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# NASA Procedural Requirements

**COMPLIANCE IS MANDATORY****NPR 8590.1A**  
Effective Date: July 18, 2011  
Expiration Date: April 05,  
2021[Printable Format \(PDF\)](#)

Request Notification of Change (NASA Only)

## **Subject: Environmental Compliance and Restoration Program (Revalidated on April 5, 2016 with Change 1)**

**Responsible Office: Environmental Management Division**[| TOC](#) | [ChangeHistory](#) | [Preface](#) | [Chapter1](#) | [Chapter2](#) | [Chapter3](#) | [Chapter4](#) | [Chapter5](#) | [AppendixA](#) | [AppendixB](#) | [ALL](#) |

## **Preface**

### **P.1 Purpose**

1.1 This NASA Procedural Requirements (NPR) describes the responsibilities and requirements by which NASA will formulate and execute the Environmental Compliance and Restoration (ECR) Program and projects and NASA-managed remediation projects conducted at NASA-administered property.

1.2 By policy, NASA is committed to planning, developing, and implementing programs and projects to minimize the release of hazardous substances into the environment, to restore impacted natural resources, and to maintain environmental compliance in concert with the Agency's mission by:

- a. Working with stakeholders, such as environmental groups, tribes, State and local government agencies, and industry to identify common goals concerning cleanup of hazardous substances and restoration of natural resources.
- b. Reducing the Agency's unfunded environmental liability.
- c. Advancing efforts to reduce environmentally driven risks to NASA's mission.
- d. Ensuring a proactive approach to environmental management and compliance through the tracking and early identification of regulatory changes, emerging technologies, and initiatives.
- e. Maintaining effective communication with policy and regulatory authorities.
- f. Advancing partnerships and environmental stewardship.
- g. Ensuring environmental statutory and regulatory compliance.

1.3 In this NPR, "shall" denotes a mandatory action, "may" or "can" denotes 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.

1.4 ECR guidance, including analyses, processes, methods, templates, and practices will describe how the "shall" and "will" statements may be met.

### **P.2 Applicability**

2.1 This NPR applies to NASA Headquarters and NASA Centers, including Component Facilities. This NPR applies to contractors including the Jet Propulsion Laboratory (JPL), a Federally Funded Research and Development Center (FFRDC), grant recipients, and parties to other agreements to the extent specified in their contract, grant, or agreement.

### **P.3 Authority**

- a. The Budget and Accounting Procedures Act of 1950, Title 31 U.S.C. § 3513(a).
- b. The National Aeronautics and Space Act, as amended, Title 51 U.S.C. § 20113(a).
- c. Policy on Environmental Quality and Control, 14 C.F.R. 1216.1.
- d. NASA Policy Directive (NPD) 1000.0, NASA Governance and Strategic Management Handbook.
- e. NPD 1000.3, The NASA Organization.
- f. NPD 1001.0, 2011 NASA Strategic Plan.
- g. NPD 8500.1, NASA Environmental Management.

### **P.4 Applicable Documents and Forms**

- a. Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA), as amended, Title 42 U.S.C. §§ 9601 - 9675.
- b. Solid Waste Disposal, as amended, Title 42 §§ 6901 - 6992k, commonly referred to as the Resource Conservation and Recovery Act (RCRA).
- c. Toxic Substance Control Act (TSCA), as amended, Title 15 U.S.C. § 2601 et seq.
- d. State or local cleanup laws to the extent Congress has made such laws applicable to Federal facilities through a waiver of sovereign immunity in a Federal statute (e.g., CERCLA Section 120(a)(4), (Title 42 U.S.C. 9620(a)(4)), or Safe Drinking Water Act, Section 6001 (Title 42 U.S.C. 6961).
- e. NPR 1441.1, NASA Records Retention Schedules.
- f. NPR 4300.1, NASA Personal Property Disposal Procedure Requirements.
- g. NPR 7120.6, Lessons Learned Process.
- h. NPR 7120.7, NASA Information Technology and Institutional Infrastructure Program and Project Management Requirements.
- i. NPR 8000.4, Agency Risk Management Procedural Requirements.
- j. NPR 8621.1, NASA Procedural Requirements for Mishap and Close Call Reporting, Investigating, and Recordkeeping w/Change 5 (03/15/2010).
- k. NPR 8715.1, NASA Occupational Safety and Health Programs w/Change 3 (02/13/06).
- l. NPR 8715.3, NASA General Safety Program Requirements.
- m. NPR 8800.15, Real Estate Management Program.
- n. NPR 8820.2, Facility Project Requirements.
- o. NPR 9260.1, Revenue, Unfunded Liabilities, and other Liabilities.

### **P.5 Measurement/Verification**

Compliance with this NPR is verified by submission of required documents to NASA officials at approval points identified in this document.

### **P.6 Cancellation**

NPR 8590.1, NASA Environmental Compliance and Restoration (ECR) Program, dated June 14, 2007.

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