

MPD 8500.1

BASELINE

EFFECTIVE DATE: March 14, 2002

EXPIRATION DATE: March 14, 2007

MARSHALL POLICY DIRECTIVE

AD01

MSFC ENVIRONMENTAL MANAGEMENT POLICY

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DOCUMENT HISTORY LOG

Status (Baseline/ Revision/ Canceled)	Document Revision	Effective Date	Description
Baseline		3/14/02	Replaces MPD 8870.1, "MSFC Environmental Management Policy." NASA Headquarters changed the numbering series.

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1. PURPOSE

This Directive establishes an environmental management policy and program for the Marshall Space Flight Center (MSFC).

2. APPLICABILITY

This Directive applies to all MSFC organizational elements located at MSFC and component installations.

3. AUTHORITY

NPD 8500.1, "NASA Environmental Management"

4. APPLICABLE DOCUMENTS

MPG 8500.1, "MSFC Environmental Management Program"

5. REFERENCES

None

6. DEFINITIONS

a. Compliance. Complying with Federal, State, and local environmental regulations; the overall objective is to comply on a continuing, long-term basis.

b. Conservation. Conserving resources such as energy and fuel.

c. Environmental Managers Board (EMB). An environmental team comprised of environmental managers from each NASA Center, chaired by the NASA Headquarters Environmental Manager (Code JE).

d. Environmental Stewardship. Protecting the environment by using less hazardous products and services, minimizing spills, properly managing hazardous materials and wastes, remediation of contaminated sites, etc.

e. Life-cycle Costing. A comprehensive analysis of the long-term, internal costs and savings of environmental projects. For pollution prevention projects, these costs include labor, materials, equipment, etc.

f. Non-compliance Activities. Any activity that would result in MSFC's failure to comply with Federal and State environmental regulations.

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g. Pollution prevention. Any practice which reduces the amount of any hazardous substance, pollutant, or contaminant entering any waste stream, or otherwise released into the environment, prior to recycling, treatment, or disposal.

h. Prevention. Preventing pollution before it happens; same as pollution prevention.

i. Restoration. Restoring or remediating sites (soil, surface water, groundwater) that have been contaminated by the release of hazardous substances to the environment.

j. Risk management. Using the estimates calculated by a risk assessment as a basis for making decisions. Entails consideration of political, social, economic, and engineering information with risk-related information to develop, analyze, and compare regulatory options and to select the appropriate regulatory response to a potential chronic health hazard.

k. Sustainable development. Development that meets the needs of the present without compromising the ability of future generations to meet their own needs. It is an economic development strategy that benefits the local environment and quality of life.

7. POLICY

a. All MSFC personnel must be committed to protect, preserve, and enhance the quality of the MSFC environment while conducting their primary mission activities. The MSFC environment includes the soil, water, air, and natural habitat within and around MSFC boundaries. The MSFC Environmental Management Program is built around three of the four focus areas outlined in NPD 8500.1: prevention, compliance, and restoration. The fourth focus area outlined is energy and water conservation, which is covered by the Facilities Engineering Department.

b. MSFC will conduct business in an environmentally responsible manner; optimize the use of resources through the use of state-of-the-art, efficient technologies and procedures; prevent adverse impacts; and comply with applicable requirements. MSFC will actively support efforts to implement environmental policy, programs, initiatives, and activities. MSFC will integrate environmental stewardship and accountability in the performance of its operations and activities. MSFC will promote continuous improvement of environmental performance.

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c. Center objectives are to prevent adverse environmental effects and to realize the benefits of superior environmental performance. To attain these objectives, MSFC will use life-cycle costing, advanced predictive and analytical methods, risk management, pollution prevention, and sustainable development techniques to improve environmental performance and reduce operating costs.

8. RESPONSIBILITIES

It is the responsibility of every MSFC employee to comply with NPD 8500.1 and Federal, State, and local environmental regulations.

a. MSFC Director

The MSFC Director is responsible for all environmental compliance activities of the Center, including its component installations.

b. Center Operations Directorate

The Center Operations Directorate, under the delegated authority of the Center Director, is responsible for the MSFC Environmental Management Program.

c. Environmental Engineering Department (EED)

As the Center's focal point for environmental activities, EED has overall environmental responsibilities. Under the delegated authority of the Director, Center Operations Directorate, EED continually surveys, reviews, and evaluates environmental activities at all levels throughout the Center. Under this authority, EED has authority for approval or cessation of all phases of acquisition and operation of hazardous facilities, systems, or equipment for non-compliance activities. EED management serves on the NASA EMB as a voting member and participates in EMB working group activities as coordinated and approved by MSFC and Headquarters senior management.

d. All Center Organizations

Directors/Managers of basic organizations shall ensure that internal organizational plans and procedures are maintained to implement and comply with the Federal, State, and local environmental laws and regulations (refer to MPG 8500.1, "MSFC Environmental Management Program"). Directors/Managers shall also provide data as requested by EED for use in reporting against environmental metrics.

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9. RECORDS

None

10. MEASUREMENT

EED develops and reports environmental management metrics. Metrics will be updated annually as part of MSFC's Center Operations Directorate Implementation Plan.

11. CANCELLATION

MPD 8870.1 dated February 3, 2000

Original Signed by
Axel Roth for

A. G. Stephenson
Director