DEPARTMENT OF DEFENSE / ILLINOIS P2 PARTNERSHIP
ANNUAL ACHIEVEMENT REPORT
2002

88th Regional Support Command (88th RSC)
POCs: Mark Schwarze, 88th RSC P2 Program Manager, 1-612-713-3387, mark.schwarze@us.army.mil

Tony Bridges, Southern Illinois State Environmental Manager (SEM), 1-618-254-0175 x14, Tony.bridges@usarc-emh2.army.mil

Eric Johnson, Northern Illinois State Environmental Manager (SEM), 1-708-209-2600 x273, Eric.johnson4@usarc-emh2.army.mil

Commander, 88th RSC
506 Roeder Circle
Fort Snelling, MN 55111-4009
Fax 1-612-713-3516

1. Description of Installation.

The 88th Regional Support Command (88th RSC) is headquartered at Fort Snelling, MN with responsibility for 26,000 citizen-soldiers in 270 units within the six-state area of Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin. The 88th RSC supports over 600 functional activities and nearly 6,800,000 square feet of facility space over our six-state region. The 88th RSC’s mission is to exercise command and control of assigned units, ensure readiness, provide area support services, and support emergency operations.


2. FY2003 Environmental Goals for 88th RSC

FY03 Hazardous Waste (HW) training goal is 800 students RSC wide; goal is 900 students in FY 2004.
FY03 Continue to expand Floor dry recycling to regional project
FY03 Continue to expand Shop Towels / Rags recycling to regional project
FY03 Formalize the absorbent laundering support to Organizational Maintenance shops (OMS) by expanding the WI pilot to cover other states.

Improve quantifying HW transferred to solid waste or recycling by more a more detailed tracking process.

3. Pollution Prevention (P2) Projects implemented in FY2002

Shop Towels/Rags Laundering. Successfully established a shop towel/rag recycling service in the state of Wisconsin. The program has low start-up costs (drums only, vendor fronts the rags), service is on-demand to meet our varying need.
Absorbent recycling. Initiated a project to cover our small maintenance shops. Researched and established a single pilot, we await data to evaluate its benefits.

Recycle, Reuse, and Reduce Projects
- To assist our widely dispersed facilities the 88th RSC has implemented a one for one toner cartridge recycling policy. This will ensure this toxic output in recovered and reused.
- One mission = dual uses. We use our own reservists in “hot missions” to perform missions in peacetime that duplicate wartime missions. These missions include: delivery and distribution of equipment minor construction, and above normal maintenance on our equipment.

Energy Conservation. Completed installation of automated Building Automation System (BAS) at 21 campuses. These systems allow the 88th RSC to more closely monitor energy used and building heating system performance. The system conducts remote viewing and control of facility HVAC controls, allowing a single energy specialist to tweak the efficiency of dozens of regional facilities from Fort Snelling, MN. The 88th RSC is aggressively installing the efficient systems at all major facilities.

Process change benefit P2 Antifreeze. The Army has started testing antifreeze rather than annual changes, this is similar to the Army Oil Analysis Program (AOAP) expect a good reduction in waste and used antifreeze output from FY96 base.

Building Design. The 88th RSC has begun to put low flow toilets and showers in all newly constructed reserve centers. Also included in the design process are automatic flushers, both of these devices are designed to conserve water.

Construction and demolition waste recycling. The 88th RSC has started to implement a program that promotes the recycling of all construction and demolition wastes generated. Hopefully the program will expand to insure that with the proper demolition procedures all materials from a building may be reused or recycled.

Green purchasing. The 88th RSC has begun to purchase 30% post consumer recycled paper for use in all of its reserve centers. Even though it is impossible to guarantee that 100% of the paper used at 88th RSC facilities is 30% post consumer recycled, by purchasing in bulk we can insure that the vast majority of the paper is.

Office supply reuse. The 88th RSC HQ has created an office supply reuse center. When an individual employee no longer needs supplies, they are brought to a centralized area and made available to other employee’s. This is most evident in the environmental division office where an employee usually has three ring binders of multiple colors, sizes and ages.

4. Where feasible quantify any FY2002 environmental improvements, cost savings or other benefits.

HW reduction
- Illinois facilities have diverted more than 50% of our routine output to recycling efforts. 12,381 pounds diverted to recycling and only 5,628 pounds disposed of as HW.
- Continued parts washer waste minimization efforts reduced HW parts washer solvent by 98% from FY95 base.
- The 88th RSC has eliminated a waste stream by completing the indoor firing range closure project. Not only has the lead waste stream been eliminated, it also eliminates the potential of items that were stored in the ranges becoming lead contaminated wastes.

Process change benefit P2 OIL. The combination of the Army Oil Analysis Program (AOAP) & 88th Pollution Prevention (P2) Oil programs has reduced waste oil and used oil output by 90% from FY96 base.
Energy — 88th RSC has installed 21 digital control systems and are gathering data on their success. The BAS system at the 88th RSC Headquarters complex has saved 50% in gas consumption. In these northern states, saving on heating costs is a big success.

Education FY02 Trained 453 students in HW awareness and HW minimization.

5. Describe efforts to involve members of the community.

Co-Chair in Restoration Advisory Board (RAB) meeting for Military sites.

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

- Helped to educate our managers on P2 programs and adapting projects to their needs.
- Support USARC’s environmental project sub-committees to standardize the Army Reserves approach to assessments and regional projects.
- Presentations at the 88th RSC Logistics and Area Maintenance Support Activity (AMSA) Foreman Conference offer up best management practices to the leaders of our largest waste producer.