# Kennedy NASA Policy Directive

**Effective Date:** **June 26, 2019**

**Expiration Date:** **June 26, 2024**

**Responsible Office:** **Spaceport Integration and Services**

# KSC ENVIRONMENTAL MANAGEMENT

**National Aeronautics and Space Administration**

**John F. Kennedy Space Center**



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## Change Log

| Date | Revision | Description |
|---|---|---|
| 6/6/14 | C | Updated Applicable Documents and added Delegation of Authority and Measurement/Verification |
| 7/28/16 | C-1 | - Changed Center Operations to Spaceport Integration and Services<br>- Added relevant Delegation of Authority in Section 6, KSC-DES-0110, Sustainable Environment Management System Representative |
| 7/3/18 | C-2 | -Updated hyperlinks in Section 4 and 6 |
| 6/14/19 | C-3 | KNPD expiration date extended to allow for final review by Office of the Chief Counsel and signatures of executive management. |
| 6/26/19 | D | The KNPD was updated to (1) revise Change Log dated 7/3/18, (2) revise paragraph a. under 2. Applicability, (3) edit for proper grammar, and (4) bring the directive into compliance with NPR 1400.1, NASA Directives and Charters Procedural Requirements |



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## 1. POLICY

Kennedy Space Center (KSC) is unique in that the Merritt Island National Wildlife Refuge is located within KSC. The executive managers and all employees at KSC are committed to the protection, preservation, enhancement, and restoration of the quality of the environment while achieving our mission activities.

a. Ensure Compliance–Ensure compliance through a proactive, systematic approach that integrates environmental management system elements into KSC operations and practices to comply with all environmental laws, regulations, policies, and Executive Orders as well as National Aeronautics and Space Administration (NASA) environmental directives, procedures, and requirements.

b. Conserve Resources–Conduct KSC operations in a manner that protects and enhances KSC's unique environmental resources through the efficient use of natural resources and energy.

c. Prevent Pollution–Reduce the use and emission of toxic materials, minimize waste generation, and improve KSC recycling efforts through recovery, reuse, and purchase of environmentally preferable products.

d. Restore Environmentally Contaminated Areas–Clean up, enhance, and restore the environmental quality of KSC areas adversely impacted by KSC operations.

e. Continually Improve Environmental Performance–Continually review and improve the KSC Sustainable Environment Management System and environmental performance by such means as developing and sharing innovative technologies and by enhancing environmental science through partnerships with Government agencies, academia, and other organizations.

## 2. APPLICABILITY

a. This policy applies to all NASA organizational elements located at KSC and NASA KSC facilities and operations at other locations. This includes NASA KSC contractors, grant recipients, or parties to agreements only to the extent specified or referenced in the appropriate contracts, grants, or agreements. This policy applies to all KSC environmental programs, excluding radioactive materials.

b. In this directive, all mandatory actions (i.e., requirements) are denoted by statements containing the term "shall." The terms "may" or "can" denote discretionary privilege or permission, "should" denotes a good practice and is recommended, but not required, "will" denotes expected outcome, and "are/is" denotes descriptive material.

c. In this directive, all document citations are assumed to be the latest version unless otherwise noted.

## 3. AUTHORITY

a. NASA Policy Directive (NPD) 8500.1, NASA Environmental Management

b. NASA Procedural Requirements (NPR) 8553.1, NASA Environmental Management System



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c. NPR 8570.1, NASA Energy Management Program

## 4. APPLICABLE DOCUMENTS AND FORMS

See 6. Delegation of Authority.

## 5. RESPONSIBILITY

a. The Director, Spaceport Integration and Services, is responsible for the implementation of environmental programs and activities on KSC.

b. The Chief, Environmental Assurance Branch, is responsible for managing the KSC environmental permitting, compliance, and remediation programs. For these areas, responsibilities include coordination and integration of all environmental programs, all formal contact with environmental regulatory agencies, remediation of contaminated sites, cease and desist authority for all polluting activities, and compliance monitoring and surveillance.

c. The Chief, Environmental Management Branch, is responsible for managing the KSC Sustainable Environment Management System Representative (SEMSR) and the recycling, sustainable acquisition, hazardous materials, pollution prevention, energy management, water conservation, natural/cultural resources, and National Environmental Policy Act programs. These responsibilities include coordination and integration of all programs in these areas and all formal contact with environmental regulatory agencies.

d. Heads of primary organizations, all tenant organizations assigned to KSC, and all program and project offices are responsible for the environmental performance of their respective organization.

e. It is the responsibility of every KSC employee to ensure work activities are conducted in a manner that supports environmental leadership.

## 6. DELEGATION OF AUTHORITY

a. KSC-DES-0050, NASA KSC Environmental Manager

b. KSC-DES-0051, Energy and Water Manager

c. KSC-DES-0110, Sustainable Environment Management System Representative

## 7. MEASUREMENT/VERIFICATION

Compliance with this document will be verified through external and internal surveillance, audit, and assessment activities performed by the NASA Headquarters Environmental Management Division and the NASA KSC Spaceport Integration and Services directorate.



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## 8. CANCELLATION

This revision cancels KNPD 8500.1, Rev. C-3, KSC Environmental Management.

[redacted]

Director, Kennedy Space Center

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