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SECRETARY OF THE AIR FORCE**

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CIVIL ENGINEERING

**ENVIRONMENTAL MANAGEMENT
OUTSIDE THE UNITED STATES**



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This instruction implements Air Force Policy Directive (AFPD) 32-70, *Environmental Considerations in Air Force Programs and Activities*. Unless otherwise noted, this instruction applies to all military, civilians and contractors at all levels tasked with environmental management, including all Regular Air Force, Air Force Reserve and Air National Guard, at Air Force-controlled enduring locations outside the United States. Unless otherwise specified, it also applies to operational ranges, contractor-run, and geographically separated unit facilities and activities as well as tenant organizations at Air Force-controlled enduring locations outside the United States. This instruction does not apply to contingency locations.

Any organization may supplement this instruction but must coordinate all supplements with Headquarters, United States Air Force, Directorate of Civil Engineers (AF/A4C) prior to certification and approval. See also [paragraph 3.2.7](#) for specific consultation requirements before issuing supplementary environmental compliance criteria. Send comments and suggested improvements on Air Force Form 847, *Recommendation for Change of Publication*, through channels to Headquarters, United States Air Force, Office of the Deputy Chief of Staff/ Logistics, Engineering and Force Protection, Directorate of Civil Engineers, Asset Management Division, Environmental Branch (AF/A4CAE) for recommended changes to Chapters 1-4, and to Headquarters, United States Air Force, Office of the Deputy Chief of Staff/ Logistics, Engineering and Force Protection, Directorate of Civil Engineers, Strategy and Plans Division, Installation Planning (AF/A4CPI) for recommended changes to Chapter 5. Major Commands, Field Operating Agencies and Direct Reporting Units send one copy of each supplement to AF/A4CAE; other

commands (e.g., installation, United States Air Forces Central Command) send one copy of each supplement to the Air Force Civil Engineer Center/Environmental Management Directorate (AFCEC/CZ).

The authorities to waive wing/unit level requirements in this publication are identified with a Tier (“T-0, T-1, T-2, T-3”) number following the compliance statement. See AFI 33-360, *Publications and Forms Management*, for a description of the authorities associated with the Tier numbers. Submit requests for waivers through the chain of command to the appropriate Tier waiver approval authority, or alternately, to the requestors commander for non-tiered compliance items. Ensure that all records created as a result of processes prescribed in this publication are maintained in accordance with Air Force Manual (AFMAN) 33-363, *Management of Records*, and disposed of in accordance with Air Force Records Disposition Schedule located in the Air Force Records Information Management System. The use of the name or mark of any specific manufacturer, commercial product, commodity, or service in this publication does not imply endorsement by the Air Force.

SUMMARY OF CHANGES

This document is substantially revised and must be completely reviewed. This rewrite updates office symbols; removes duplicative material; streamlines compliance, remediation, and EIAP procedures and approval processes; and clarifies tier waiver application/designation consistent with AFI 33-360. It adds responsibilities for the Air Force Installation and Mission Support Center and Detachments not in the original AFI and clarifies roles and responsibilities for the Air Force Civil Engineer, Air Force Civil Engineer Center, Environmental Management Directorate, Air Force Civil Engineer Center, Facility Engineering Directorate, In-Theater Air Force Headquarters, and In-Theater Air Force installation or facility.

Chapter 1—PROGRAM OVERVIEW	5
1.1. Purpose.	5
1.2. Scope.	5
1.3. Compliance.	5
1.4. Legal and Other Requirements	5
1.5. Programming for Overseas Environmental Requirements.	6
1.6. Training.	6
1.7. Higher Headquarters Notification.	6
Chapter 2—ROLES AND RESPONSIBILITIES	8
2.1. Assistant Secretary of the Air Force for Installations, Environment and Energy (SAF/IE).	8

2.2.	Deputy Assistant Secretary of the Air Force for Environment, Safety and Infrastructure (SAF/IEE).	8
2.3.	Deputy Assistant Secretary of the Air Force for Installations (SAF/IEI).	8
2.4.	Secretary of the Air Force, Office of the General Counsel (SAF/GC).	9
2.5.	Headquarters, United States Air Force, Deputy Chief of Staff for Logistics, Engineering and Force Protection, Directorate of Civil Engineers (AF/A4C).	9
2.6.	Headquarters, United States Air Force, Office of the Judge Advocate General (AF/JA).	10
2.7.	Headquarters, United States Air Force, Office of the Surgeon General (AF/SG). .	10
2.8.	Headquarters, United States Air Force, Operational Training Infrastructure Division (AF/A3TI).	11
2.9.	Headquarters, United States Air Force, Deputy Chief of Staff, Strategy, Integration and Requirements, Directorate of Strategy, Concepts, and Assessment (AF/A5S.....	11
2.10.	Headquarters Air Force Installation and Mission Support Center (AFIMSC).	11
2.11.	AFIMSC Detachments, Europe or Pacific Divisions, Environmental Branches. ...	11
2.12.	Air Force Civil Engineer Center, Environmental Management Directorate (AFCEC/CZ).	12
2.13.	In-Theater Air Force Headquarters (i.e., Numbered Air Force Commands, Major Commands and Other Commands Above Installation Level).	14
2.14.	In-Theater Installation or Facility.	15
Chapter 3—ENVIRONMENTAL COMPLIANCE REQUIREMENTS		17
3.1.	Scope.	17
3.2.	Compliance.	17
Table 3.1.	In-Theater Air Force Headquarters.....	18
3.3.	Additional Guidance and Media or Program Area Requirements.	20
Chapter 4—ENVIRONMENTAL REMEDIATION REQUIREMENTS		21
4.1.	Scope.	21
4.2.	Compliance.	21
4.3.	Authorities.	22
4.4.	Environmental Liability.....	23

4.5.	Investigation and Remediation Requirements.	23
4.6.	Site Audit File Documentation.	25
4.7.	Consultations with Host Nation Authorities.	26
4.8.	Planning, Programming, Budgeting and Execution of Funds.	26
Chapter 5—ENVIRONMENTAL IMPACT ANALYSIS PROCESS (EIAP)		27
5.1.	Scope.	27
5.2.	Overseas EIAP Compliance.	27
5.3.	Environmental Effects Documents for Overseas EIAP.	27
5.4.	Coordination, Release and Maintenance of Overseas Environmental Effects Documents.	28
5.5.	Exemptions and Exclusions.	28
5.6.	Interaction with Host Nation Government Authorities and the United States Department of State.	29
5.7.	Classified Action Proposals.	30
Attachment 1—GLOSSARY OF REFERENCES, TERMS, AND SUPPORTING INFORMATION		31

Chapter 1

PROGRAM OVERVIEW

1.1. Purpose. This instruction provides guidance and requirements to ensure Air Force environmental programs at enduring locations outside the United States, its territories and possessions achieve and maintain environmental quality as prescribed in AFPD 32-70. The goal of this instruction is to establish an effective environmental management system framework, as specified in AFI 32-7001, *Environmental Management*, to meet Air Force environmental obligations outside the United States (as defined in Department of Defense (DoD) Instruction 4715.05, *Environmental Compliance at Installations Outside the United States*, and also referred to as “overseas”) while meeting the mission in air, space, and cyberspace.

1.2. Scope. This instruction identifies environmental compliance, remediation and environmental impact analysis process (EIAP) requirements unique to overseas installations and activities, and references, where appropriate, other DoD and Air Force issuances that apply worldwide.

1.3. Compliance.

1.3.1. Air Force activities and personnel will comply with and implement the environmental provisions of all applicable international agreements as defined by DoD Directive (DoDD) 5530.3, *International Agreements*, and AFI 51-403, *International Agreements*, (e.g., Status of Forces Agreement (SOFA), Defense Economic Cooperation Agreement).

1.3.2. Air Force activities and personnel will comply with environmental requirements in Title 32 Code of Federal Regulations (CFR) Part 187, *Environmental Effects Abroad of Major Department of Defense Actions*, current edition, DoD Instruction (DoDI) 4715.05, DoDI 4715.08, *Remediation of Environmental Contamination Outside the United States*, DoDI 4165.69, *Realignment of DoD Sites Overseas*, AFI 32-7001, and other applicable DoD and Air Force environmental policies and guidance. **(T-0)**. References: 32 CFR Part 187, DoDD 4715.1E, *Environment, Safety, and Occupational Health (ESOH)*.

1.3.3. For activities and operations at DoD-controlled enduring locations outside the United States, Air Force personnel and activities will comply with environmental standards and provisions in country-specific Final Governing Standards or in DoD 4715.05-G, *Overseas Environmental Baseline Guidance Document*, if no Final Governing Standards exist. **(T-0)**. References: AFPD 32-70.

1.3.4. Air Force personnel and operations also will comply with environmental policies and guidance issued by the Geographic Combatant Commands and DoD-designated Lead Environmental Components which implement or supplement DoD overseas environmental policy. **(T-0)**. References: DoDI 4715.05, DoDI 4715.08.

1.3.5. Offices of Primary Responsibility for Air Force issuances that affect Environmental Quality programs worldwide should formally coordinate with AF/A4C and should consult with the Air Force Civil Engineer Center (AFCEC) Overseas Subject Matter Expert during the drafting process and before formal coordination.

1.4. Legal and Other Requirements . Outside the United States, Air Force operations and personnel are only subject to United States federal environmental laws, regulations, and policies if explicitly required by an Act of Congress, an Executive Order (EO), a decision of an appropriate

United States federal court, a binding international agreement, or a DoD or Air Force policy or instruction.

1.4.1. If complying with this instruction conflicts with other requirement sources (e.g., applicable international agreement, AFI 32-7001 or other Air Force Instruction), contact the appropriate Intermediate Environmental Function or AFCEC Overseas Subject Matter Expert for guidance.

1.4.2. If a unit or organization disagrees with a DoD Lead Environmental Component or Geographical Combatant Command environmental management decision, the unit or organization may request reconsideration of the decision. Submit reconsideration requests through the operational chain of command and/or through AFCEC to ensure In-Theater Air Force Headquarters' review and endorsement before going to the Lead Environmental Component or Geographical Combatant Command. **(T-1)**.

1.4.3. Exceptions, Waivers, and Deletions.

1.4.3.1. Installations and installation-level units and organizations will seek exceptions from, waivers of, and deletion of requirements specified in applicable DoD, Geographical Combatant Command, or Lead Environmental Component policies (e.g., a directive, instruction, regulation, country-specific Final Governing Standards provision, and DoD 4715.05-G mandate) in accordance with the waiver, exception, or deletion provisions of those applicable policies. **(T-0)**. Reference: DoDI 4715.05. **Paragraph 3.2.8** of this Air Force Instruction addresses waiver, exception, and deletion criteria under applicable DoD, Geographical Combatant Command, and Lead Environmental Component policies for environmental compliance.

1.4.3.2. See **paragraphs 4.2.6** and **4.5.5** for exceptions to remediation requirements authorized under DoDI 4715.08.

1.5. Programming for Overseas Environmental Requirements.

1.5.1. In accordance with AFI 32-7001, AFCEC assists overseas installations with programming and budgeting. If needed, AFCEC may program requirements on behalf of the installation for environmental requirements stemming from the primary sources of overseas environmental requirements specified in **paragraphs 1.3.1** and **1.3.2**, and any additional DoD and Air Force environmental policies that apply to overseas installations and activities. **(T-2)**.

1.5.2. When programming and budgeting for overseas requirements, installation Program Element Monitors should consider the unique attributes of overseas operations specified in **paragraphs 1.3** and **1.4**, and program environmental requirements in accordance with the *Environmental Quality Programming Guidance* in AFI 32-7001, Chapter 6.

1.6. Training. Unit commanders will ensure overseas personnel are appropriately trained to carry out environmental responsibilities required by law, regulation or DoD and Air Force policy **(T-0)**. Reference: AFD 32-70. Units document completion of that training on Air Force Form 623, *Individual Training Record Folder*, Air Force Form 623A, *On-the-Job Training Record Continuation Sheet*, or equivalent document. **(T-3)**.

1.7. Higher Headquarters Notification. Numbered Air Forces, installation, and installation-level units and organizations notify their assigned Major Command Civil Engineer, Intermediate Environmental Function, and respective Judge Advocates of environmental issues, incidents or

developments overseas that might impact the installation, Major Command, Lead Environmental Component, or Geographical Combatant Command mission. The AFCEC Intermediate Environmental Function assists the Numbered Air Forces, installations, and installation-level units and organizations to staff and report the following environmental incidents and developments within three (3) business days to the In-Theater Air Force Headquarters and AF/A4CAE:

- 1.7.1. Receipt of host nation enforcement actions as defined in AFI 32-7001. **(T-1)**.
- 1.7.2. Significant spills or releases of contaminants into the environment. **(T-1)**.
- 1.7.3. Discovery of environmental contamination on Air Force installations that is likely to pose a substantial impact to human health and safety. **(T-1)**.
- 1.7.4. Air Force-related environmental incidents that have received attention in the local or national media of the installation's host nation. **(T-1)**.

Chapter 2

ROLES AND RESPONSIBILITIES

2.1. Assistant Secretary of the Air Force for Installations, Environment and Energy (SAF/IE). SAF/IE will:

- 2.1.1. Provide policy, advocacy, representation, and oversight of Air Force environmental programs and performance globally.
- 2.1.2. Serve as the principal Air Force representative on all environmental issues, including overseas items of interest to the Office of the Secretary of Defense, United States Federal agencies, Congress, and external organizations.
- 2.1.3. Re-delegate Lead Environmental Component responsibilities under DoDI 4715.05 and overseas remediation authorities under DoDI 4715.08 received from the Secretary of the Air Force (SECAF) through Headquarters Air Force Mission Directive (HAF MD) 1-18, *Assistant Secretary of the Air Force (Installations, Environment and Energy)*, through the chain-of-command to appropriate general officer-level commanders.

2.2. Deputy Assistant Secretary of the Air Force for Environment, Safety and Infrastructure (SAF/IEE). SAF/IEE will:

- 2.2.1. Establish and issue overarching environmental policy and guidance for all Air Force installations in accordance with AFPD 32-70. Provide direction and program oversight for all environmental matters pertaining to the formulation, review, and execution of environmental plans, policies, budgets, and Air Force positions regarding overseas environmental policies and international agreements.
- 2.2.2. Serve as the principal Air Force representative on all DoD environmental committees and working groups, including the Overseas Environmental Initiatives Committee.
- 2.2.3. Perform Lead Environmental Component responsibilities under DoDI 4715.05 and overseas remediation authorities under DoDI 4715.08 received from SAF/IE, or re-delegate those Lead Environmental Component responsibilities through the chain-of-command to appropriate general officer-level commanders.
- 2.2.4. Identify applicable legal and other overseas environmental requirements that the Air Force must address within its environmental processes.
- 2.2.5. Develop the Air Force Overseas Environmental Program's strategic vision, goals and objectives in accordance with applicable EOs, DoD policy and Air Force mission objectives.
- 2.2.6. Conduct senior-level review of Air Force overseas environmental performance metrics.
- 2.2.7. Support the maintenance of DoD 4715.05-G, and when Air Force is designated by the Office of the Deputy Assistant Secretary of Defense for Environment (DASD(E)), lead a Combined Services/Defense Logistics Agency review and update of DoD 4715.05-G in accordance with DoDI 4715.05. SAF/IEE may delegate the lead responsibility for maintaining the DoD 4715.05-G to an appropriate Headquarters Air Force-level office. Do not further re-delegate.

2.3. Deputy Assistant Secretary of the Air Force for Installations (SAF/IEI). SAF/IEI will:

2.3.1. Develop environmental planning policy and provide oversight of the EIAP program.

2.3.2. Determine the level of environmental analysis required for especially important, visible, or controversial Air Force proposals and approve selected Overseas Environmental Assessments and all Overseas Environmental Impact Statements prepared for Air Force actions, whether classified or unclassified, except as specified in Title 32, Code of Federal Regulations, Part 989.3(c)(3), *Environmental Impact Analysis Process (EIAP)*.

2.3.3. Be the liaison on environmental planning matters, including EIAP, with Federal agencies and national level public interest organizations.

2.3.4. Keep the appropriate offices in the Office of the Secretary of Defense current on EIAP matters of DoD-wide interest.

2.4. Secretary of the Air Force, Office of the General Counsel (SAF/GC). SAF/GC will:

2.4.1. Serve as the principal legal advisor to SAF/IE, SAF/IEE and SAF/IEI on environmental policy matters and issues, including remediation of environmental contamination attributable to the Air Force, realignment of Air Force installations, and issues related to EIAP.

2.4.2. Serve as principal Air Force legal representative on all environmental-related policy issues involving the Office of the Secretary of Defense/Office of General Counsel or General Counsel Offices of other Federal agencies.

2.4.3. When appropriate, consult with the Headquarters, United States Air Force, Judge Advocate General (AF/JA), the Air Force Legal Operations Agency (AFLOA), or other Air Force legal services providers.

2.4.4. Nothing in this paragraph is inconsistent with Headquarters Air Force Mission Directive (HAFMD) 1-14, *General Counsel and The Judge Advocate General*.

2.5. Headquarters, United States Air Force, Deputy Chief of Staff for Logistics, Engineering and Force Protection, Directorate of Civil Engineers (AF/A4C). AF/A4C will:

2.5.1. Provide the implementing strategy, instructions and programmatic guidance to execute approved overseas environmental program policy, advocate for resources, and oversee execution of environmental reporting and tracking requirements throughout the Air Force as part of an integrated Environmental Management System.

2.5.2. Administer Civil Engineer governance to develop, coordinate and review overseas environmental guidance and monitor Major Command and AFCEC environmental activities.

2.5.3. Establish procedures feasible for sustainable overseas operations by achieving efficiencies through pollution prevention, reducing risks to public health, protecting natural resources, minimizing the generation or release of pollutants into the environment, and supporting Air Force Water, Waste and Energy policy goals.

2.5.4. Coordinate overseas guidance, strategies, and resource needs with SAF/IEE, AF/A4, Headquarters AFIMSC, AFCEC, and applicable Major Command/A4s.

2.5.5. Review and provide input to the development of DoD and other applicable Air Force policy, guidance, and metrics with overseas environmental implications or impacts.

2.5.6. Support the maintenance of the DoD 4715.05-G in accordance with DoDI 4715.05, including participation on DoD 4715.05-G steering committees when requested by SAF/IEE.

When the Service Lead responsibility for maintaining the DoD 4715.05-G rotates to the Air Force, and if delegated by SAF/IEE, lead and resource the review and update of the DoD 4715.05-G in accordance with DoDI 4715.05.

2.5.7. Coordinate with other DoD Headquarters Components, Major Command/A4s, Headquarters AFIMSC and AFCEC in providing environmental support to Air Force installations overseas to ensure consistency in implementing DoD environmental policies and management operations regionally and worldwide.

2.5.8. Validate and approve the prioritized overseas environmental resources for the planning, programming, budgeting, and execution process.

2.5.9. Monitor and analyze Air Force-wide program performance in relation to the natural infrastructure and built infrastructure to meet mission requirements and promote asset management. Identify overseas trends, resource requirements, and corrective actions.

2.5.10. Report programmatic progress toward established overseas environmental goals, objectives and metrics to SAF/IEE and DASD(E).

2.5.11. Provide guidance and oversee policy execution for the EIAP as outlined in 32 CFR Part 989 and described in **Chapter 5** of this instruction, in furtherance of EO 12114, *Environmental Effects Abroad of Major Federal Actions*, and 32 CFR Part 187.

2.6. Headquarters, United States Air Force, Office of the Judge Advocate General (AF/JA). AF/JA will:

2.6.1. Provide legal advice and assistance to Headquarters Air Force and field activities on Air Force environmental issues and activities at enduring locations in foreign countries.

2.6.2. Provide legal advice primarily through the Air Force Legal Operations Agency, Civil Law Directorate, Environmental Law and Litigation Division (AFLOA/JACE) on new and emerging issues, litigation matters, and on compliance with environmental laws, DoD policy, and environmental obligations under binding international agreements.

2.6.3. When appropriate, consult with the Air Force General Counsel (SAF/GC) or Deputy General Counsel Installations, Energy & Environment (SAF/GCN).

2.6.4. Nothing in this paragraph is inconsistent with Headquarters Air Force Mission Directive (HAFMD) 1-14, *General Counsel and The Judge Advocate General*.

2.7. Headquarters, United States Air Force, Office of the Surgeon General (AF/SG). AF/SG will:

2.7.1. Ensure the support of the Air Force Medical Support Agency, Bioenvironmental Engineering Division (AFMSA/SG3PB) for overseas drinking water compliance reporting and tracking. AFMSA/SG3PB is representative and chair to the DoD Combined Services Safe Drinking Water Act Steering Committee.

2.7.2. Through the Air Force medical planning, programming, budgeting and execution process, advocate for:

2.7.2.1. Environmental health risk assessment, surveillance, and control requirements to execute required country-specific Final Governing Standards or DoDI 4715.05-G standards.

2.7.2.2. Requirements to support the determination of substantial impact to health and safety for remediation actions as described in **Chapter 4** of this instruction.

2.7.2.3. Requirements to address Air Force-unique criteria listed in AFI 48-144, *Drinking Water Surveillance Program*, that are not included in the applicable Final Governing Standards or DoD 4715.5-G.

2.8. Headquarters, United States Air Force, Operational Training Infrastructure Division (AF/A3TI). Integrates appropriate overseas environmental requirements and considerations into strategic and mission planning, policies (such as AFMAN 13-212V1, *Range Planning and Operations*), procedures, and training for overseas range operations.

2.9. Headquarters, United States Air Force, Deputy Chief of Staff, Strategy, Integration and Requirements, Directorate of Strategy, Concepts, and Assessment (AF/A5S). Integrates environmental management requirements and considerations into overseas operations planning.

2.10. Headquarters Air Force Installation and Mission Support Center (AFIMSC). Provides cross-functional integration and program resource advocacy for Air Force-wide active installation and mission support activities, including at overseas enduring locations. AFIMSC will:

2.10.1. Develop and advocate for the Environmental Quality Program Objective Memorandum (POM) as the Program Element Monitor (PEM). Provide consultation, oversight, and resource advocacy for programming, and act as the primary focal point for communicating Air Force environmental program budget guidance, requirements and impacts of budget cuts.

2.10.2. Provide resource advocacy for environmental compliance, remediation and EIAP requirements outside the United States in accordance with this instruction.

2.10.3. Coordinate with responsible parties on policy, oversight, programming, and engagement for environmental compliance, remediation and EIAP outside the United States in accordance with this instruction.

2.10.4. See AFI 32-7001 for additional related responsibilities.

2.11. AFIMSC Detachments, Europe or Pacific Divisions, Environmental Branches. As appropriate, provide support as an Intermediate Environmental Function, responsible for providing environmental management support to a specific installation, organization, command, or activity located and operating outside the United States. The Intermediate Environmental Function will:

2.11.1. Fulfill the roles and responsibilities specified in AFI 32-7001, Chapter 2, paragraph 2.14. **(T-1).**

2.11.2. When tasked or authorized, provide support to the designated Lead Environmental Components in the performance of their responsibilities under DoDI 4715.05 (e.g., Final Governing Standards updates) and for overseas remediation under DoDI 4715.08. **(T-0).** In support of the Lead Environmental Component, the Intermediate Environmental Function will:

2.11.2.1. Staff requests for exceptions to DoD, Geographical Combatant Command, Lead Environmental Component, and other applicable environmental policies. **(T-3).**

2.11.2.2. Consult and cooperate with representatives of other in-theater Lead Environmental Components regarding environmental issues with prior approval of the Lead Environmental Component. **(T-1).**

2.11.2.3. Recommend and draft country-specific environmental policies and guidance for Lead Environmental Component consideration and approval. Such policies and guidance apply to all DoD Components stationed at enduring locations in the subject country. **(T-3)**.

2.11.3. Provide technical services and reach-back support to assist Major Commands, Numbered Air Forces, and installations to comply with applicable overseas environmental program requirements and standards and execute overseas environmental projects. **(T-3)**.

2.11.4. Participate in overseas environmental audits as required to assess the state of compliance with overseas policy and standards (i.e., Final Governing Standards, DoD 4715.05-G, etc.). Implement an environmental compliance assessment program for in-theater installations in accordance with DoDI 4715.05, country-specific Final Governing Standards or DoD 4715.05-G if no Final Governing Standards exist, AFI 32-7001, AFI 90-801, and AFI 90-201. **(T-0)**. Reference: DoDI 4715.05. Analyze deficiencies and support applicable Major Commands and overseas installations to develop and implement corrective action plans. **(T-1)**.

2.11.5. Perform trend analyses and forecast the impact of existing and proposed new Final Governing Standards, United States Federal, or DoD environmental requirements on Air Force overseas operations. **(T-3)**.

2.11.6. Lead discussions on critical air, soil and water contaminants. Support AFCEC/CZ to provide guidance and perform training on overseas environmental efforts to address chemicals of concern as identified by the Lead Environmental Component. **(T-2)**. Team with installation personnel and consult with host nation government authorities, as required.

2.11.7. Notify AF/A4C, AFCEC/CZ and the applicable Major Command Commander through appropriate staffing actions of environmental incidents or other interest items occurring at installations in accordance with AFI 32-7001, or as described in [paragraph 1.7](#) of this instruction. **(T-1)**.

2.11.8. Provide technical advice and assistance to the appropriate DoD medical authority regarding substantial impact to human health and safety determinations pursuant to DoDI 4715.08. **(T-0)**. Technical support includes, when requested or authorized, preparation of health impact assessments and investigation plans.

2.11.9. Provide assistance as the Environmental Planning Function to the proponent of any proposed major federal action and to AFCEC/CZ on EIAP actions in accordance with [Chapter 5](#) of this instruction. **(T-1)**.

2.11.9.1. Communicate with the In-Theater Air Force Headquarters, Geographical Combatant Command, and host nation government personnel on any proposed major federal action or EIAP activities in accordance with [Chapter 5](#) of this instruction. **(T-1)**.

2.11.9.2. Coordinate with the In-theater Air Force Headquarters, non-Air Force in-theater DoD Component Headquarters, and Lead Environmental Components on any proposed major federal action or EIAP activities in accordance with [Chapter 5](#) of this instruction. **(T-1)**.

2.12. Air Force Civil Engineer Center, Environmental Management Directorate (AFCEC/CZ). AFCEC/CZ will:

- 2.12.1. Execute and manage the Environmental Program, including environmental compliance and remediation overseas, and assists proponents as the Environmental Planning Function for designated EIAP related actions in accordance with applicable DoD and Air Force overseas policy, other overseas directives, and international agreements and obligations. **(T-0)**. Reference: AFPD 32-70.
- 2.12.2. Develop additional guidance consistent with AF/A4C programmatic strategy to implement environmental policy and requirements applicable to overseas operations. **(T-1)**.
- 2.12.3. Assist the AFIMSC Europe and Pacific Detachments, AFCEC Regional Support Branches, and AFCEC Installation Support Sections, as appropriate, to support environmental requirements for installations and operations overseas. **(T-2)**. Provide technical consultations with AFCEC/CZ Installation Support Sections and AFIMSC Detachments, as appropriate, to ensure mission and technical initiatives or objectives are met. **(T-2)**.
- 2.12.4. Support the designated Lead Environmental Component in the performance of its responsibilities for environmental compliance (e.g., Final Governing Standards updates) in accordance with DoDI 4715.05 and for overseas remediation under DoDI 4715.08. **(T-0)**.
- 2.12.5. Provide review and validation of the overseas environmental resources included in the Environmental Quality POM and manage development of the Environmental Quality Integrated Priority List for the Overseas Environmental Program. **(T-1)**.
- 2.12.6. Advise AF/A4C leadership on overseas environmental issues and monitor activities at the Major Command and installation levels. **(T-2)**.
- 2.12.7. Assess and report on the implementation of overseas projects, status of progress against established overseas goals, objectives, priorities and metrics, and proposed corrective actions to address unsatisfactory performance. **(T-1)**.
- 2.12.8. Support the Headquarters Air Force and AFCEC-defined visions, objectives, and targets by maintaining environmental programs and establishing installation or program-specific environmental management objectives and targets to reduce environmental impacts. **(T-1)**.
- 2.12.9. Ensure Environmental Management System and compliance audits are conducted in accordance with requirements outlined in AFI 32-7001, AFI 90-801, *Environment, Safety, and Occupational Health Councils*, and AFI 90-201, *The Air Force Inspection System*. **(T-1)**. Ensure *The Environmental Assessment and Management (TEAM) Guides* are updated following promulgation of a new DoD 4715.05-G or Final Governing Standards. **(T-1)**.
- 2.12.10. Coordinate select EIAP actions that require preparation of environmental effects documents, as described in [Chapter 5](#) of this instruction, with the installation or Major Command proponent of any proposed major Federal action abroad. **(T-2)**.
- 2.12.11. Plan, program, and budget for preparation and maintenance of country-specific Final Governing Standards where the Air Force is the Lead Environmental Component. **(T-1)**.

2.13. In-Theater Air Force Headquarters (i.e., Numbered Air Force Commands, Major Commands and Other Commands Above Installation Level).

2.13.1. Commander will:

2.13.1.1. Comply with all applicable DoD and Air Force policies and issuances implementing applicable environmental laws, regulations, and standards, including the provisions of DoDI 4715.05, standards in country-specific Final Governing Standards, or the DoD 4715.05-G if no Final Governing Standards exist, and the obligations of any binding international agreement. **(T-0)**. Reference: AFPD 32-70.

2.13.1.2. Consult with the appropriate Lead Environmental Components on implementation of requirements within DoD policies, including negotiating and cooperating with host nation authorities, as appropriate. **(T-0)**. References: DoDI 4715.05, DoDI 4715.08.

2.13.1.3. Consult with the Geographical Combatant Command on environmental disputes with the designated Lead Environmental Component. **(T-0)**. Reference: DoDI 4715.05.

2.13.1.4. Ensure procedures are in place in accordance with **Chapter 4** of this instruction to determine if environmental contamination poses a substantial impact to human health and safety. **(T-0)**. Reference: DoDI 4715.08.

2.13.1.5. Make substantial impact to human health and safety determinations after consultation with the appropriate DoD medical authority and the Lead Environmental Component, if any. **(T-0)**. Reference: DoDI 4715.08. The In-theater Air Force Headquarters Commander may delegate authority to make substantial impact to human health and safety determinations to a subordinate general officer in writing. Do not further re-delegate. **(T-0)**. Reference: DoDI 4715.08.

2.13.2. Civil Engineer will confer with the Intermediate Environmental Function on environmental incidents and other mission impacting environmental matters, as appropriate. **(T-1)**.

2.13.3. Staff Judge Advocate will provide a determination that a requirement for remediation of environmental contamination under an international agreement is mandatory pursuant to DoDI 4715.08, DoDD 5530.3, and AFI 51-403. Document and retain the legal determination in writing with other associated remediation information in accordance with DoDI 4715.08 and **Chapter 4** of this instruction. **(T-0)**.

2.13.4. Surgeon General (SG) will:

2.13.4.1. Serve as the appropriate DoD Component medical authority for DoDI 4715.05 and DoDI 4715.08. **(T-0)**. May delegate or designate "DoD Component medical authority" responsibilities as specified in **sections 4.3 and 4.5** of this instruction.

2.13.4.2. Provide consultative advice and assistance to the In-Theater Air Force Headquarters or Major Command Commander, as appropriate, in making substantial impact to human health and safety determinations and impact-based decisions. **(T-0)**. Reference: DoDI 4715.08. Advise and assist the In-Theater Air Force Headquarters or Major Command Commander, as appropriate, on how to perform actions necessary to address remediation of environmental contamination in accordance with DoDI 4715.08. **(T-0)**.

2.13.4.3. Assist in resolving Air Force drinking water violations and other potential health risk issues associated with the country-specific Final Governing Standards or DoD 4715.05-G. **(T-2)**.

2.13.4.4. Assist installations to identify and eliminate circumstances that may lead to non-compliance with country-specific Final Governing Standards or DoD 4715.05-G. **(T-2)**.

2.13.4.5. Notify AFMSA/SG3PB of non-compliance situations based on potable water quality sampling at installation level within three (3) calendar days from date of notification by the installation bioenvironmental engineer or other installation authority. **(T-1)**.

2.14. In-Theater Installation or Facility.

2.14.1. Commander (CC) will:

2.14.1.1. Ensure installation personnel, activities, and operations under their control comply with this instruction, applicable international agreements, and any country-specific policy developed by the appropriate Lead Environmental Component and Geographical Combatant Command. **(T-0)**. References: DoDI 4715.05, DoDI 4715.08.

2.14.1.2. Ensure installation personnel, activities, and operations report and manage correspondence from appropriate host nation government authorities about noncompliance with environmental requirements, releases of environmental contaminants, and environmental inspections in accordance with AFI 32-7001. **(T-1)**.

2.14.1.3. Accomplish Headquarters Air Force notification as required in [paragraph 1.7](#) of this instruction. **(T-1)**.

2.14.1.4. Consult with the installation bioenvironmental engineer (or SG-designee), Intermediate Environmental Function or In-Theater Air Force Headquarters legal office, as appropriate, and the Lead Environmental Component, to make decisions on how to perform actions necessary to address remediation of contamination, ranging from institutional control responses, such as restricting access or stopping use, to more extensive remedies. **(T-0)**. Reference: DoDI 4715.08.

2.14.2. Civil Engineer (CE) will:

2.14.2.1. Coordinate with the Intermediate Environmental Function on environmental compliance and remediation actions as required by this instruction. **(T-1)**.

2.14.2.2. Coordinate with the Intermediate Environmental Function on all proponent actions required by [sections 5.3 through 5.5](#) of this instruction. **(T-1)**.

2.14.3. Medical Group Commander (MDG/CC) will:

2.14.3.1. Provide consultative advice and assistance to the installation commander, as appropriate, in supporting substantial impact to human health and safety determinations and impact-based decisions on how to perform actions necessary to address remediation of environmental contamination in accordance with DoDI 4715.08. **(T-0)**.

2.14.3.1.1. When authorized by the DoD medical authority, the installation bioenvironmental engineer will prepare, or help prepare, the investigation plan mentioned in [paragraph 4.5.1.2](#) of this instruction. **(T-2)**.

- 2.14.3.1.2. When authorized by the DoD medical authority, the installation bioenvironmental engineer will perform, or help perform, the health impact assessment described in [paragraph 4.5.2](#) of this instruction. **(T-2)**.
- 2.14.3.2. Assist in resolving Air Force drinking water violations and other potential health risk issues associated with the country-specific Final Governing Standards or DoD 4715.05-G. **(T-2)**.
- 2.14.3.3. Assist installations in identifying and eliminating human health and safety circumstances that may lead to country-specific Final Governing Standards or DoD 4715.05-G situations of non-compliance. **(T-2)**.
- 2.14.3.4. Notify In-Theater Air Force Headquarters bioenvironmental engineer (or Surgeon General-designee) and installation Civil Engineer of non-compliance situations based on potable water quality sampling at installation level within one (1) business day. **(T-1)**.
- 2.14.3.5. Perform sampling, reporting, analysis, and related actions to ensure water quality and safe drinking water in accordance with standards prescribed by applicable Final Governing Standards or DoD 4715.05-G and AFI 48-144. **(T-1)**.

Chapter 3

ENVIRONMENTAL COMPLIANCE REQUIREMENTS

3.1. Scope. This chapter implements compliance requirements from DoDI 4715.05 and related DoD issuances, such as DoDD 4715.12, *Environmental and Explosives Safety Management on Operational Ranges Outside the United States*. It establishes media or program area-specific standards applicable to routine activities and operations at overseas enduring locations in order to prevent or reduce negative impacts on the environment and/or mission success.

3.2. Compliance. Air Force installations and other enduring locations will:

3.2.1. In countries where Final Governing Standards exist, comply with all standards and criteria in the country-specific Final Governing Standards. **(T-0)**. Reference: DoDI 4715.05.

3.2.2. In countries where no Final Governing Standards exist, comply with applicable international agreements and DoD 4715.05-G. **(T-0)**. Reference: DoDI 4715.05. Seek assistance from the Intermediate Environmental Function and servicing legal office in determining if a conflict exists between the DoD 4715.05-G and an applicable international agreement.

3.2.3. Comply with applicable Geographical Combatant Command and Lead Environmental Component environmental compliance policies (e.g., regulations, issuances, and memoranda) issued separate from the country-specific Final Governing Standards or DoD 4715.05-G. **(T-0)**. Reference: DoDI 4715.05. Such policies may supplement topics addressed in the Final Governing Standards or the DoD 4715.05-G. They also may address environmental and environment-related topics that are not addressed in the Final Governing Standards or DoD 4715.05-G, such as noise and radon management.

3.2.4. For Air Force activities at enduring locations that are controlled by other DoD Components (e.g., United States Army, United States Navy), comply with the policies described in [paragraphs 3.2.1](#) through [3.2.3](#) of this instruction that apply to the host installation. **(T-0)**. Reference: DoDI 4715.05. Comply with other Air Force policy and guidance to the extent compliance does not conflict with satisfying other DoD Components' requirements that apply to tenants at the host installation. **(T-1)**.

3.2.5. For Air Force activities at enduring locations controlled by a United States military ally (e.g., Royal Air Force of the United Kingdom) or United States coalition partner (e.g., North Atlantic Treaty Organization (NATO)), comply with the environmental compliance standards specified in the applicable international agreements, environmental annexes of operation orders, or other requirement sources. **(T-0)**. Reference: DoDI 4715.05.

3.2.6. Leased facilities. For Air Force activities at enduring locations it leases, comply with the environmental standards prescribed in the lease. In addition, comply with the policies and guidance identified in [paragraphs 3.2.1](#) through [3.2.5](#) of this instruction, but only to the extent these policies and guidance do not conflict with lease requirements. **(T-0)**. Reference: DoDI 4715.05

3.2.7. Supplementary criteria. Any organization may supplement this compliance guidance but must coordinate all supplements with AF/A4C and will consult with the appropriate Lead Environmental Component before issuing supplementary criteria that is more protective than

the Final Governing Standards or DoD 4715.05-G. (T-1). However, if the Air Force is the Lead Environmental Component, consult with the appropriate Geographical Combatant Command instead of the Lead Environmental Component. (T-0). Reference: DoDI 4715.05. Requests to supplement criteria are staffed through the Intermediate Environmental Function and the In-Theater Air Force Headquarters. (T-2). See [Table 3.1](#) for a list of *In-Theater Air Force Headquarters*.

Table 3.1. In-Theater Air Force Headquarters.

DoD Geographic Combatant Command	Location	In-Theater Air Force Headquarters	Notes
United States Africa Command	All countries in Africa	United States Air Forces in Europe-Africa	
	Ascension Island	Air Force Space Command	1
United States Central Command	Kuwait	Air Forces Central Command	
	Oman	Air Forces Central Command	
	Saudi Arabia	Air Forces Central Command	
	United Arab Emirates	Air Forces Central Command	
	All other locations in the United States Central Command area of responsibility	Air Forces Central Command	
United States European Command	Azores (Portugal)	United States Air Forces in Europe	
	Italy	United States Air Forces in Europe	
	Germany	United States Air Forces in Europe	
	Spain	United States Air Forces in Europe	
	Turkey	United States Air Forces in Europe	
	United Kingdom	United States Air Forces in Europe	
	Other locations in the United States European Command except Greenland (Denmark) and Ascension Island (United Kingdom)	United States Air Forces in Europe	

	Greenland (Denmark) Ascension Island (United Kingdom)	Air Force Space Command	1
United States Northern Command	Canada	Air Forces Northern Command	
United States Indo- Pacific Command	Japan	5 th Air Force	2
	Republic of Korea	7 th Air Force	2
	All other locations in the United States Pacific Command except Japan and Republic of Korea	Pacific Air Forces	
United States Southern Command	All locations in the United States Southern Command	Air Forces Southern Command	
Notes:			
<p>1. Air Force Space Command Commander is the In-Theater Air Force Headquarters Commander but must coordinate with Headquarters United States Air Forces in Europe (USAFE) and the Lead Environmental Component. (T-1). Ascension Island and Greenland are located in the United States European Command area of responsibility.</p> <p>2. Pacific Air Forces Commander (PACAF/CC) is the In-Theater Air Force Headquarters for remediation in the Pacific area of responsibility. (T-1).</p>			

3.2.8. Exceptions and waivers to applicable standards.

3.2.8.1. Installations and installation-level units and organizations may submit a request for exceptions or waivers to requirements in the Final Governing Standards or DoD 4715.05-G in writing to the appropriate Lead Environmental Component for approval. However, if the Air Force is the Lead Environmental Component, installations and installation-level units and organizations will submit the exception/waiver request to the appropriate Geographical Combatant Command for approval **(T-0)** Reference: DoDI 4715.05, and through the Intermediate Environmental Function and In-Theater Air Force Headquarters. **(T-2)**.

3.2.8.2. Ensure the exception or waiver request addresses the matters specified in DoDI 4715.05, Enclosure 3.7.d, and Chapter 1 of the relevant Final Governing Standards or DoD 4715.05-G (whichever applies). **(T-0)**. Reference: DoDI 4715.05. Maintain a complete record of the exception request and provide a copy through the Intermediate Environmental Function and In-Theater Headquarters to DASD(E). **(T-0)**. Reference: DoDI 4715.05.

3.2.9. Interaction with Lead Environmental Component, Geographical Combatant Command, other DoD Components, United States Department of State, and host nation representatives.

3.2.9.1. Unless required to do so by applicable international agreement, country-specific Final Governing Standards, DoD 4715.05-G, or Geographical Combatant Command policy, installations and installation-level units and organizations do not directly contact

Lead Environmental Components, Geographical Combatant Commands, other DoD Components, United States Department of State offices or personnel, and host nation government authorities. Instead, installations and organizations communicate with such offices and officials on environmental matters as directed or authorized by their In-Theater Air Force Headquarters or, when authorized, the Intermediate Environmental Function. **(T-2)**. Installations and installation-level units and organizations may communicate directly with the Air Force Lead Environmental Components on environmental matters, but should coordinate direct contacts with the appropriate Intermediate Environmental Function. **(T-3)**.

3.2.9.2. The Intermediate Environmental Function may communicate with the Lead Environmental Component, Geographical Combatant Command, other DoD Components, United States Department of State, and host nation representatives on environmental matters that impact overseas Air Force installations or commands when authorized to do so by the appropriate In-Theater Air Force Headquarters. Commands, installations, and units must cooperate with host nation government authorities consistent with applicable SOFAs or other international agreements and the Final Governing Standards or DoD 4715.05-G (whichever applies). **(T-0)**. Reference: DoDI 4715.05. Commands, installations, and units should consult their supporting legal office for advice when interpreting international agreements and Final Governing Standards or DoD 4715.05-G provisions.

3.3. Additional Guidance and Media or Program Area Requirements.

3.3.1. Pollution Prevention. Installations and activities will ensure that disposition of recyclable and qualified recycling program materials derived from duty-free goods, is consistent with surplus or excess property agreements or the SOFA or other international agreements with host nations. **(T-0)**. Reference: DoDI 4715.23, *Integrated Recycling and Solid Waste Management (ISWM)*.

3.3.2. Claims for Environmental Damages. Installations and other enduring locations should consult their supporting legal offices for guidance on processing demands for monetary compensation of personal injuries or property damage allegedly resulting from Air Force environmental contamination or an Air Force spill or other release of contaminants into the environment.

Chapter 4

ENVIRONMENTAL REMEDIATION REQUIREMENTS

4.1. Scope. This chapter implements remediation requirements from DoDI 4715.08, and provides limitations and prohibitions for conducting remediation on installations and other enduring overseas locations (e.g., facilities) controlled by the Air Force. This chapter does not supersede or amend any applicable international agreement respecting remediation of Air Force environmental contamination overseas. It integrates concepts of sustainable operations and natural infrastructure management, and is consistent with the Air Force's *Environmental Management System and Environmental Quality* planning, programming, budgeting and execution requirements established in AFI 32-7001.

4.2. Compliance.

4.2.1. Air Force commands and components will take prompt action to address substantial impact to human health and safety due to contamination 1) caused by DoD or Air Force activities and 2) located on an Air Force installation, co-located base, or Air Force-controlled enduring location in accordance with DoD Instruction 4715.08 and this chapter. **(T-0)**. Reference: AFPD 32-70

4.2.2. For environmental contamination located on an Air Force installation that is not known to be caused by DoD or Air Force activities, Air Force commands and components may only take action to address the contamination if it poses a substantial impact to human health and safety to United States forces or personnel. **(T-0)**. Reference: DoDI 4715.08. Prior to investigation actions, approval must be obtained from the In-Theater Component Headquarters Commander or delegated authority. **(T-0)**. Reference: DoDI 4715.08. Additionally, action may be taken only after the appropriate command or component, with the assistance of the Geographical Combatant Command and Lead Environmental Component, formally seeks remediation performed or funded by the host nation and obtains written concurrence from DASD(E). **(T-0)**. Reference: DoDI 4715.08.

4.2.3. An applicable international agreement may require the Air Force to perform remediation that may be more extensive than that necessary to address a substantial impact to human health. Before an Air Force command or component begins such remediation, it must consult with the Lead Environmental Component, if any, and obtain a legal determination from a level no lower than the In-Theater Air Force Headquarters that the requirement for such remediation is mandatory and arises from a binding international agreement. **(T-0)**. Reference: DoDI 4715.08.

4.2.4. Air Force commands and components may perform limited remedial action needed to undertake an approved military construction project or other construction-type projects (e.g., repair, maintenance). Fund such remediation with construction project funds, i.e., military construction or other construction sustainment, restoration, and modernization funds. **(T-0)**. Reference: DoDI 4715.08. Any remediation beyond that needed for the construction to proceed must comply with the non-military construction provisions of DoDI 4715.08. **(T-0)**. Reference: DoDI 4715.08.

4.2.5. The host nation may perform remediation on an Air Force-controlled installation using its own resources; however, these remedial actions are subject to Air Force mission and security requirements.

4.2.6. No remediation beyond that specified in this section may be undertaken, other than investigations pursuant to [paragraph 4.5.1](#) of this instruction. **(T-0)**. Reference: DoDI 4715.08. If extraordinary circumstances are present, Air Force commands and components may formally request an exception to the provisions in DoDI 4715.08, through the Geographical Combatant Command and from the Office of the Under Secretary of Defense for Acquisition and Sustainment (OUSD(A&S)). Such requests are forwarded through the Chairman of the Joint Chiefs of Staff to the DASD(E) and to the OUSD(A&S). **(T-0)**. Reference: DoDI 4715.08.

4.2.7. Air Force commands and components will perform no remediation when the In-Theater Air Force Headquarters, after consultation with In-Theater Air Force Headquarters legal staff, has determined the use of the claims process is the most appropriate solution to support Air Force overseas operations. **(T-0)**. Reference: DoDI 4715.08. “Ex gratia” claims efforts require special procedures in accordance with section 321 of Public Law 105-261, *Strom Thurmond National Defense Authorization Act for Fiscal Year 1999*. **(T-0)**. Reference: DoDI 4715.08.

4.2.8. An Air Force installation that has been determined by the Office of the Secretary of Defense to have operations terminated and returned to the host nation will perform no remediation of environmental contamination. **(T-0)**. Reference: DoDI 4715.08. Air Force commands and components may take actions to prevent exposure of United States forces and personnel to contamination that poses a substantial impact to human health and safety or take actions that are required by an applicable international agreement. Such actions will not extend beyond the date when DoD or Air Force operations are terminated at the installation or unless required by an applicable international agreement. **(T-0)**. Reference: DoDI 4715.08.

4.2.9. No investigations or remediation of environmental contamination will be performed at an enduring location that was once controlled or used by the Air Force but has been returned to the host nation, unless required by applicable international agreement. **(T-0)**. Reference: DoDI 4715.08.

4.2.10. Do not perform remediation for symbolic purposes. **(T-0)**. Reference: DoDI 4715.08.

4.3. Authorities.

4.3.1. Refer to [Table 3.1](#) of this instruction for the responsible In-Theater Air Force Headquarters authorized to make remediation decisions and address issues subject to DoDI 4715.08.

4.3.2. The responsible In-Theater Air Force Headquarters Commander ensures procedures are in place in accordance with this chapter to determine if environmental contamination poses a substantial impact to human health and safety. **(T-0)**. Reference: DoDI 4715.08. The In-Theater Air Force Headquarters Commander makes these substantial impact to human health and safety determinations after consultation with an appropriate DoD medical authority and the Lead Environmental Component, if any. **(T-0)**. Reference: DoDI 4715.08.

4.3.2.1. The "appropriate DoD medical authority and health evaluation authority" described in DoDI 4715.08 is the In-Theater Air Force Headquarters Surgeon General or

Surgeon General-designee. The In-Theater Air Force Headquarters Surgeon General or Surgeon General-designee can delegate the authority as needed. Such delegation should be to an individual or office qualified to evaluate the levels of contamination present at a location and whether exposure to such contamination results in a substantial impact to human health and safety.

4.3.2.2. The In-Theater Air Force Headquarters Commander may delegate the authority to make substantial impact to human health and safety determinations to a subordinate general officer in writing. Further re-delegation is not authorized. **(T-0)**. Reference: DoDI 4715.08. Any re-delegation is subject to the consultation requirements of [paragraph 4.3.2](#)

4.4. Environmental Liability . DoD overseas environmental liabilities, which include overseas environmental remediation, closure, and/or disposal costs, depend on legal circumstances and must be determined by the responsible In-Theater Air Force Headquarters legal function in consultation with the Lead Environmental Component, if any, and Geographical Combatant Command legal advisors. **(T-0)**. References: Public Law 103-62, *Government Performance and Results Act (GPRA) of 1993*, Public Law 103-356, *Government Management Reform Act (GMRA) of 1994*, and the Public Law 104-208, *Federal Financial Management Improvement Act (FFMIA) of 1996*, DoDI 5000.76, *Accountability And Management Of Internal Use Software (IUS)*, and DoDI 4715.08.

4.5. Investigation and Remediation Requirements. This section implements the investigation and remedial action requirements required in accordance with DoDI 4715.08, Enclosure 3, to include key supporting documentation requirements. These requirements are subject to change based upon Geographical Combatant Command and DoD Lead Environmental Component remediation policy issued to implement and supplement DoDI 4715.08. Consult with the appropriate Intermediate Environmental Function for guidance on how Geographical Combatant Command and DoD Lead Environmental Component policy may affect the requirements of this chapter.

4.5.1. Site Investigation.

4.5.1.1. Installation staff, in conjunction with the Intermediate Environmental Function, AFCEC/CZ and AFMSA/SG3PB, must substantiate that a reasonable likelihood of a substantial impact to human health and safety exists as a result of environmental contamination found on an Air Force installation or that a remediation provision stemming from a binding international agreement was violated. **(T-0)**. Reference: DoDI 4715.08. A site identification checklist is used to document a reasonable likelihood of a substantial impact to human health and safety and the need for an initial investigation. **(T-1)**.

4.5.1.2. Once concurrence is obtained that a reasonable likelihood of a substantial impact to human health and safety exists, the DoD health evaluation authority will create an investigation plan **(T-0)**. Reference: DoDI 4715.08. The appropriate DoD medical authority may authorize the installation bioenvironmental engineer, or supporting Intermediate Environmental Function and AFCEC/CZ to prepare the investigation plan. The investigation plan correlates to the planning activities in Phase I (Chapter 2) of Air Force Tactics, Techniques, and Procedures (AFTTP) 3-2.82, *Occupational and Environmental Health Site Assessment*.

4.5.1.3. Installation staff will conduct investigations based on the investigation plan scope. **(T-0)**. Reference: DoDI 4715.08.

4.5.1.3.1. These investigations are focused and limited to the specific evidence or allegation that a substantial impact to human health and safety is present, or as otherwise required by an international agreement. **(T-0)**. Reference: DoDI 4715.08.

4.5.1.3.2. Installation staff will perform investigations in stages. **(T-0)**. Reference: DoDI 4715.08.

4.5.1.3.3. The need for each additional stage of investigation must be supported by the results of the prior stage(s) and based on accepted science (i.e., state-of-the-art) and accredited laboratory sampling procedures. **(T-0)**. Reference: DoDI 4715.08.

4.5.1.4. Other than a small, insignificant amount (i.e., 1-3 cubic yards), investigation measures will not include actual removal of the contamination itself, but may require “risk management” measures such as temporary access barriers to avoid immediate human health exposure. **(T-0)**. Reference: DoDI 4715.08. Site investigation correlates to activities conducted in Phases II and III (Chapters 3-4) of *AFTTP 3-2.82*.

4.5.2. Health Impact Assessment. A health impact assessment is performed by or with the approval of the appropriate DoD medical authority. **(T-0)**. Reference: DoDI 4715.08. The appropriate DoD medical authority may authorize the installation bioenvironmental engineer, the supporting Intermediate Environmental Function, or a certified health risk assessor to perform the health impact assessment. The health impact assessment correlates to activities conducted in Phase IV (Chapter 5) of *AFTTP 3-2.82*.

4.5.3. Determinations of a Substantial Impact to Human Health and Safety. The In-Theater Air Force Headquarters Commander determines whether existing environmental contamination is or is not causing a substantial impact to human health and safety. **(T-0)**. Reference: DoDI 4715.08.

4.5.3.1. The In-Theater Air Force Headquarters Commander makes these determinations only after consultation with the appropriate DoD medical authority and DoD Lead Environmental Component, if any. **(T-0)**. Reference: DoDI 4715.08.

4.5.3.2. If no substantial impact to human health and safety exists, further action is not justified or authorized. **(T-0)**. Reference: DoDI 4715.08. This decision must be documented in writing and must be supported by the health impact assessment that complies with [paragraph 4.5.2](#) of this chapter. **(T-0)**. Reference: DoDI 4715.08.

4.5.3.3. The substantial impact to human health and safety determination process correlates to the *Air Force Occupational and Environmental Health Site Assessment* process as defined in *AFTTP 3-2.82*.

4.5.4. Determinations of Remediation Based Upon An International Agreement. Air Force commands and components must comply with applicable international agreement requirements to remediate environmental contamination. **(T-0)**. Reference: DoDI 4715.08. Before the In-Theater Air Force Headquarters Commander begins such remediation, he/she will: 1) consult with the Lead Environmental Component, if any; and 2) obtain a legal determination from the In-Theater Air Force Headquarters legal office that the requirement for such remediation is mandatory and arises from a binding international agreement. **(T-0)**.

Reference: DoDI 4715.08. Such international agreement determinations will be documented in writing and retained in accordance DoDI 4715.08 and with [paragraph 4.6](#) of this chapter. **(T-0)**. Reference: DoDI 4715.08.

4.5.5. Extraordinary Circumstances. Approval to remediate based on extraordinary circumstances is governed by DoDI 4715.08. Such extraordinary circumstances requests are developed in coordination with the appropriate Intermediate Environmental Function, In-Theater Air Force Headquarters, and DoD Lead Environmental Component for submission through the operational chain of command to the Geographical Combatant Command, Joint Staff, DASD(E), and OUSD(A&S). **(T-0)**. Reference: DoDI 4715.08.

4.5.6. Site Validation. Installation staff (in conjunction with the Intermediate Environmental Function, AFCEC/CZ) must validate a remediation site based upon 1) the results of the site investigation and the health impact assessment; 2) consultations with the In-Theater Air Force Headquarters legal office and DoD medical authority, as appropriate; and 3) determination to remediate from the In-Theater Air Force Headquarters Commander. **(T-0)**. Reference: DoDI 4715.08. Document site validation in writing using the site validation checklist. **(T-1)**.

4.5.7. Remedial Action and Closure.

4.5.7.1. Installation commanders may use their discretion in determining how to conduct remediation of contamination after consulting with the installation bioenvironmental engineer (or Surgeon General-designee), Intermediate Environmental Function or servicing legal office, as appropriate, and the DoD Lead Environmental Component, if any.

4.5.7.2. Remedial actions are considered complete when the environmental contamination no longer poses a substantial impact to human health and safety or the action(s) fulfill Air Force requirements and obligations of the applicable international agreement. **(T-0)**. Reference: DoDI 4715.08.

4.5.7.3. The installation will complete a remediation completion report for each site detailing the extent of remedial actions taken, cost of the remediation, and any negotiated conditions. **(T-0)**. Reference: DoDI 4715.08. The installation prepares the remediation completion report using the remediation complete checklist referenced in [paragraph 4.6.8](#) of this instruction. **(T-1)**. If applicable, document and include the host nation regulatory approval for closure in the closure report. This report should be provided to the Lead Environmental Component, if any, and the Geographical Combatant Command. **(T-1)**.

4.6. Site Audit File Documentation. All site documentation will be kept until 10 years after the installation is returned to the host nation and all claims or other issues about contamination are resolved. **(T-0)**. Reference: DoDI 4715.08. All site specific records and key supporting documents will be maintained by the base Civil Engineer in a Site Audit File and will be used for documenting and reporting overseas environmental liabilities and remedial actions taken. **(T-1)**. These documents are to remain current in the Air Force Records Disposition Schedule and include:

4.6.1. Site Identification Checklist. Once a potential contaminated site is identified, the installation will complete a site identification checklist and submit for concurrence. **(T-1)**.

4.6.2. Site Inventory. The installation will maintain a contaminated site inventory differentiating between potential and validated Air Force, other DoD Component, host nation or other third party contaminated sites. **(T-1)**.

4.6.3. Site Investigation Plan. The installation will maintain all the site investigation plans and investigation reports. **(T-0)**. Reference: DoDI 4715.08.

4.6.4. Health Impact Assessments and Substantial Impact to Human Health and Safety Determinations. The installation will maintain all health impact assessments and determinations of substantial impact to human health and safety. **(T-0)**. Reference: DoDI 4715.08.

4.6.5. Site Validation Checklist. Once all required concurrences, determinations, approvals and/or exception requests are obtained, the installation will complete a site validation checklist and submit for concurrence. **(T-1)**.

4.6.6. Project Cost Estimation and Assumptions Documentation (PCEAD). The installation will complete and maintain supporting cost documentation and a cost estimate basis, to include data sources and assumptions needed to validate the cost estimate basis, for each remediation project associated with a contaminated site. **(T-1)**.

4.6.6.1. Additionally, the installation ensures that annual cost-to-complete estimates are prepared and documented for each site in the installation's site inventory. **(T-1)**.

4.6.6.2. These estimates are updated annually based on current project information and schedules in accordance with this guidance, other applicable guidance and policies, and DoD 7000.14-R, *Department of Defense Financial Management Regulation (DoD FMR)*. **(T-1)**. The installation will ensure that the cost-to-complete estimates are reliable, reproducible, and auditable. **(T-1)**.

4.6.7. Remedial Action and Management Documentation. The installation will maintain all site project solicitation packages, contracts, invoices and de-obligation request forms. **(T-1)**.

4.6.8. Remediation Completion Report and Checklist. The installation will prepare and retain a remediation completion report and applicable host nation closure approval. **(T-0)**. Reference: DoDI 4715.08. The remediation complete checklist should be used to assist the installation in preparing this remediation completion report.

4.6.9. Subject to security requirements and applicable international agreements, Air Force remediation documentation may be provided to the host nation, upon its request, consistent with applicable DoD Lead Environmental Component procedures.

4.7. Consultations with Host Nation Authorities. Consultations with the host nation regarding any matter covered by this chapter will be conducted in accordance with DoDI 4715.08, DoDD 5530.3, AFI 51-403, and other applicable DoD and Air Force issuances. **(T-0)**.

4.8. Planning, Programming, Budgeting and Execution of Funds. Remediation of environmental contamination authorized by this instruction will be funded in the current or following fiscal year for current exposure posing a significant impact to human health and safety, or for exposure about to occur within 3 to 5 years. **(T-0)**. Reference: DoDI 4715.08. Installations and components will not expend funds or use other resources to meet remediation requirements that are the responsibility of host nations, as stipulated in applicable international agreements. **(T-0)**. Reference: DoDI 4715.08. See [paragraph 1.5](#) of this instruction for more planning, programming, budgeting and execution guidance.

Chapter 5

ENVIRONMENTAL IMPACT ANALYSIS PROCESS (EIAP)

5.1. Scope. This chapter implements environmental planning requirements from 32 CFR Part 187, 32 CFR Part 989.37, and 32 CFR Part 989.38. 32 CFR Part 187 implements EO 12114. It applies to all proposed Air Force actions that have the potential to significantly harm: 1) the environment of areas outside the United States including foreign countries and the global commons, or 2) protected global resources.

5.2. Overseas EIAP Compliance. For operations under Air Force control, proponents that initiate action overseas will work with the Environmental Planning Function to comply with the EIAP and prepare decision documents as discussed in [paragraph 5.3](#) of this chapter. **(T-1)**.

5.2.1. The proponent of an action is supported by the Environmental Planning Function and an interdisciplinary team to provide security and policy oversight and review.

5.2.2. AF Form 813, *Request for Environmental Impact Analysis*. The Proponent will submit all overseas proponent action proposals on Air Force Form 813 to the appropriate Environmental Planning Function as early as possible to initiate the EIAP and secure authorization and implementation of the proposed action. **(T-1)**. For additional guidance, see the overseas EIAP on the AFCEC electronic dashboard (eDASH) at <https://cs2.eis.af.mil/sites/10040/WPP/ProgramPage/ProgramPage.aspx?Program=NEPA> / EIAP.

5.2.3. As a general rule, a proposed action will not be implemented until the requirements of [paragraphs 5.2](#) and [5.3](#) and the coordination requirements of [paragraphs 5.4](#) and [5.5](#) of this chapter are accomplished. **(T-0)**. Reference: 32 CFR Part 187

5.3. Environmental Effects Documents for Overseas EIAP.

5.3.1. For major federal actions determined in accordance with 32 CFR Part 187 that may do significant harm to the environment of a foreign country or to a protected global resource, the installation will prepare either an Environmental Review or an Environmental Study. **(T-0)**. Reference: 32 CFR Part 187. For major federal actions that do significant harm to the environment of the global commons, the installation will prepare an Overseas Environmental Impact Statement. **(T-0)**. Reference: 32 CFR Part 187. However, an Overseas Environmental Assessment may be prepared first to determine whether or not an Overseas Environmental Impact Statement is required for a particular action.

5.3.1.1. The Environmental Planning Function supports the proponent in preparing and coordinating the Overseas Environmental Impact Statement in accordance with 32 CFR Part 187, Enclosure 1.D, and 32 CFR Part 989.38. **(T-1)**.

5.3.1.2. The Environmental Planning Function supports the proponent in staffing copies of the preliminary draft Overseas Environmental Impact Statement to AF/A4CPI to obtain Air Force Environmental, Safety and Occupational Health Council review and to AFCEC/CZ for technical review. **(T-1)**.

5.4. Coordination, Release and Maintenance of Overseas Environmental Effects Documents. The Environmental Planning Function helps the proponent coordinate overseas environmental effects documents with the In-theater Air Force Headquarters if the In-theater Air Force Headquarters is not the proponent's assigned Numbered Air Force or Major Command. **(T-1)**. In addition, the Environmental Planning Function assists the proponent to coordinate environmental effects documents with non-Air Force in-theater DoD Component Headquarters (e.g., Headquarters United States Army in Europe, Headquarters United States Naval Forces Japan) and Lead Environmental Components when required or appropriate. **(T-1)**. The proponent and Environmental Planning Function may accomplish coordination with the In-theater Air Force Headquarters through the appropriate Intermediate Environmental Function.

5.4.1. AF/A4CPI is responsible, when appropriate, for obtaining coordination on Environmental Reviews and Environmental Studies from appropriate United States Federal agencies in accordance with 32 CFR Part 989.38. For Environmental Impact Statements, AF/A4CPI is responsible for obtaining Secretary of the Air Force Environmental, Safety and Occupational Health Council review. In addition, AF/A4CPI makes final Environmental Reviews and Environmental Studies available to the United States Department of State, the White House Council on Environmental Quality, other interested United States Federal agencies, and, on request, to the public in the United States. Subject to limitations specified in Enclosure 2, D.6. and E.6. of 32 CFR Part 187, and controls on classified information, AF/A4CPI may inform interested foreign governments about or provide copies of Environmental Studies to host nation government authorities.

5.4.2. AF/A4CPI makes final Overseas Environmental Assessments available to the public in the United States upon request and to the host nation and foreign nationals in accordance with the Air Force Foreign Disclosure Office process in AFI 16-201, *Air Force Foreign Disclosure and Technology Transfer Program*, if determined to be controlled unclassified information. **(T-1)**. The United States Department of State, the White House Council on Environmental Quality, and other interested United States Federal agencies will be informed of the availability of draft Overseas Environmental Impact Statements and will be given the opportunity to comment. **(T-0)**. Reference: 32 CFR Part 187. AF/A4CPI makes final Overseas Environmental Impact Statements available to the public in the United States. Interested foreign governments may be informed of the availability of Overseas Environmental Impact Statements in accordance with [paragraph 5.6](#) of this chapter.

5.4.3. Maintenance. The installation or AFCEC/CZ provides an electronic copy (e.g., portable document format, Word format) of each final Environmental Review, Environmental Study, Overseas Environmental Assessment and Overseas Environmental Impact Statement to AFCEC/CZN for the EIAP repository. **(T-3)**.

5.5. Exemptions and Exclusions. Several types of actions may be exempt or excluded from the requirements specified in [sections 5.3 and 5.4](#) of this chapter.

5.5.1. General exemptions. EO 12114 and 32 CFR Part 187 specify several general exemptions that apply to proposed actions. They include:

5.5.1.1. Implied exemption from the applicability paragraph of EO 12114 and 32 CFR Part 187 (the participating nation exemption). Actions that affect only the environment of a participating or otherwise involved foreign nation and do not involve providing products or physical projects producing principal products, emissions, or effluents that are

prohibited or strictly regulated by Federal law in the United States, or resources of global importance that have been designated for protection.

5.5.1.2. Actions that the Air Force determines do not do significant harm to the environment overseas or to a designated global resource.

5.5.1.3. Actions taken pursuant to the direction of the President or Secretary of Defense in the course of armed conflict or when national security or national interests are involved.

5.5.1.4. Disaster and emergency relief actions.

5.5.1.5. Other general actions and requirements as specified in Enclosure 2, C.3.a. of 32 CFR Part 187.

5.5.2. Exemptions unique to DoD and the Air Force. EO 12114 authorizes DoD to establish additional exemptions that apply only to the Department's operations.

5.5.2.1. Case-by-case. Exemptions other than those specified above may be required because of emergencies, national security considerations, exceptional foreign policy requirements, or other special circumstances that preclude or are inconsistent with the preparation of EIAP documentation and taking of other actions prescribed by this chapter. See Enclosure 2 C.3.b.1 of 32 CFR Part 187 for more information regarding case-by-case exemptions.

5.5.2.2. Class. Circumstances may exist where a class exemption for a "group" of related actions is more appropriate than a specific exemption. See Enclosure 2, C.3.b.2 of 32 CFR Part 187 for more information regarding class exemptions.

5.5.3. Overseas Categorical Exclusion. Per Enclosure 2 C.4 of 32 CFR Part 187, DoD may approve categorical exclusions for actions that normally do not, individually or cumulatively, do significant harm to the environment.

5.6. Interaction with Host Nation Government Authorities and the United States Department of State.

5.6.1. Proponents will ensure interactions with host nation government authorities on overseas EIAP matters comply with applicable Major Command, Lead Environmental Component, and Geographical Combatant Command policies. **(T-0)**. Reference: DoDI 4715.05. Communication regarding international agreements and other formal arrangements with host nations concerning environmental matters must be coordinated with the United States Department of State and the appropriate unified command. **(T-0)**. Reference: DoDI 4715.05. Informal working-level communications and arrangements do not require United States Department of State coordination but must still comply with appropriate staffing policies. **(T-0)**. Reference: DoDI 4715.05.

5.6.2. The proponent and the Environmental Planning Function do not interact with host nation government authorities regarding matters covered in this chapter without first consulting the appropriate Intermediate Environmental Function and In-Theater Air Force Headquarters legal office for specific guidance on host nation government authority coordination requirements. **(T-1)**. When United States Department of State coordination is required or desired, the Intermediate Environmental Function and In-Theater Air Force Headquarters legal office assists the proponent and Environmental Planning Function to obtain the coordination through AF/A4CPI, SAF/IEE, DASD(E) and other Air Force and DoD offices as appropriate.

(T-1). However, AF/A4CPI makes Environmental Reviews and Environmental Studies available to the United States Department of State for comment in accordance with 32 CFR Part 989.38, unless it authorizes the In-Theater Air Force Headquarters, Intermediate Environmental Function, or other entity, as appropriate, to make the documents available to the United States Department of State.

5.7. Classified Action Proposals.

5.7.1. Overseas Environmental Assessments, Overseas Environmental Impact Statements, Environmental Reviews, and Environmental Studies that address classified proposals are safeguarded. Classified information is handled in accordance with 32 CFR Part 989.26 and restricted from public dissemination in accordance with DoDI 5200.01, *DoD Information Security Program and Protection of Sensitive Compartmented Information*, AFI 16-1404, *Air Force Information Security Program*, and DoD Manual (DoDM) 5400.07_AFMAN 33-302, *Freedom of Information Act Program*. (T-0). Only unclassified portions of environmental effects documents may be released to the public. (T-0). Reference: 32 CFR Part 989.26.

5.7.2. In accordance with Chairman of the Joint Chiefs of Staff Instruction (CJCSI) 2300.02K, *Coordination of Overseas Force Structure Changes and Host-Nation Notification*, the location of a proposed action is classified until after the host nation notification process is complete. In practice, any EIAP document prepared before host nation notifications are complete is classified, even if only because it indicates the proposed location of the action. Related EIAP document is classified until after completion of host nation notifications, at which time it can be declassified by competent authority. (T-0). Reference: CJCSI 2300.02K.

WARREN D. BERRY, Lt Gen, USAF
DCS/Logistics, Engineering & Force Protection

Attachment 1**GLOSSARY OF REFERENCES, TERMS, AND SUPPORTING INFORMATION*****References***

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- AFI 33-360, *Publications and Forms Management*, 1 December 2015
- AFMAN 33-363, *Management of Records*, 1 March 2008
- AFI 32-7001, *Environmental Management*, 23 August 2019
- DoDD 5530.3, *International Agreements*, 11 June 1987
- AFI 51-403, *International Agreements*, 8 February 2019
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- DoDI 4715.08, *Remediation of Environmental Contamination Outside the United States*, 1 November 2013
- DoDI 4165.69, *Realignment of DoD Sites Overseas*, 6 April 2005
- DoDD 4715.1E, *Environment, Safety, and Occupational Health (ESOH)*, 19 March 2005
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- EO 12114, *Environmental Effects Abroad of Major Federal Actions*, 13 October 1978
- AFI 48-144, *Drinking Water Surveillance Program*, 21 October 2014
- AFMAN 13-212V1, *Range Planning and Operations*, 1 April 2012
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- DoDI 4715.23, *Integrated Recycling and Solid Waste Management (ISWM)*, 24 October 2016
- Public Law 105-261, *Strom Thurmond National Defense Authorization Act for Fiscal Year 1999*, 17 October 1998
- Public Law 103-62, *The Government Performance and Results Act (GPRA) of 1993*, 3 August 1993
- Public Law 103-356, *Government Management Reform Act (GMRA) Of 1994*, 13 October 1994

Public Law 104-208, Title VIII (31 U.S.C. 3512 note), *Federal Financial Management Improvement Act (FFMIA) of 1996*, 30 September 1996

DoDI 5000.76, *Accountability And Management Of Internal Use Software (IUS)*, 2 March 2017

AFTTP 3-2.82, *Occupational and Environmental Health Site Assessment (OEHSA)*, April 2012

DoD 7000.14-R, *Department of Defense Financial Management Regulation (DoD FMR)*, current edition

AFI 16-201, *Air Force Foreign Disclosure and Technology Transfer Program*, 26 April 2018

DoDI 5200.01, *DoD Information Security Program and Protection of Sensitive Compartmented Information*, 21 April 2016

AFI 16-1404, *Air Force Information Security Program*, 29 May 2015

DoDM 5400.07_AFMAN33-302, *Freedom of Information Act Program*, 27 April 2018

CJCSI 2300.02K, *Coordination of Overseas Force Structure Changes and Host-Nation Notification*, 2 April 2019

DoDI 6055.01, *DoD Safety and Occupational Health (SOH) Program*, 14 October 2014

JP 1, *Doctrine for the Armed Forces of the United States*, 23 March 2013

JP 1-02, *Department of Defense (DoD) Dictionary of Military and Associated Terms*, as of June 2019

JP 3-0, *Joint Operations*, 17 January 2017

JP 3-27, *Homeland Defense*, 10 April 2018

DoDD 3000.10, *Contingency Basing Outside the United States*, 10 January 2013

Prescribed Forms

None

Adopted Forms

Air Force Form 623, *Individual Training Record Folder*, 1 October 1996

Air Force Form 623A, *On-the-Job Training Record Continuation Sheet*, 1 March 1979

Air Force Form 847, *Recommendation for Change of Publication*, 22 September 2009

Air Force Form 813, *Request for Environmental Impact Analysis*, 1 September 1999

Abbreviations and Acronyms

AF—Air Force

AF/A3TI—Headquarters, United States Air Force, Operational Training Infrastructure Division

AF/A4—Headquarters, United States Air Force, Office of the Deputy Chief of Staff/Logistics, Engineering and Force Protection

AF/A4C—Headquarters, United States Air Force, Directorate of Civil Engineers

AF/A4CA—Headquarters, United States Air Force, Office of the Deputy Chief of Staff/ Logistics, Engineering and Force Protection, Directorate of Civil Engineers, Asset Management Division

AF/A4CAE—Headquarters, United States Air Force, Office of the Deputy Chief of Staff/ Logistics, Engineering and Force Protection, Directorate of Civil Engineers, Asset Management Division, Environmental Branch

AF/A4CPI—Headquarters, United States Air Force, Office of the Deputy Chief of Staff/ Logistics, Engineering and Force Protection, Directorate of Civil Engineers, Strategy and Plans Division, Installation Planning Branch

AF/A5S—Headquarters, United States Air Force, Deputy Chief of Staff, Strategy, Integration and Requirements, Directorate of Directorate of Strategy, Concepts, and Assessment

AF/JA—Headquarters, United States Air Force, Office of the Judge Advocate General

AF/SG—Headquarters, United States Air Force, Office of the Surgeon General

AFCEC—Air Force Civil Engineer Center

AFCEC/CZ—Air Force Civil Engineer Center/Environmental Management Directorate

AFI—Air Force Instruction

AFIMSC—Air Force Installation and Mission Support Center

AFLOA—Air Force Legal Operations Agency

AFLOA/JACE—Air Force Legal Operations Agency, Civil Law Directorate, Environmental Law and Litigation Division

AFMAN—Air Force Manual

AFMSA—Air Force Medical Support Agency

AFMSA/SG3PB—Air Force Medical Support Agency, Bioenvironmental Engineering Division

AFPD—Air Force Policy Directive

AFTTP—Air Force Tactics, Techniques and Procedures

CC—Commander

CE—Civil Engineer

CFR—Code of Federal Regulations

CJCSI—Chairman of the Joint Chiefs of Staff Instruction

DASD(E)—Office of the Deputy Assistant Secretary of Defense for Environment (formerly DUSD(I&E))

DoD—Department of Defense

DoDD—DoD Directive

DoDI—DoD Instruction

eDASH—Electronic Dashboard

EIAP—Environmental Impact Analysis Process

EO—Executive Order

ESOH—Environment, Safety, and Occupational Health

FFMIA—Federal Financial Management Improvement Act

FMR—Financial Management Regulation

GMRA—Government Management Reform Act

GPRA—Government Performance and Results Act

HAF MD—Headquarters Air Force Mission Directive

ISWM—Integrated Recycling and Solid Waste Management

MDG/CC—Medical Group Commander

NATO—North Atlantic Treaty Organization

OUSD(A&S)—Office of the Under Secretary of Defense for Acquisition and Sustainment

PACAF—Pacific Air Forces

PCEAD—Project Cost Estimation and Assumptions Documentation

PEM—Program Element Monitor

PL—Public Law

POM—Program Objective Memorandum

SAF—Secretariat Offices within the Headquarters Air Force

SAF/GC—Assistant Secretary of the Air Force, General Counsel

SAF/IE—Assistant Secretary of the Air Force for Installations, Environment and Energy

SAF/IEE—Deputy Assistant Secretary of the Air Force for Environment, Safety and Infrastructure

SAF/IEI—Deputy Assistant Secretary of the Air Force for Installations

SECAF—Secretary of the Air Force

SG—Surgeon General

SOFA—Status of Forces Agreement

TEAM—The Environmental Assessment and Management

T—Tier

USAFE—United States Air Forces in Europe

Terms

Air Force Form 813—Official form the Air Force uses to substantiate the need for environmental analysis for proposed actions.

Area of Responsibility—The geographical area associated with a combatant command within which a geographic combatant commander has authority to plan and conduct operations. See JP 1.

Built Infrastructure—Installations, facilities and other fixed (i.e., permanent) and man-made assets essential to project, support, and sustain military forces and operations worldwide. These include buildings, airfields, roads/bridges, utility systems, stores of military equipment, and maintenance stations necessary for the support of military forces, whether they are stationed in bases, being deployed or engaged in operations. See JP 1-02 and JP 3-27.

Combatant Command—A unified or specified command with a broad continuing mission under a single commander established and so designated by the President, through the Secretary of Defense and with the advice and assistance of the Chairman of the Joint Chiefs of Staff. See JP 1.

Contingency Location—A non-enduring location outside of the United States that supports and sustains operations during named and unnamed contingencies or other operations as directed by appropriate authority and is categorized by mission life-cycle requirements as initial, temporary, or semi-permanent. See DoDI 3000.10.

Department of Defense (DoD) Components—The Office of the Secretary of Defense, the Military Departments, the Chairman of the Joint Chiefs of Staff and the Joint Staff, the Combatant Commands, the Office of the Inspector General of the DoD, the DoD agencies, DoD field activities, and all other organizational entities in the DoD; one of the subordinate Departments, Agencies, or organizations that constitute the DoD. See JP 1.

Enduring Location—A location where DoD intends to maintain access and use for the foreseeable future. Enduring locations include main operating bases, forward operating sites, and cooperative security locations, and may be composed of more than one distinct site. Enduring locations are published in the DoD-approved Enduring Locations Master List. See DoDI 4715.05 and DoDI 4715.08.

Environment—The natural and physical conditions surrounding an activity or location.

Environmental Impact Analysis Process (EIAP)—DoD procedures to ensure Air Force officials take account of environmental considerations when authorizing or approving certain major federal actions that do significant harm to the environment of locations outside the United States.

Environmental Planning Function—Entity which leads the environmental analysis of the proposed action as the project and process manager supporting the environmental impact analysis process. The Environmental Planning Function can be AFCEC or an installation office. See 32 CFR Part 989.3(c)(3).

Environmental Quality—The measure of the condition of the Air Force's natural infrastructure relative to DoD environmental requirements. Per AFPD 32-70, environmental quality includes meeting all environmental standards applicable to the Air Force's present operations; planning its future activities to minimize environmental impacts; responsibly managing the irreplaceable natural and cultural resources it holds in public trust; and eliminating pollution from its activities wherever possible.

Environmental Review—A concise survey of the important environmental issues associated with a major federal action overseas that is to be considered by appropriate Air Force leadership during the decision-making process. An Environmental Review is prepared by the Air Force either unilaterally or in conjunction with another US Government agency.

Environmental Study—An analysis of the likely environmental consequences of the action that is to be considered by appropriate Air Force leadership during the decision-making process. An

environmental study is a cooperative action, not a unilateral action, taken by the Air Force. It is prepared by the Air Force in conjunction with one or more foreign nations, or by an international body or organization of which the United States is a member or participant.

Ex Gratia—As a favor: not compelled by legal right. See DoDI 4715.08.

Federal Actions—Actions that are implemented or funded directly by the United States Government. Federal actions do not include: 1) actions in which the United States Government (to include the Air Force and Air Force subdivisions, e.g., organizations, units, commands) participates in an advisory, information-gathering, representational, or diplomatic capacity but does not implement or fund the action; 2) actions taken by a foreign government or in a foreign country in which the United States Government is a beneficiary of the action, but does not implement or fund the actions; and 3) actions in which foreign governments use funds derived indirectly from United States Government funding. See 32 CFR Part 187.

Final Governing Standards—A comprehensive set of country-specific substantive environmental provisions. A Final Governing Standards requirement is typically a technical limitation on effluent or discharge, or a specific management practice. The DoD-designated Lead Environmental Components develop and maintain the Final Governing Standards for their assigned countries. See DoDI 4715.05.

Foreign Nation—Any geographic area (land, water, and airspace) that is under the jurisdiction of one or more foreign governments; any area under military occupation by the United States alone or jointly with any other foreign government; and any area that is the responsibility of an international organization of governments. “Foreign nation” includes contiguous zones and fisheries zones of foreign nations. See 32 CFR Part 187.

Geographic Combatant Command—A unified combatant command with responsibilities for a geographic region in support of United States strategic objectives. Its mission is to maintain command and control of United States military forces in a designated area of the world in peacetime as well as in conflict.

Global Commons—Geographical areas that are outside the jurisdiction of any nation and include the oceans outside territorial limits and Antarctica. Global commons do not include contiguous zones (a maritime zone extending 3-12 nautical miles from the coastline) and fisheries zones (an area where fishing for some or all species is prohibited to protect critical habitats, rebuild fish stocks, ensure against overfishing, or enhance fishery yield) of foreign nations. See 32 CFR Part 187.

Health Impact Assessment—A scientific assessment that evaluates the levels of environmental contamination present at a location and whether there is a pathway of exposure that results in a substantial impact to human health and safety. See DoDI 4715.08.

Installation—An enduring location consisting of a base, camp, post, station, yard, center, or other DoD activity under the operational control of the Secretary of a Military Department or the Secretary of Defense. See DoDI 4715.05 and DoDI 4715.08.

Intermediate Environmental Function—The AFIMSC Detachment 4 (USAFE – AFAFRICA), Europe Division, Environmental Branch); AFIMSC Detachment 2 (PACAF), Pacific Division, Environmental Branch; AFCEC/CZ Installation Support Section; AFCEC/CZ Regional Support Branch, as appropriate, that is responsible for providing environmental engineering support to a

specific installation, organization, command, or activity located or operating outside the United States.

International Agreement—A multi-lateral or bilateral agreement, such as a base rights or access agreement, a SOFA, or any other oral or written agreement concluded between authorized representatives of the United States government and one or more foreign governments (including agencies, instrumentalities, and political subdivisions) or an international organization. DoDD 5530.3 and AFI 51-403 specify the requirements for negotiating and concluding international agreements.

In-Theater Air Force Headquarters—The Numbered Air Forces, Major Command, or Air Force Headquarters of a Geographic Combatant Command that has tactical control over Air Force personnel in a specific area of responsibility.

Investigation Plan—A plan prepared by appropriate DoD health evaluation authorities that describes the data and investigative steps necessary to produce a health impact assessment. The plan is designed to provide the technical data necessary for the assessment and addresses what data is sought, how it is sought, and when it is sought in order to ensure that an investigation is conducted in stages to avoid engaging in unnecessary investigation. See DoDI 4715.08.

Lead Environmental Component—The Secretary of a Military Department, Combatant Commander, or Sub-unified Commander associated with DoD installations in specific foreign countries and specifically designated by OUSD(A&S) to execute various environmental compliance and remediation responsibilities prescribed by DoDI 4715.05 and DoDI 4715.08. DoDI 4715.05 authorizes the Secretary of a Military Department to delegate assigned Lead Environmental Component responsibilities through the chain of command to an appropriate general officer-level commander. See DoDI 4715.05.

Major Action—An action of considerable importance involving substantial expenditures of time, money and resources that affects the environment on a large geographic scale or has substantial environmental effects on a more limited geographical area, and that is substantially different or a significant departure from other actions previously analyzed with respect to environmental considerations and approved. See 32 CFR Part 187.

Natural Infrastructure—Combined natural resource elements used at an installation, e.g. water, air shed, airspace, open space, flora, and fauna.

Overseas—A geographic area located outside the jurisdiction of the United States, which includes land and associated territorial seas, contiguous zones, and exclusive economic zones of the United States; an area outside the United States (e.g., a foreign nation).

Overseas Environmental Assessment—A brief and concise statement that provides sufficient information to enable Air Force leadership to decide whether or not the proposed action is a major action, is a federal action, and will significantly harm the environment of the global commons. The Overseas Environmental Assessment is prepared by the Air Force unilaterally.

Overseas Environmental Baseline Guidance Document (DoD 4715.05-G)—A set of objective criteria and management practices designed to protect human health and the environment. It reflects generally accepted federal environmental standards that apply to DoD installations, facilities, and actions in the United States. It incorporates environmental requirements of United States law that apply overseas. See DoDI 4715.05.

Overseas Environmental Impact Statement—A statement of the environmental effects of the proposed action on the global commons and the reasonable alternatives. The Overseas Environmental Impact Statement is a concise document prepared by the Air Force unilaterally and will enable the appropriate decision-maker to be informed of pertinent environmental considerations prior to issuing their formal Overseas Record of Decision.

Overseas Record of Decision—A document that states the EIAP decision made, describes the environmental factors considered, the preferred plan, and the alternatives considered in the Overseas Environmental Impact Statement.

Proponent—Any office, unit, or activity at any level of command that initiates Air Force actions. This responsibility can be assigned to an installation or Major Command by an appropriate higher authority. See 32 CFR Part 989.3(d).

Protected Global Resource—A natural or environmental resource of global importance designated for protection by the President or, if the resource is protected by an international agreement, is binding on the United States and designated for protection by the United States Secretary of State. See 32 CFR Part 187.

Remediation—A process that starts with an investigation of environmental contamination to determine whether a substantial impact to human health and safety exists or if a standard from an international agreement was exceeded; and if so, those subsequent measures that are taken to mitigate the impact or address international agreement obligation. It does not include responding to a spill. See DoDI 4715.08.

Risk—Actual or potential threat of adverse effects on living organisms and the environment by effluents, emissions, wastes, resource depletion, etc., arising out of an organization's activities.

Risk Management—A process that assists organizations and individuals in making informed risk decisions in order to reduce or offset risk, thereby increasing operational effectiveness and the probability of mission success. See DoDI 6055.01, *DoD Safety and Occupational Health (SOH) Program*.

Spill—Release of contamination into the environment that is addressed contemporaneously (e.g., within days or weeks of the release). See DoDI 4715.08.

Substantial Impact to Human Health and Safety—A level of human exposure that is occurring, or is about to occur within the next 3 to 5 years, and exceeds a generally established, published, and applied federal standard in the United States. See DoDI 4715.08.

Theater—Geographical area for which a commander of a Geographic Combatant Command has been assigned responsibility. See JP 1.

Theater of Operations—Operational area defined by the geographic combatant commander for the conduct or support of specific military operations. See JP 3-0.

United States Air Forces Central—Air and Space Component of the United States Central Command.

United States Air Forces North—Air and Space Component of the United States Northern Command

United States Air Forces South—Air and Space Component of the United States Southern Command.

United States—The several States, District of Columbia, Commonwealths of Puerto Rico and Northern Mariana Islands, American Samoa, Guam, Midway and Wake Islands, United States Virgin Islands, any other territory or possession of the United States, and associated navigable waters, contiguous zones, and ocean waters of which the natural resources are under the exclusive management authority of the United States. See DoDI 4715.05, DoDI 4715.08, and DoDD 3000.10.