



US Army Garrison Fort Lee

Current Goals

- Reduce Class II refrigerant usage 2% annually (FY10 Baseline), eliminating all Class II purchases by 2025
- Reduce pesticide usage from the previous year
- Reduce landfilled solid waste by increasing the percentage diverted via reuse and recycling from the previous year

Tactical Battery Revitalization Stations

- **Description:**
 - Several turn-key battery revitalization stations were installed at motorpools and maintenance shops. A new SOP requires all tactical vehicle batteries that are removed from vehicles be fully drained and recharged by the station rather than going straight to the universal waste stream.
- **Results:**
 - 4,048 lbs of solid waste recycled
 - \$72,373 cost savings
- **Future Plans:**
 - Install additional revitalization stations

Fort Lee Golf Course Greens Conversion

- **Description:**
 - 18 greens areas were converted from bentgrass to bermudagrass, significantly decreasing the amount of pesticides (as well as water and fertilizer) needed to maintain the condition of the turf.
- **Results:**
 - \$48,000 cost savings in product, labor, and equipment costs from the 12% reduction in pesticide
- **Future Plans:**
 - Funding allocated from Fort Lee's recycling revenue to convert the final nine greens to the more efficient bermudagrass in summer 2018

Replace and Retrofit Class II refrigerant HVAC units

- **Description:**
 - Seven HVAC systems were retrofitted with non-Class refrigerant and nine systems were completely replaced with modern alternative refrigerant systems.
- **Results:**
 - \$17,892 saved from the purchase of 852 lbs alternative refrigerant (R-134) vs. Class II refrigerant (R-22)
- **Future Plans:**
 - Continue retrofitting and replacing HVAC systems that still utilize Class II refrigerant