zones" in which economic development should be targeted.
<b>Clermont County</b> Clermont County, Ohio	Developing a comprehensive management plan for the Little Miami River Watershed to maintain a balance between economic growth and water quality protection.
<b>Chicago Publicly Owned Treatment Works</b> Chicago, Illinois	Using regulatory flexibility to reduce POTW burden and oversight of small categorical industrial users, and redirect resources to Strategic Performance Partnerships with metal finishing facilities that achieve goals outlined in the Common Sense Initiative's Strategic Goals Program.
<b>City of Albuquerque Publicly Owned Treatment Works</b> Albuquerque, New Mexico	Reducing the amount of water pollutant loadings from local business and industry by integrating pollution prevention activities with the city's existing Industrial Pretreatment Program.
<b>City of Columbus</b> Columbus, Ohio	Shifting resources to implement a comprehensive "Lead-Safe Columbus Program" designed to identify and reduce lead hazards in high risk areas of the city.
<b>City of Denton POTW</b> Denton, Texas	Shifting resources from inspecting and monitoring industrial users with good compliance histories to improve watershed protection through a program that includes a remote creek monitoring network integrated with a local flash flood warning system.

<b>City of Fort Worth</b> Forth Worth, Texas	Demolishing a significant number of substandard, abandoned structures by using an alternative, cost-effective demolition method that is as protective of public health as the method in the federal air standard for asbestos.
<b>Crompton (formerly Witco Corporation)</b> Sisterville, West Virginia	Testing pollution prevention, waste minimization and alternative methods for reducing air emissions.
<b>Eastman Kodak Corporation</b> Rochester, New York	Applying the EPA Pollution Prevention Assessment Framework, a set of computer models that derive risk information based upon chemical structure, to help ensure that new chemicals produced are less environmentally hazardous.
<b>Elmendorf Air Force Base</b> Anchorage, Alaska	Testing a new permitting process for air pollutant sources at military installations, which should simplify monitoring, record keeping and reporting associated with simplified Title V requirements, and encourage more pollution prevention projects.
<b>ExxonMobil</b> Fairmont, West Virginia	Testing consolidated and streamlined hazardous waste removal processes that involve enhanced stakeholder participation in planning and determining future site usages.
<b>Georgia Pacific Corporation</b> Big Island, Virginia	Demonstrating a new, energy efficient, low emission recovery technology - a "black liquor gasification," system - under the Clean Air Act to recover pulping chemicals used to make wood pulp.
<b>HADCO Corporation</b> Owego, New York; Derry and Hudson, New Hampshire	Testing whether copper-rich sludge from printed wiring board manufacturing operations can be recycled more easily by removing hazardous waste pretreatment requirements; allowing HADCO to expand its efforts to recover valuable metals and prevent pollution.
<b>IBM East Fishkill Facility</b> Hopewell Junction, New York	Using its electroplating wastewater treatment sludge as an ingredient in the production of cement, to preserve landfill space and save waste shipping costs.
<b>IBM Essex Junction Vermont Facility</b> Burlington, Vermont	Implementing an innovative copper metallization step in the chip manufacturing process that is more energy efficient and less water intensive than the previous generation copper plating process.
<b>Imation Corporation</b> Camarillo, California	Experimenting with pre-approval for new construction and equipment modifications through a Clean Air Act (CAA) Title V permit, producing better compliance with CAA regulations and reducing transaction costs associated with the permitting process.
<b>Intel Corporation</b> Chandler, Arizona	Testing a facility-wide pollution cap that ensures its manufacturing facility will remain a minor source of air pollutants so long as emissions stay below the plant-wide limits.
<b>International Paper —Effluent Improvements</b> Jay, Maine	Testing the use of tailored effluent improvement projects and permit limits in exchange for a waiver from qualitative "best management practices" requirements under the Clean Water Act; improving ambient water quality in the Androscogin River.
<b>International Paper —Predictive Emissions</b> Jay, Maine	Developing and testing a computer-based, alternative emissions monitoring system that can accurately predict pollutant emissions on a continuous basis; helping mill operators identify ways to reduce emission rates and prevent pollution.
<b>Jack M. Berry</b> LaBelle, Florida	Producing a comprehensive operating permit to integrate operation and compliance procedures better at the company's citrus juice-processing facility.



<b>Labs21</b> Washington, D.C.	Enhancing environmental performance of laboratories participating in EPA's new Labs21 program by synchronizing Project XL and Labs21 review and processing procedures.
<b>Lead Safe Boston</b> Boston, Massachusetts	Pursuing regulatory flexibility to allow less expensive handling and disposal of lead-based paint architectural debris from residential units, reducing the risk of childhood lead poisoning nationwide.
<b>Louisville Publicly Owned Treatment Works</b> Louisville, Kentucky	Testing the integration of its local pretreatment program with other wastewater programs (i.e., collection systems and storm water) in an effort to produce a more effective holistic watershed protection strategy.
<b>Lucent Technologies Incorporated</b> Allentown, Pennsylvania	Testing whether a comprehensive environmental management system (EMS) can produce superior environmental performance in a more effective, transparent, and flexible way.
<b>Massachusetts Department of Environmental Protection</b> Boston, Massachusetts	Testing an alternative state permitting system that uses a facility-wide, performance-based, self-certification program for three small business sectors—dry cleaners, photo processors and printers.
<b>Merck &amp; Company Incorporated</b> Elkton, Virginia	Experimenting with an air emissions cap that will reduce sulfur dioxide and nitrogen oxide emissions in the Shenandoah National Park in return for allowing plant process modifications without recurring permit revisions.
<b>Molex Incorporated</b> Lincoln, Nebraska	Experimenting with metals recovery in a new wastewater treatment system that separates metals in electroplating sludges, reducing metal loadings by 50 percent.
<b>Naragansett Bay Commission Publicly Owned Treatment Works</b> Providence, Rhode Island	Providing flexibility to metal finishing companies as an incentive to promote and reward superior performers, and redirecting pretreatment resources towards compliance and technical assistance for problem performers.
<b>NASA White Sands Test Facility</b> Las Cruces, New Mexico	Testing an Internet-based information management and compliance reporting system that will provide EPA, New Mexico Environmental Department, and the public with improved access to higher quality regulatory information, scientific data, and analytical tools.
<b>Naval Station Mayport</b> Jacksonville, Florida	Investigating and demonstrating the beneficial reuse of dredge material in order to reduce or eliminate ocean disposal.
<b>New England Universities Laboratories</b> Boston College, UMass-Boston, University of Vermont	Testing the integration of some of the current environmental hazardous waste regulations with current worker safety regulations to provide an improved approach to hazardous waste management in laboratories, based on pollution prevention and recycling.
<b>New York State Department of Environmental Conservation</b> Albany, New York	Allowing participating electric, telephone, oil, and gas utilities to consolidate the hazardous waste generated at remote locations and temporarily store the waste at utility-owned central collection facilities before it is sent to a commercial treatment, storage and disposal facility.
<b>Ortho-McNeil Pharmaceutical</b> Spring House, Pennsylvania	Proposing to use an on-site high-temperature catalytic oxidation process to treat radiolabeled mixed pharmaceutical waste in an environmentally safer process than current off-site waste disposal practices.

<b>PPG Industries Incorporated</b> Pittsburgh, Pennsylvania	Applying the EPA Pollution Prevention Assessment Framework, a set of computer models that derive risk information based upon chemical structure, to help ensure that new chemicals produced are less hazardous environmentally.
<b>Pennsylvania Department of Environmental Protection</b> Hawk Run, Pennsylvania	Improving overall in-stream water quality through development of a new approach to writing coal remining permits based on compliance with best management practices instead of NPDES numeric effluent limitations.
<b>Progressive Auto Insurance Company</b> Washington, D.C	Proposing a unique "auto-usage" insurance program which will base rates on additional factors such as mileage driven, time of day, and geographic location; testing the effect this has on an individual's total driving mileage.
<b>Puget Sound Naval Shipyard</b> Bremerton, Washington	Developing and demonstrating an alternative strategy for protecting and improving the health of the Sinclair Inlet using ecological science and risk based management.
<b>Steele County</b> Blooming Prairie, Minnesota Owatonna, Minnesota	Testing the effectiveness of a community-based approach to industrial regulated wastewater effluent and water use reduction controls to enhance local environmental water quality.
<b>United Egg Producers</b> Washington, D.C.	Developing a comprehensive environmental program for facilities by implementing an environmental management system (EMS) through a general permit issued by individual states or EPA, rather than on a facility by facility basis.
<b>US Filter Recovery Systems, Incorporated</b> Roseville, Minnesota	Proposing to install an ion exchange resin system in lieu of on-site treatment for hazardous wastewater at electroplating facilities. The system deionizes the water, enabling metals to be recycled and making water available to be reused.
<b>US Postal Service-Denver</b> Denver, Colorado	Reducing the US Postal Service's contribution to mobile source emissions in the Denver area by using new alternative fuel vehicles and supporting the development of an infrastructure to support these vehicles.
<b>Vandenberg Air Force Base</b> Santa Barbara County, California	Reducing its annual emissions of ozone-causing chemicals by 10 tons or more by November 2002 by considering the military base to be one major stationary source for Title V permitting.
<b>Virginia Landfills</b> King George County, Virginia Amelia County, Virginia	Comparing improvement in clean air and groundwater benefits at two separate Waste Management landfill sites in Virginia based on varied operating procedures, e.g. one site will recirculate only leachate while the other site will recirculate leachate plus other liquids.
<b>Weyerhaeuser Company</b> Flint River, Georgia	Testing a facility-wide permit that requires its pulp manufacturing facility to reduce wastewater discharges, air emissions and solid waste generation.
<b>Yolo County Bioreactor</b> Davis, California	Testing the effectiveness of operating its next landfill module as a controlled bioreactor landfill, designed to stabilize and transform the wastes so that it will degrade more rapidly and extend the life of the landfill.