1. Describe the type and size of your military installation.

The 182nd Airlift Wing occupies 338 acres of land South of the Greater Peoria Regional Airport, 4.8 miles Southwest of the City of Peoria and West of Interstate 474. In addition to the flying mission at the 182nd AW, this installation supports four Mission Separated Units (MSUs). The MSUs consist of the 182nd Air Support Operations Center (ASOC), the 169th Air Support Operations Squadron (ASOS), the 264th Combat Communications Squadron (CBCS), and the 566th Air Force Band. Total manpower for this installation includes 1200 traditional guardsmen and 300 full-time employees.

The 182nd AW currently operates eight C-130E aircraft. The mission of the 182nd AW is to provide continuous airlift support as tasked for military airlift deployment and humanitarian relief efforts. The 182nd ASOC, 169th ASOS, and the 264th CBCS provide equipment and training to support a mobile combat communications mission. The major support operations conducted on the Base include aircraft maintenance, vehicle maintenance, and aerospace ground equipment (AGE) maintenance, combat arms firing range, facilities maintenance, fueling operations. These operations involve activities such as corrosion control, nondestructive inspection, fuel cell maintenance, engine maintenance, hydraulics, and wheel and tire maintenance.

2. List the environmental goals for your installation. Describe the progress you made towards achieving them in the previous year. The goals may be facility or process level specific. They should also be indexed to account for changes in production or service levels.

Develop an environmental intranet site
The environmental management website can be accessed through the Local Area Network (LAN) to find information on programs at the installation. Procedures for items recycled through the base are listed as well as pollution prevention success stories. Each shop has a waste inventory that can be accessed through the website.
Implement the Affirmative Procurement Program
Established a base Affirmative Procurement Plan in accordance with EO 13101 for the purchase of items with recycled content. The Environmental office developed and conducted Government Purchase Card (GPC) training for cardholders and billing officials. Training covered cardholders responsibilities to buy recycled content items and proper documentation of purchases.

3. Describe the pollution prevention (P2) projects you implemented in the previous year.

An ultra filtration unit has been installed in an aqueous parts washer in the Aerospace Ground Equipment (AGE) shop. This unit is designed to prolong the life of the water/detergent by separating the oil & contaminants from the water. Before the ultra filtration unit was installed the water was changed at least quarterly and disposed of as hazardous waste.

A laser unit has been purchased to improve paint transfer efficiency. This laser is attached to the paint gun as a guide during training.

Combat Arms Training & Maintenance (CATM) has installed a Fire Arms Training System (FATS) for training personnel. This system is used to weapons qualify Category B & C individuals who are not required to live fire. During the first year of operation nearly 1000 training sessions have been conducted. This has reduced the amount of waste generated through firing range activities. Typically, 80 rounds of ammunition are used per individual qualifying. Category A personnel are still required to live fire, but can use the FATS for enhanced training which includes ‘Use of Force’ and ‘Squad Engagement’ scenarios.

4. Where feasible, quantify any environmental improvements, cost savings or other benefits associated with implementing P2 projects during the previous year.

The ultra filtration unit will save the base an estimated $4,000 annually by reducing the amount of hazardous waste generated, sampling, and disposal costs.

After training with the laser touch device, paint transfer efficiency will increase by as much as 30%.

Use of the FATS system for weapons qualification has reduced the amount of ammunition fired at the range by 80,000 rounds.
5. Describe any effort to involve members of the local community in your environmental programs.

Established an Environmental Stewardship section at the Peoria Air National Guard website which is accessible at: www.ilpeor.ang.af.mil. This website provides details on the current environmental fieldwork being conducted through the Environmental Restoration Program (ERP).

6. Describe any efforts to foster exchange of P2 information and technology transfer.

The Peoria Air National Guard (ANG) participated in a Pollution Prevention Assessment through the IL DOD P2 Partnership. The limited assessment was conducted by two members of the partnership. The new ultra filtration unit and laser touch system were implemented after being recommended by the assessment team.

The Peoria ANG also had an outside contractor conduct a Compliance Assurance and Pollution Prevention Management Action Plan (CAPP MAP). Additional P2 projects have been proposed and will be implemented in the future. Data from this CAPP MAP is published throughout the ANG for use by other ANG installations.