

**Sustainable Range Program Environmental Activities Matrix (Phase 1)  
OACSIM Responsibilities**

Environmental Sustainability Requirement	Environmental Program		Facilities		
	Conservation (MDEP: VENN)	Operational Range Environmental Compliance <i>(includes Compliance Cleanup Activities)</i> (MDEPs: VENC and VEMR as appropriate)	Sustainment (MDEP: QRPA)	Restoration & Modernization (MDEPs: E315, ERVT, QLPR, QPSM, VTER, DA30, and DA3S as appropriate)	Real Property Services (MDEP: QDPW)
<b>Overall Program Responsibility for Range Sustainment</b>	Enable the Army mission by funding characterization, monitoring, compliance, and continuing oversight of installation natural and cultural resources. Exercise stewardship of natural and cultural resources by facilitation of the planned management of natural and cultural resources, via the Integrated Natural Resources Management Plan (INRMP) and Integrated Cultural Resources Management Plan (ICRMP). This is accomplished in coordination with facility managers, trainers and other land users, through implementation of projects that help preserve, maintain, repair, and improve natural and cultural resources for sustaining mission requirements.	Enable the Army mission by funding implementation of legally mandated actions to protect and enhance environmental media from the negative effects of pollution and human alteration and allow sustained access to and use of operational ranges to meet doctrinal training requirements.	Enable the Army mission by funding the sustainment of range facilities in good working order to meet long-term doctrinal training requirements.	Restoration is work to restore failed or failing facilities, systems, and components damaged by lack of sustainment, excessive age, fire, storm, flood, freeze, or other natural occurrences. Improves facilities to current standards.  Modernization adapts facilities to meet new standards and includes the erection, installation, or assembly of a new real property facility; the addition, expansion, extension, alteration, conversion, or complete replacement of an existing real property facility.	Provide for those activities of an installation support nature. Includes those support elements and services identified as indirect overhead by Headquarters, Department of Army (HQDA) and grounds maintenance activities. This includes the abatement and disposal of building hazardous waste resulting from the performance of real property services.

**Sustainable Range Program Environmental Activities Matrix (Phase 1)  
OACSIM Responsibilities**

Environmental Sustainability Requirement	Environmental Program		Facilities		
	Conservation (MDEP: VENN)	Operational Range Environmental Compliance <i>(includes Compliance Cleanup Activities)</i> (MDEPs: VENC and VEMR as appropriate)	Sustainment (MDEP: QRPA)	Restoration & Modernization (MDEPs: E315, ERVT, QLPR, QPSM, VTER, DA30, and DA3S as appropriate)	Real Property Services (MDEP: QDPW)
<b>Air Emissions</b>					
Other Air Emissions From Training and Range Operations (Toxics Release Inventory [TRI] considerations, Volatile Organic Compounds [VOCs], Open Burning/Open Detonation [OB/OD], constituents)	Monitor the impacts of range-related air emissions on listed or proposed threatened and endangered species. Facilitate issue resolution when required to protect the species.	Installation-wide air-emissions inventories that include training, range operations, prescribed burning, and range modernization. Planning and implementation of emission controls from point and mobile sources on ranges to achieve compliance with new or more stringent legal environmental requirements. Environmental compliance requirements such as air monitoring equipment, studies, surveys, and sampling related to specific statutory requirements on ranges and training areas, permits or compliance agreements. Includes equipment, manpower and other resources necessary to comply with the Emergency Planning and Community Right-to-Know Act TRI. Activities to reduce or eliminate air emissions. Implementation of emission controls does not include major infrastructure or equipment modifications.	None.	None.	None
<b>Sedimentation and Soil Erosion</b>					
Excessive Soil Erosion/Sedimentation	Installation-wide planning for soil stabilization and erosion control to ensure no net loss in the capability of military installation lands in order to support the military mission (e.g., soils section of the INRMP, planning level surveys). Implementation of projects to characterize impacts to Threatened and Endangered Species (TES). Installation-wide consultation and monitoring to mitigate impacts to TES and Cultural Resources.	Permits and monitoring required by compliance with Clean Water Act (CWA) Section 319 and related State or local regulations. Development of installation-wide stormwater surveys and stormwater pollution prevention plans. Environmental funds do not pay for compliance issues that result from inadequate design, lack of and/or improper sustainment, restoration, or maintenance of real property.	Sustainment of paved and unpaved roads, including roads in the range complex. Sustainment of all installation training areas and ranges to prevent excessive soil erosion/sedimentation.	Restoration of paved and unpaved roads, including roads in the range complex. Restoration of all installation training areas and ranges to prevent excessive soil erosion/sedimentation.	Management of ponds, lakes, streams, swamps and estuaries and ranges and maneuver areas. Planting vegetation and utilization of structural measures and non-vegetative surface treatments to control dust, natural erosion (excluding erosion caused by maneuver training damage), and surface water on ranges and maneuver areas (excludes impact areas).

**Sustainable Range Program Environmental Activities Matrix (Phase 1)  
OACSIM Responsibilities**

Environmental Sustainability Requirement	Environmental Program		Facilities		
	Conservation (MDEP: VENN)	Operational Range Environmental Compliance <i>(includes Compliance Cleanup Activities)</i> (MDEPs: VENC and VEMR as appropriate)	Sustainment (MDEP: QRPA)	Restoration & Modernization (MDEPs: E315, ERVT, QLPR, QPSM, VTER, DA30, and DA3S as appropriate)	Real Property Services (MDEP: QDPW)
<b>Water Quality Issues</b>					
Sanitary Sewer and Grey Water Generation and Disposal Issues From Field Services (e.g. food prep, latrines, field showers, laundry)	Initial development and periodic update of installation Surface Water Planning Level Survey. Oversight of impacts of water pollution from range activities on listed or proposed TES. Facilitate issue resolution when required to protect the species.	Permitting and monitoring required by compliance with CWA, Safe Drinking Water Act (SDWA), and related State or local regulations on ranges and training areas. Development of installation-wide stormwater surveys and stormwater pollution prevention plans. Environmental funds do not pay for compliance issues that result from inadequate design, lack of and/or improper sustainment, restoration, or maintenance of real property.	Sustainment of all real property assets supporting the range operations. Sanitary Sewer and Grey water generation and disposal included in the Real Property Inventory (e.g. wash racks, permanent structures, field showers, potable/non-potable water, etc.). Includes facility/infrastructure upgrades and/or replacements to comply with new or more stringent legal environmental requirements or to bring a system back into compliance with environmental regulations.	Improvements to fix design flaws. Restoration and Modernization of all real property supporting the range operations sanitary and Grey water generation and disposal while complying with existing environmental regulations.	Provides real property services supporting on-going range operations (e.g. servicing vault latrines). Range mission funding reimburses the Real Property Services (RPS) account for RPS support (e.g. vault latrines) for special events or temporary ranges.
Wetlands/Riparian Areas Impacts From Training or Range Construction and/or Impacts to Training (includes §§ 401 & 404 and Special Use permits) .	Development of the wetland planning level survey and wetland management portion of the INRMP. Consult with regulatory agencies when required due to proponent actions.  Write and submit sections 401 and 404 permit or special use permit applications and jurisdictional surveys for construction projects. Includes one-time wetlands mitigation costs (including related project design) necessary for approved MILCON projects; excludes Base Realignment and Closure (BRAC) funded MILCON actions.  Monitor wetland functions and values as required.	Monitoring and permitting of wetlands used for the treatment of stormwater or wastewater only when required under the CWA.	None.	None.	Protection and development of ponds, lakes, streams, swamps, and estuaries for training areas and ranges. Planting vegetation and utilization of structural measures and non-vegetative surface treatments to control dust, erosion, and surface water on maneuver areas and ranges. Does not include initial cost of constructing wetland mitigation site. Includes management of wetlands used for the treatment of stormwater or wastewater.

**Sustainable Range Program Environmental Activities Matrix (Phase 1)  
OACSIM Responsibilities**

Environmental Sustainability Requirement	Environmental Program		Facilities		
	Conservation (MDEP: VENN)	Operational Range Environmental Compliance <i>(includes Compliance Cleanup Activities)</i> (MDEPs: VENC and VEMR as appropriate)	Sustainment (MDEP: QRPA)	Restoration & Modernization (MDEPs: E315, ERVT, QLPR, QPSM, VTER, DA30, and DA3S as appropriate)	Real Property Services (MDEP: QDPW)
<b>Hazardous Waste Issues</b>					
Characterization and Response to Contaminated Soils (and other media) From Substances Other Than Munitions and Explosives of Concern	Monitor the impacts of contaminated soils on listed or proposed TES. Facilitate issue resolution when required to protect the species.	Assessments and Findings for Determination of Eligibility (similar to Preliminary Assessments/Site Inspections) to determine whether there is a release or potential release and the nature of any associated threat. Conduct cleanup necessary to maintain operations or protect human health and safety.  Purchase or retrofit and installation of monitoring equipment, if required. Includes sampling, collection and analysis of other field data to determine if further action or investigation is appropriate.	Berm maintenance to maintain consistency with original design specifications. Although the sustainment requirement does not currently include lead removal, the funding for sustainment can be used for lead removal.	None.	None.
Hazardous Waste Storage	None.	Cost to accumulate, store, manage, characterize, and collect data of hazardous wastes at garrison-operated storage facilities prior to off-site treatment and disposal. Environmental funds do not pay for compliance issues that result from inadequate design, lack of and/or improper sustainment, restoration, or maintenance of real property.	Maintenance of hazardous waste storage facilities (included in IFS under CATCD: 44228), excluding permit required specialized hazardous waste handling equipment within the facility. Includes facility/infrastructure upgrades and/or replacements to comply with new or more stringent legal environmental requirements or to bring a system back into compliance with environmental regulations.	Improvements to fix design flaws. Restoration and Modernization of all real property supporting hazardous waste storage while complying with existing environmental regulations.	None.

**Sustainable Range Program Environmental Activities Matrix (Phase 1)  
OACSIM Responsibilities**

Environmental Sustainability Requirement	Environmental Program		Facilities		
	Conservation (MDEP: VENN)	Operational Range Environmental Compliance <i>(includes Compliance Cleanup Activities)</i> (MDEPs: VENC and VEMR as appropriate)	Sustainment (MDEP: QRPA)	Restoration & Modernization (MDEPs: E315, ERVT, QLPR, QPSM, VTER, DA30, and DA3S as appropriate)	Real Property Services (MDEP: QDPW)
<b>Natural Resource Issues</b>					
Threatened and Endangered Species Conservation, Impacts, and Encroachment Mitigation	<p>Serve as the integrators of TES issues on the installation. Consultation, monitoring, planning, and implementation of projects to characterize and mitigate impacts of on-going operations, maintenance, and training on listed or proposed TES, when such projects are required by formal and informal agreement or determined by HQDA to be necessary to avoid species listing, critical habitat designation, taking or jeopardy.</p> <p>Also included are projects to establish programs to conserve listed/proposed species such as TES planning level surveys and their updates.</p> <p>Includes one-time TES mitigation costs (including related project design) necessary for approved MILCON projects; excludes BRAC funded MILCON actions.</p> <p>State Listed Species. The Department of Army is not subject to complying with state species laws unless the federal government has waved its sovereign immunity on this matter.</p>	None.	None.	None.	None.
Invasive Species & Noxious Weeds Management	Identify, monitor and planning as a component of the Integrated Pest Management Plan (IPMP) and INRMP. Includes identification of invasive species and noxious weeds as part of the Conservation Program funded planning level surveys.	None.	None.	None.	Develop and implement integrated open space and building/facility pest management strategies. Includes personnel to conduct pest surveillance, identification, breeding site removal, pesticide applications and other required actions. Also includes mowing, prescribed burning, and application of herbicides to control weeds (to include invasive species & noxious weeds), brush, vegetative fire hazards and poisonous plants on training areas and ranges.

**Sustainable Range Program Environmental Activities Matrix (Phase 1)  
OACSIM Responsibilities**

Environmental Sustainability Requirement	Environmental Program		Facilities		
	Conservation (MDEP: VENN)	Operational Range Environmental Compliance <i>(includes Compliance Cleanup Activities)</i> (MDEPs: VENC and VEMR as appropriate)	Sustainment (MDEP: QRPA)	Restoration & Modernization (MDEPs: E315, ERVT, QLPR, QPSM, VTER, DA30, and DA3S as appropriate)	Real Property Services (MDEP: QDPW)
<b>Natural Resource Issues (cont'd)</b>					
Impacts and Mitigation for Reimbursable/Fee Natural Resource Programs (Forestry, Ag Grazing/Outlease, Hunting & Fishing Fee )	These programs are intended to offset all costs allowable by law associated with program execution at installation level. Reimbursable programs pay for cultural inventories at sites that their activities may impact.	None.	None.	None.	Administration of agriculture and grazing leases and management expenses for forest areas, except for responsibilities under Conservation.
Fish & Wildlife Management (does not include TES)	Serve as subject matter experts of fish and wildlife management activities. Facilitate the integration of various installation proponents planned actions through projects that support ecosystem management and biodiversity; to include the establishment of hunting and fishing harvest limits and planning level surveys (i.e. Flora, Fauna, and Vegetation Communities). Manage Army species at risk as determined by HQDA to be necessary to avoid species listing, critical habitat designation, taking or jeopardy.	None.	None.	None.	Funds for protection and development of land, water, and renewable natural resources; fish and wildlife habitats; training areas and ranges, administration of agriculture and grazing leases and management expenses for forest areas, except for responsibilities under Conservation.
Managing Wildland Fires (establish and maintain fire breaks, conduct prescribed burns, and wildland fire fighting/suppression)	Plan, through the INRMP, monitor and implement projects that manage wildland fire for the purpose of ecosystem management, and for the protection or benefit of listed or proposed TES.	None.	None.	None.	Mowing, prescribed burning and application of herbicides to control weeds, brush, vegetative fire hazards and poisonous plants on small arms ranges, maneuver areas, and artillery ranges. Wildland fire prevention, response, and control of fires when necessary to protect people, property, equipment or mission capability of all facilities on Army installations. Includes maintenance of established fire breaks.

**Sustainable Range Program Environmental Activities Matrix (Phase 1)  
OACSIM Responsibilities**

Environmental Sustainability Requirement	Environmental Program		Facilities		
	Conservation (MDEP: VENN)	Operational Range Environmental Compliance <i>(includes Compliance Cleanup Activities)</i> (MDEPs: VENC and VEMR as appropriate)	Sustainment (MDEP: QRPA)	Restoration & Modernization (MDEPs: E315, ERVT, QLPR, QPSM, VTER, DA30, and DA3S as appropriate)	Real Property Services (MDEP: QDPW)
Other Issues					
Access Controls (Security)	Consult with regulators/stakeholders concerning access (by military and non-military personnel) issues related to historic properties, sacred sites, and TES.	None.	Sustainment of facilities for the enclosure of land parcels for both security and decorative purposes and facilities providing protection and over-watch of land parcels (e.g. entry gates and secured areas) Includes facility/infrastructure upgrades and/or replacements to comply with new or more stringent legal environmental requirements or to bring a system back into compliance with environmental regulations.	Restoration and Modernization of all real property supporting access controls while complying with existing environmental regulations	None.
Statutory and Regulatory Compliance for Historic Buildings and Structures, Archeological Sites, and Sites of Traditional or Religious Importance to Native Americans	<p>Develop the ICRMP. Complete cultural resources inventories, preliminary determination of eligibility for listing in the National Register of Historic Places, and an in-house determination of whether these properties or sites are ineligible or potentially eligible for listing of Army managed lands when ongoing training, or other installation support activities could affect significant cultural resources. Includes one-time historic properties mitigation costs (including related project design) necessary for approved MILCON projects; excludes BRAC funded MILCON actions.</p> <p>Consult with regulators and stakeholders on actions that may affect cultural sites. Ensure that consultations with Federally recognized Indian tribes are conducted on a government-to-government basis. Coordinate with installation users to ensure their activities comport with the installation ICRMP, and all applicable laws, regulations, and signed Memorandum of Agreements.</p> <p>Execute Army responsibilities pursuant to the Native American Graves Protection and Repatriation Act (NAGPRA).</p>	None.	None.	None.	None.

**Sustainable Range Program Environmental Activities Matrix (Phase 1)  
OACSIM Responsibilities**

Environmental Sustainability Requirement	Environmental Program		Facilities		
	Conservation (MDEP: VENN)	Operational Range Environmental Compliance <i>(includes Compliance Cleanup Activities)</i> (MDEPs: VENC and VEMR as appropriate)	Sustainment (MDEP: QRPA)	Restoration & Modernization (MDEPs: E315, ERVT, QLPR, QPSM, VTER, DA30, and DA3S as appropriate)	Real Property Services (MDEP: QDPW)
Other Issues (cont'd)					
Resource Conservation and Recovery Act - Subtitle D (RCRA - D) Solid Waste Reduction, Diversion and Operations	None.	Cost of activities to achieve compliance with the Resource Conservation and Recovery Act (RCRA) - Subpart D and other applicable Federal, state, local, and host nation or Final Governing standards for solid waste management. Includes compliance costs for permits, studies, assessments, audits and solid waste management plans. Excludes facility or infrastructure upgrades, replacements or maintenance to comply with new or more stringent legal environmental requirements or to bring a system back into compliance with environmental regulations.	Sustainment of all real property supporting collection and disposal of solid waste. Includes facility or infrastructure upgrades, replacements or maintenance to comply with new or more stringent legal environmental requirements or to bring a system back into compliance with environmental regulations.	Restoration and Modernization of all real property supporting collection and disposal of solid waste while complying with existing environmental regulations	Collect and dispose of solid waste by all methods, including contracts. Provide for recycling collection and transportation; operation and maintenance of Army-owned recovery/recycling centers, drop-off points and associated equipment. Includes all costs associated with source separation of recyclable materials for the purposes of sale for recycling; and sale of salvage by Defense Reutilization and Marketing Offices (DRMO). Provide design, construction, management, operation, inspection and closure (to include preparation of closure plans) of Army-owned landfills and associated facilities for municipal solid waste, construction/demolition debris and other RCRA - D permitted waste. Ensure sanitary condition of facilities, equipment and containers. Does not include activities associated with RCRA - C hazardous waste.