

## **Summary of Changes**

1. Purpose – clarified execution includes both military and non-military activities
2. References – added new information and checked for accuracy. Appendices now includes Environmental Authorizes, Conditional Use Areas, and Contact Information.
3. Applicability – slight modification for clarification
4. Responsibility – separate responsibilities between Leaders and supervisors from the Environmental Division
5. Environmental Coordination – updated to reflect current procedures, contact information, and timelines.
6. General Requirements – updated to current day environmental requirements, best management practices and procedures. Originally 32 items. Expanded into 42 items. Clarifications to existing requirements as well as new topics added such as environmental awareness training, hunting, seasonal restrictions for vegetation removal, outdoor lighting, wildlife exclusions, and nuisance animal management.
7. Prohibited Use Areas - relabeled as Conditional Use Areas, and moved into an Appendix B.
8. Monitoring and Surveillance – renumbered as section 7. Appendix C provided Environmental Cost Estimates was deleted.

Appendix A, Environmental Authorities – updated list of environmental authorities

Appendix B, Conditional Use Areas – no longer Prohibited Use Areas. Areas once listed as prohibited use, are not prohibited, rather the ability to use has extensive requirements which make use less desirable and costly, but not impossible.

Appendix C, Contact Information – Centralized contact information provided in the General Requirements section, rather than repeating every couple of bullets.



Directorate of Public Works

**The White Sands Missile Range  
Environmental Protection During  
Military & Non-Military Activities**

Headquarters

White Sands Missile Range

White Sands Missile Range, NM

Date: 6 April 2023

UNCLASSIFIED

**DEPARTMENT OF ARMY  
U.S. ARMY WHITE SANDS MISSILE RANGE  
WHITE SANDS MISSILE RANGE, NEW MEXICO**

**WSMR REGULATION 200-2**

**ENVIRONMENTAL PROTECTION DURING  
MILITARY AND NON-MILITARY ACTIVITIES**

**1. PURPOSE.** This regulation is to ensure that all environmental laws and regulations are followed to protect the environment on White Sands Missile Range (WSMR) and associated lands managed by WSMR. Environmental requirements are specified to minimize environmental impacts while executing military and non-military activities, referred to as activities.

**2. REFERENCES.**

- a. Appendix A, Environmental Authorities
- b. Appendix B, Conditional Use Areas
- c. Appendix C, Contact Information

**3. APPLICABILITY.** This regulation applies to all units, organizations, tenants, and activities. The provisions are applicable to all service members, and civilian employees, contractors, family members, residents, and visitors (non-service members) present on WSMR. The Environmental Division works to ensure compliance with environmental requirements through the provisions of this regulation. Environmental Division may refer violations to military commands, prosecutors, law enforcement, and regulatory agencies for criminal or civil action under applicable laws. Costs of the investigation, enforcement, and remediation of environmental violations may be charged to organizations and individuals responsible for causing them.

a. The portions of paragraph six marked with an asterisk (“\*”) and bolded are a defense property security regulation within the meaning of Title 50, United States Code (USC), Section 797, issued by the Commanding General under the authority of Department of Defense Instruction 5200.08. Persons other than those subject to the Uniform Code of Military Justice who violate the provisions of this regulation are subject to fines and/or imprisonment, as well as adverse administrative action.

b. The portions of paragraph six of this regulation marked with an asterisk (“\*”) and bolded are punitive. Service members who violate this regulation are subject to disciplinary action or prosecution under the Uniform Code of Military Justice.

**4. RESPONSIBILITIES.**

a. Leaders and supervisors will:

- (1) Ensure military and non-military activities adhere to the requirements of this regulation.

- (2) Ensure proposed activities undergo environmental review.
- (3) Report environmental incidents to the Directorate of Public Works Environmental Division and the WSMR sponsor within 24 hours of an incident.
- (4) Provide this regulation to service members, civilian employees, contractors, and visitors before implementation of proposed activity.
- (5) Complete an environmental inspection of designated areas of use following military ground operations, if identified as a requirement in the approved environmental review. The Range Sponsor or the Sponsored Unit who leaves their designated areas of use in poor condition with negative findings will be responsible for corrective measures and repair cost.

b. Environmental Division will:

- (1) Update this regulation and serve as the point of contact.
- (2) Coordinate with local, state, federal and tribal governments, and civilian agencies to fulfill environmental requirements addressed by this regulation.
- (3) Maintain a list of Conditional Use Areas (Appendix B), and geospatial data of environmental constraints in the WSMR Geographic Information System.

**5. ENVIRONMENTAL COORDINATION.** Before service members, civilian employees, and contractors implement activities, all aspects of execution will be subject to an environmental review. Early level planning efforts are screened for potential environmental impacts through communication with Environmental Officers, review of Directorate of Public Work service requests, Master Planning processes, annual work plans, or various planning-level charrettes. The proponent, WSMR sponsor or representative starts the environmental review process by submitting a project action description to the Environmental Division. Environmental screening criteria identified in 32 CFR Part 651 is applied to determine the level of environmental analysis required by the National Environmental Policy Act (NEPA).

- a. Contact the Environmental Division to obtain guidance specific to environmental requirements. Appendix C provides contact information.
- b. Contact the Environmental Division for guidance on how to submit proper documentation for an environmental review.
- c. The Environmental Division will assist proponents in finding suitable locations for planned activities.

d. Proponents should contact the Environmental Division with mission requirements preferably 90-days prior to implementation. The complexity of a project could require more time. Providing enough time to evaluate potential environmental impacts prior to implementation may prevent delays.

e. The environmental review process may take a minimum of four (4) weeks to complete when supporting environmental documentation is adequate.

f. Compliance with federal, state, or Army environmental requirements can extend the timeframe for completing the environmental review process. Appendix A, Environmental Authorities, provides a list of commonly used legal drivers considered at White Sands Missile Range. Time needed to coordinate and obtain project specific details may dictate the amount of effort required to acquire environmental approval. For example, preparing an environmental assessment may take up to 12 months; determining eligibility of a historic property may take up to 24 months; or completing biological surveys are seasonal.

g. If a proponent fails to contact the Environmental Division early in the planning process, implementation may be delayed until certain environmental requirements or processes are completed.

h. The environmental review process is only one of many processes that might be required, depending on the proposed action. Some actions may require coordination with other functional units at White Sands Missile Range.

## **6. GENERAL REQUIREMENTS.**

a. Personnel must complete Environmental Awareness Training. Understanding how to comply with environmental requirements is key to minimizing potential damages to the environment without incurring damages or costs for repairs. Watching an Environmental Awareness Video or scheduling a face-to-face brief with the Environmental Division can satisfy the training requirement. Appendix C, Contact Information, provides information on how to complete this requirement. A list of attendees with the unit's name and date briefed should be provided to the Environmental Division.

**b. \*Hunting on WSMR will only occur in accordance with the Garrison Policy, "White Sands Missile Range Installation Hunting Program". This guidance identifies hunting requirements and restrictions specific to WMSR. Garrison policy is not an official reference to state hunting rules.**

**c. Do not harass, collect, possess, harm, disturb, or destroy any wildlife or their parts to include but not be limited to snakes, bats, birds, nests, eggs, or nestlings. Contact the Environmental Division to assist with nuisance, injured or dead wildlife.**

- d. **\*Seasonal restrictions apply to vegetation removal. Vegetation must be surveyed for nesting migratory birds during nesting season (at a minimum, 1 March through 31 August, and may vary by species and due to annual climate conditions). Nest surveys will be completed following standards identified by the Environmental Division. If nestlings are in the affected area, then project implementation may be required to wait until nestlings have fledged. The Environmental Division will determine if any federal permits are required.**
- e. **\*Vegetation removal may be prohibited in areas with state or federally protected plant species. Methods should follow best management practices approved by the Environmental Division to prevent take of migratory birds, prevent injury to trees or bushes, and minimize soil erosion. The Environmental Division must approve use of vegetation (live or dead) for camouflage, concealment, or firewood.**
- f. **\*Outdoor lighting must include mitigations to avoid and minimize 'take' (injury or death) of migratory birds in accordance with the Memorandum of Understanding between the U.S. Department of Defense and the U.S. Fish and Wildlife Service to Promote the Conservation of Migratory Birds, New Mexico Dark Sky requirements and DoD Uniform Facility Criteria. Power poles must be designed or retrofitted to be raptor safe.**
- g. Bat exclusions are permissible to prevent negative interactions between animals and humans. Coordination with the Environmental Division is required. Seasonal restrictions may apply.
- h. Use of ultrasonic deterrents to keep pests such as bats, rodents, or insects, out of buildings is prohibited.
- i. Release of unwanted domestic pets or animals (e.g., birds, reptiles, amphibians, dogs, and cats) is prohibited.
- j. Disclose the use of working domestic animals through the environmental review process, such as those used for public event or military operation. Proof of current vaccination status will be required to ensure the safety of humans and wildlife.
- k. **\*Pet owners who live within Residential Communities Initiative (RCI) Army's privatized housing are responsible for ensuring their pets are up to date with all required vaccinations to ensure the safety of humans and wildlife and reduce the spread of zoonotic diseases. This includes domestic pets, working animals and hunting dogs. Core vaccinations are as follows: DOGS: canine parvovirus, distemper, hepatitis and rabies; CATS: feline distemper (*panleukopenia*), respiratory virus (*calicivirus*), herpesvirus type I (*rhinotracheitis*) and rabies.**
- l. Domestic outdoor cats are prohibited in RCI privatized housing and all work facilities on WSMR. This is to prevent spread of zoonotic diseases, feral cat colonies, and to protect migratory birds and other protected wildlife species of concerns from predations.

m. Wildlife feeding and watering is prohibited whether intentional (e.g., providing direct handouts) or negligently (e.g., unintentionally leaving wildlife attractants such as uneaten pet food outside or food trash available). Exceptions include backyard bird feeding in RCI and the Environmental Division's pollinator garden located at Building 163. Any other exceptions require consideration through the environmental review process. All food and water sources in these areas must be sanitized on a regular basis to prevent spread of disease. If backyard bird feeders begin to attract unwanted nuisance wildlife (e.g., bobcats, coyotes, skunks, raccoons, squirrels, etc.), then attractants will be removed.

n. **\*Surface water withdrawal or ground water extraction from White Sands pupfish habitat is prohibited. Removal of water from other WSMR water sources requires prior approval through the environmental review process. Metering water use and water rights could apply which is managed through the Directorate of Public Works.**

o. Wire used in the field, to include but not limited to C-wire, will be coiled and inspected regularly. Wire must not be deployed any longer than necessary for an activity. Unused wire will be stored in a secure manner that prevents wildlife injury. The wire must be removed from the field environment as soon as practical.

p. Activities involving ignition source that may cause a fire, such as pyrotechnics, fireworks, small campfires or open pit fires, portable heater units or contained barbeque have specific restrictions and require coordination with the Fire and Emergency Directorate. An environmental review is required to determine environmental conditions of use and may have additional environmental restrictions when hazardous conditions exist.

q. **\*Excavations of any type, including mechanical movement of soil resulting in a scrape, divot, or hole must be pre-approved. The proponent or representative will obtain a dig permit from the Directorate of Public Works, Business Operations and Integration Division.**

r. **Collection and/or removal of artifacts is prohibited which includes historic and prehistoric items such as pottery sherds, arrowheads/points, bottles as well as historic military objects/debris.**

s. **\*Excavating in or driving through known archaeological sites is prohibited without prior approval by Environmental Division. Cultural survey and/or site evaluation may be required. Removal or collection of mineral samples, fossils or other paleontological resources is prohibited without approval from the Environmental Division and will be disclosed through the environmental review process.**

t. **\*If cultural artifacts or human remains are discovered on or below the soil surface, all activities will stop. The Environmental Division will be contacted immediately, providing location information. If human remains are discovered, all work at the location will be suspended until federal compliance obligations (i.e., Native American Graves Protection and Repatriation Act) are met to include consultation with Native American tribes if required.**



**The Environmental Division, Conservation Branch will coordinate with Tribal organizations.**

**u. \*Operation of vehicles and equipment will occur in authorized areas only. Off-road vehicular use may occur in designated areas when coordinated through the environmental review process.**

**v. \*Convoys and military supply routes will use designated transportation corridors.**

**w. Do not hide, dump, bury or burn any trash. All trash must be collected, placed in designated dumpsters or other approved trash containers with lids. Some locations may require bear-safe dumpsters or hauling trash out daily to prevent nuisance wildlife issues.**

**x. \*Mission activities, training and testing operations, or support activities will not occur within the vicinity of artificial wildlife water developments, arroyos (wet or dry), creeks, springs, riparian areas, playas, and lakebeds without prior approval by the Environmental Division.**

**y. \*Turn in aerosol cans (empty or partially full) to the Hazardous Material Facility (Hazmart).**

**z. \*Turn in unused hazardous material in its original container to the Hazmart for possible reuse.**

**aa. \*Turn in empty metal hazardous material containers to the Hazmart.**

**bb. \*Satellite accumulation points (SAP) must be pre-approved by the Environmental Division, properly managed, and maintained. SAP training is required. Coordinate with the WSMR sponsor, organization environmental officer to set up a temporary SAP.**

**cc. \*Accumulate all hazardous waste, such as spent solvents in properly labeled DOT-approved containers at approved SAPs.**

**dd. Contact the Hazardous Waste Management Center for assistance with all hazardous waste disposal. The Environmental Division Hazardous Waste Program Manager and Alternate are the only persons authorized on WSMR to sign manifests to transport hazardous waste to an approved disposal facility.**

**ee. \*Un-activated flameless ration heaters (FRH), used with meals ready-to-eat (MRE), will be turned in to the Hazardous Waste Management Center for disposal when no longer serviceable. Activated FRHs as well as MREs can be disposed of as trash.**

ff. **\*Used oil and other used petroleum, oils, and lubricants (POL) products, e.g., engine and transmission oils, will be collected in properly labeled and approved containers. Used oil will be recycled through the Hazardous Waste Management Center.**

gg. Recycle scrap metal at the WSMR scrap metal yard.

hh. Recycle paper, clean plastics, clean cans and flattened cardboard at blue recycle bins located throughout Main Post.

ii. **\*No unit, activity, or organization can store used tires on WSMR. All tires must be taken to the centralized tire storage location at the parking lot of building 1794 on the day the used tire(s) are produced/generated.**

jj. **\*The operator of the centralized tire storage location will ensure that pick-up and disposal arrangements are made and completed so that the centralized tire storage location never has more than the 100-tire regulatory limit at any time.**

kk. **\*Store all fuel cans, hazardous materials, and hazardous waste in secondary containment.**

ll. Drip pans are required under all tactical vehicles, field equipment, fuel pods, and non-self-contained generators.

mm. **\*Clean up oil and hydraulic fluid spills immediately with absorbent. Report all spills, such as POL, wastewater, etc., to the WSMR Fire Department and the Environmental Division.**

nn. Vehicles used as stationary targets or simulated training aids will have all POL removed prior to use on WSMR. The Environmental Division may require a visual inspection of the vehicle(s). Responsible organizations will label vehicles with their unit contact information. The Installation Safety Office Radiation Safety Section may need to screen vehicles for radioactive material. Responsible organizations will be charged for clean-up of any spills.

oo. **\*Follow Garrison Policy on "Managing Wastewater Discharges on WSMR" for guidance on disposal of water waste generated from industrial activities (i.e., boilers/coolers, military testing, laboratories, carwashes, or other cleaning), or considered biodegradable (i.e., kitchens, showers, hand wash, etc.). This wastewater will be disposed of at designated locations in coordination with the Environmental Division.**

pp. **\*Latrine waste must be managed and disposed in accordance with the Garrison Policy on "Managing Wastewater Discharges on WSMR". Field pit latrines are not permitted, whereas standalone portable latrines are allowed on WSMR. Waterways will not be a staging place for portable latrines. Upon completion of military and non-military activity waste must be removed from latrines.**

qq. Septic tanks and leach fields are restricted, without going through the environmental review process.

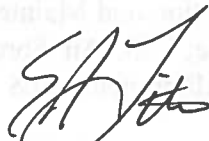
rr. **\*Pesticides used to control unwanted structural pests and landscape weeds, must comply with DoD Instruction 4150.07, DoD Manual 4150.07, Volume 1, and 2. All tenants and contractors who want to apply pesticides on WSMR are required to coordinate with the Integrated Pest Management Coordinator, Army Environmental Command Pest Management Consultant and will be reviewed through the environmental review process.**

ss. Generator use will be coordinated through the environmental review process.

## **7. MONITORING AND SURVEILLANCE.**

a. Organizations, units, personnel, and guests/visitors may be monitored for compliance with terms and conditions of this regulation. Any damage(s) or disturbance will be documented. A notice of violation will be issued. If actions are not corrected through simple means, then responsible parties will pay for repair.

b. Organizations will be held responsible for fulfilling survey requirements and damage assessments. Each organization will be held responsible for damages to cultural sites, natural resources and/or non-compliance with state, federal, and WSMR environmental regulations.



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## **Appendix A. Environmental Authorities**

This list of environmental laws, statutes and regulations is not an all-inclusive list but represents commonly relevant authorities. These authorities are the basis for section 6, General Requirements.

### **Army**

- 32 CFR Part 651, Environmental Analysis of Army Actions
- AR 200-1, Environmental Protection and Enhancement
- TC 3-34.489, The Soldier and the Environment
- WSMR PAM 385-64, White Sands Missile Range Ammunition and Explosives Safety Standards
- WSMRR 70-8, Research, Development and Acquisition. Security, Recovery, Analysis and Disposition of Classified and Unclassified Test Materiel Impacting On-range and Off-range.
- WSMR Garrison Policy Letter, 'Managing Wastewater Discharges on WSMR'
- WSMR Garrison Policy Letter, 'WSMR Installation Hunting Program'
- WSMR Integrated Cultural Resources Management Plan
- WSMR Integrated Natural Resources Management Plan
- Council on Environmental Quality. 'Consideration of Greenhouse Gas Emissions and the Effects of Climate Change in Army National Environmental Policy Act Reviews'
- Cooperative Agreement for Protection and Maintenance of White Sands Pupfish between U.S. Army-White Sands Missile Range; U.S. Air Force-Holloman Air Force Base; National Park Service-White Sands National Monument; U.S. Fish and Wildlife Service; New Mexico Department of Game and Fish
- Cultural Resource Recovery Standard Operating Procedure

### **Department of Defense**

- DoD Instruction 4150.03, Natural Resources Conservation Program
- DoD Instruction 4150.07, Pest Management Program
- DoD Manual 4150.07, Volume 1, Pest Management Program Elements and Implementation: Structure and Operation
- DoD Manual 4150.07, Volume 2, Pest Management Program Elements and Implementation: Pesticide Applicator Training and Certification Program

### **Federal**

- 38 CFR 800, Protection of Historic Properties
- 40 CFR Part 1500-1508, Council on Environmental Quality
- 50 CFR Part 21, Migratory Bird Permits; Authorizing Incidental Take of Migratory Birds

## WSMR Reg 200-2

- 50 USC Sec 797, Penalty for Violation of Security Regulation and Orders
- American Antiquities Act
- American Indian Freedom Act
- Archeological and Historic Preservation Act
- Archeological Resources Protection Act
- Bald and Golden Eagle Protection Act
- Clean Air Act
- Clean Water Act
- Comprehensive Environmental Response, Compensation, and Liability Act
- Emergency Planning and Community Right-to-Know Act
- Endangered Species Act
- Energy Independence and Security Act
- Executive Order 13007, Indian Sacred Sites
- Executive Order 13175, Consultation and Coordination with Indian Tribal Governments
- Executive Order 14008, Tackling the Climate Crisis at Home and Abroad
- Executive Order 14057, Catalyzing Clean Energy Industries and Jobs Through Federal Sustainability
- Federal Insecticide, Fungicide, and Rodenticide Act
- Hazardous Materials Transportation Act
- Interim Empty Nest Policy of the U.S. Fish and Wildlife Service, Region 2
- Memorandum of Understanding between the U.S. Department of Defense and the U.S. Fish and Wildlife Service to Promote the Conservation of Migratory Birds
- Migratory Bird Treaty Act
- National Environmental Policy Act
- National Historic Preservation Act
- Native American Graves and Repatriation Act
- Noise Control Act
- Resource Conservation and Recovery Act
- Safe Drinking Water Act
- Sikes Act

**Appendix B. Conditional Use Areas**

Sensitive areas or activities require additional coordination with the Environmental Division, and may require conditions of use, special permitting, consultation with regulators, or environmental analysis. Here are examples:

- Active land restoration and erosion control areas
- Bat roosts
- Bird nests
- Environmental monitoring sites
- Use of fire and pyrotechnics
- Historic and archeological sites
- Installation restoration areas; includes all waste management units, and monitoring areas
- Landfills
- Military testing and training restrictions
- Mines and caves
- Off limits, sensitive, hazardous, environmental monitoring sites, or restricted access areas marked with Seibert stakes
- Off road maneuvers
- Outdoor lighting
- Septic tanks
- Stationary monitoring equipment, such as trail cameras, field sensors, flow meters, etc.
- Surface water withdraw or activities in water ways such as arroyos (wet or dry), creeks, springs, riparian areas, playas, and lakebeds.
- Todsens Pennyroyal habitat
- Vegetation removal
- Waste management
- White Sands pupfish habitat
- Wildlife exclusions
- Wildlife water developments
- Working domestic animals

**Appendix C. Contact Information**

**Centralized Tire Storage**

Location: Building 1794, Aberdeen Ave.

Telephone: (575) 678-2449

**Directorate of Public Works, Business Operations, and Integration Division (BOID)**

Location: Building 102, Headquarters Ave.

For submission of Service Orders or starting the Dig Permit process:

Telephone: (575) 678-1116

Email: [usarmy.wsmr.sec.list.zo-dpw-service-desk@army.mil](mailto:usarmy.wsmr.sec.list.zo-dpw-service-desk@army.mil)

**Environmental Awareness Training Video**

URL: <https://www.wsmr.army.mil/Pages/EnvironmentalAwarenessBrief.aspx>

**Environmental Division Office**

Location: Building 163, Springfield Ave.

Telephone: (575) 678-2225

Email: [USARMYGarrisonWSMREnvironmentalAssessments@army.mil](mailto:USARMYGarrisonWSMREnvironmentalAssessments@army.mil)

**Environmental Publication Website**

URL: <https://home.army.mil/wsmr/index.php/about/garrison/directorate-public-works-dpw/environmental>

**Hazardous Waste Management Center**

Location: Building 1870, Aberdeen Ave.

Telephone: (575) 678-4641

**Hazmart (Hazardous Material Facility)**

Location: Building 1870, Aberdeen Ave.

Telephone: (575) 678-5719

**WSMR Fire Department**

Location: Main Post, Nike Ave., High Energy Laser System Test Facility, Stallion Range

Telephone: 911 or 678-1234

**WSMR Scrap Metal Yard**

Location: Watertown Ave.

Telephone: (575) 678-3160

