

**NOMINATION FOR AWARD**

AWARD General Thomas D. White Environmental Quality Award		CATEGORY (If Applicable) Industrial	AWARD PERIOD 1 Oct 00 - 30 Sep 02
RANK/NAME OF NOMINEE (First, Middle Initial, Last)		SSN (Enter Last 4 Only)	MAJCOM, FOA, OR DRU AFMC
DAFSC/DUTY TITLE		NOMINEE'S TELEPHONE (DSN & Commercial)	
UNIT/OFFICE SYMBOL/STREET ADDRESS/BASE/STATE/ZIP CODE Tinker AFB OK, 7314			
RANK/NAME OF UNIT COMMANDER (First, Middle Initial, Last)/COMMANDER'S TELEPHONE (DSN & Commercial)			

*SPECIFIC ACCOMPLISHMENTS (Use single-spaced, bullet format)*

**COMPLYING WITH NEPA AND OTHER ENVIRONMENTAL DIRECTIVES:**

- Accomplished 4500 Environmental Impact Analysis Process requests--average process time 5 days!
- Completed 20 Environmental Assessments/Environmental Baseline Surveys, 99 AF Forms 813, 4356 AF Forms 332, 100 AF Forms 299, 8 DD Forms 1391 and 1 EIS--met all customer dates -- Key support for Pratt-Whitney enabled them to relocate critical engine mission to base!
- Created database for AF Form 813 paperless processing--positive Environmental Compliance Assessment Management Program (ECAMP) finding; cut processing time, made user friendly!
- Spearheaded effort to digitally obtain 3-D high resolution map of Tinker and surrounding area versus gathering data manually--saved over \$200K--located air emission stacks for evaluation of new actions
- Creative--convinced the State Historic Preservation Office to let Tinker demolish an unsafe historical facility in exchange for installing an historic interpretive display documenting Tinker's historical sites!

**IMPLEMENTING REQUIRED ENVIRONMENTAL PROTECTION PLANS:**

- Proactively incorporated Notice of Intent and stormwater pollution prevention planning into base-wide contractor digging permit applications--extending environmental awareness into worksites!
- Aggressively worked with base HazMat users to ensure storage levels were established and maintained below the regulatory trigger levels that require a Clean Air Act Risk Management plan.
- Saved the base over \$200K/year in plan development and implementation costs--Foresight!
- Expertly authored 5-year update of Integrated Natural Resources Management Plan to address stewardship of the base's 3 creeks, 15 ponds, 280 plus plants and 220 species of fish and wildlife

**INTEGRATING ENVIRONMENTAL POLICIES INTO INSTALLATION DECISION MAKING:**

- Implemented comprehensive web-based environmental management system containing all AF and base environmental policies, plans, procedures and checklists--customers and staff now have one-stop shopping for all environmental guidance documents--used extensively
- Created awareness brochures and fact sheets and contacted over 8,000 base employees during Earth Day activities--took environmental awareness into the workplace, set up displays in Bldg. 3001!
- Integrated electronic 3-D visualization of air emission data into base decision making--can now instantaneously predict impact of mission changes and ensure compliance--first of its kind in DoD!

**ELIMINATING ENVIRONMENTAL VIOLATIONS:**

- Implemented aggressive HazWaste management program--emphasizes responsibility at all levels -- 11th straight year with no Notices of Violation for HazWaste (HW)! Glowing comments by State!
- Proactive! Utilized AFCEE expertise for staff assistance visits on solid waste, National Environmental Policy Act (NEPA), internal ECAMP, and natural resources--corrected deficiencies
- Avoided mission impacts by partnering with CE to improve wellhead protection and sanitary and storm sewer infrastructure, reducing environmental vulnerabilities

NOMINATION FOR AWARD (Continued)

RANK/NAME OF NOMINEE (First, Middle Initial, Last)

SPECIFIC ACCOMPLISHMENTS (Use single-spaced, bullet format) (Continued)

- Implemented innovative approaches to facilitate expedited cleanup actions
  - Reflective Seismology located shallow subsurface plumes of dense non-aqueous phase liquids (DNAPLs)--precisely located best extraction points
- MINIMIZING HAZARDOUS WASTE:**
  - Eliminated waste stream by recycling over 90,000 rags during surface prep--\$100K savings/year
  - Initiated state of the art antifreeze recycling system; 10,000 gal. recycled/yr--\$110K annual savings
  - Significantly reduced the #1 HW stream, Industrial Waste Treatment Plant sludge, by over 30 percent (600 tons) through improved sludge management techniques--Effective! Saves \$100K/year
  - Expanded the capability of existing automated high pressure water system to strip aircraft components, significantly reducing chemical strippers & labor hours--estimated \$300K/year saved
  - Robotic manifold cleaning eliminates 100,000 lbs/year of solvent wastes--saves over \$200K/year!
- PREVENTING POLLUTION:**
  - Unparalleled reduction of toxic release inventory emissions--1.3 million pounds, 81%, reduction total as of 2002 and still improving--exceeded Executive Order by over 30%, 3 years early--best in DoD!
  - Orchestrated base-wide household hazardous waste collection/exchange day for housing residents; diverted disposal of over 2 tons of hazardous materials! Partnered with CE for success!
  - Eagle Look report called Tinker the DoD leader for Alternative Fuels program! Largest AF Alternative Fuel Vehicles program, with 200 CNG vehicles--75% of base fleet
  - Partnered with Clean Cities to test and implement twelve neighborhood electric vehicles
    - Eliminated 12 tons of Hazardous Air Pollutants/year--state recognition as leader in alternative fuels!
  - Transitioned all diesel burning vehicles to B/20 biodiesel prior to Farm Bill signing--Visionary!
    - Reduced emissions of hydrocarbons over 20 tons/year
- ENCOURAGING RECYCLING:**
  - Revitalized base-wide solid waste program issuing policy letters for military family housing (MFH) and industrial complex to aggressively promote recycling program--added over 900 recycling containers to base offices and replaced over 500 missing MFH containers to increased recycling
  - Base grass clippings are reused as compost to further breakdown soil contaminated with low-level fuels--saves over \$5K/year and provides 10 tons/year of compost for base uses
  - First in AF to build a recycled super playground with labor donated by the AF Reserves
  - Sponsored numerous America Recycles Day events--handouts distributed by Recycloman, the base mascot, displays in Building 3001, can crushing and poem contest for Tinker Elementary
- ENHANCING THE ENVIRONMENT:**
  - Created extensive Urban Greenway with wildlife viewing areas, interpretive stations, jogging trails and pavilions with recycled furniture--excellent for base quality of life!
  - Tree City USA Award 9 years running--planted over 2,000 trees on base
    - Held Arbor Day celebration--assisted Boy Scout troops in earning merit badges; troops helped with tree planting, installing trails and other conservation projects--Enhancing the environment!
  - Tinker AFB employs two laborers to maintain greenway, tree farm, and to vegetate with native plants
  - Conducted survey of rare plant, Penstemon, found only in Oklahoma--documented species is on base
- ESTABLISHING GOOD RELATIONSHIPS WITH OTHER AGENCIES AND COMMUNITY:**
  - Tinker's annual fishing clinic brought 35 special needs children, 2nd grade through high school, to visit and enjoy our well stocked ponds--great success and fun!
  - Hosted ODEQ's Eco-Motion bus for Earth Month--a traveling environmental training center
    - 100 disadvantaged school children increased their environmental awareness--Investing in the