



WSTF is committed to multi-media environmental compliance in all facility-wide activities. In addition, NASA continues to actively encourage waste minimization projects, innovative technologies, recycling activities, affirmative procurement, and other “green” initiatives. To accomplish these goals, NASA established an Environmental Management System to ensure that environmental compliance is maintained, new programs and test protocols adhere to State and Federal regulatory requirements, and continuous environmental improvement is part of the way WSTF does business.

WSTF’s Environmental Management System was certified to the ISO 14001 Environmental Management Standard in April 2000. WSTF was the first NASA installation to achieve this certification. The ISO 14001 standard provides a systems approach to achieving environmental excellence through five major areas: Commitment and Policy, Planning, Implementation, Measurement and Evaluation, and Management Review. WSTF is audited at six-month intervals by a third-party registrar to ensure that the Environmental Management System is maintained in accordance with the Standard.

Integral to the Environmental Management System and ISO 14001 certification are the annual identification of significant environmental aspects of WSTF’s operations. The current significant aspects form the basis of WSTF’s Environmental Management Programs and are designed to minimize or eliminate negative environmental impact.

1. Aspect – Groundwater Remediation
Impact – Depletion of Drinking Water Resource
Objective – Interception of Contaminated Groundwater in Mid-Plume
Target – Construct and Operate Mid-Plume Treatment Facility
2. Aspect – Sustainable Acquisition
Impact – Depletion of Natural Resources
Objective – Procedure and Training Development
Target – WSTF Standard Instruction (WSI) and Training
3. Aspect – Energy Efficiency and Water Conservation
Impact – Electricity and Water Consumption
Objective – Reduce Energy and Water Consumption at WSTF
Target – Reduce Energy 3% per Year & Water 2% per Year; Use 5% Renewable Energy
4. Aspect – Hazardous Materials Management
Impact – Potential Release to Environment
Objective – Implement Material Safety Data Sheets (MSDS) and Chemical Inventory System
Target – Implement MSDS Online; Validate WSTF Chemical Inventory Process
5. Aspect – Pollution Prevention/Waste Elimination
Impact – Depletion of Natural Resources
Objective – Increase Employee Awareness and Participation in Pollution Prevention (P2), Recycling, and Waste Minimization
Target – Monthly Focus Topics; Continuously Improve Recycling Program

