Environmental Procedures
3 April 2024

Table of Contents

1. General 2
2. Environmental Work Plan 3
3. Emergency Spill Response and Petroleum, Oil, and Lubricant (POL) Management 4
4. Erosion Control, Storm Water and Other Surface Water Management 5
4.7 Wetlands, Streams or Other Surface Waters 8
5. Sanitary Sewer 9
6. Waste, Recycling and Hazardous Waste 10
7. Asbestos 12
8. Lead 15
9. Earth Fill and Spoil 16
10. Natural Resources 16
8.8 Threatened and Endangered Species 16
11. Cultural / Historic Resources 19
12. Pesticide Use 20
13. Munitions Construction Support 24
14. Dust Control 24

Attachment 1 – Environmental Work Plan Table of Contents
Attachment 2 – OHARNG Spill Report Form
Attachment 3 - OHARNG Approved Grass Seed Mixes
Attachment 4 - Ohio Army National Guard Weekly Non-Hazardous & Hazardous Waste Inspection/Inventory Sheet
Attachment 5 - Construction/Demolition Diversion and Waste Disposal Form
Attachment 6 - Ohio Army National Guard Waste Management Guidelines

1. General

1.1. These Environmental Procedures identify environmental compliance requirements for Ohio Army National Guard (OHARNG) projects (maintenance). The Environmental Procedures are intentionally broad in scope to ensure contractors have information needed to price and complete work knowing all the requirements. In general, these Environmental Procedures are applicable to all OHARNG projects, but some of the requirements are specific to certain types of work. Not all of the environmental requirements discussed necessarily apply to all projects; therefore, only reference the requirements that are applicable to the project at hand.

1.2. The OHARNG is committed to environmental stewardship at all our facilities and within our communities as a whole. Through sound environmental management, the OHARNG is committed to:

- Assuring the sustainability and availability of training lands and facilities to enable soldier training and unit readiness.
- Setting and reviewing environmental objectives and targets to manage OHARNG significant environmental aspects.
- Establishing the means to enable continual improvement of our environmental program.
- Complying with all relevant environmental legislation and regulations.
- Ensuring soldiers and employees of the OHARNG are informed of environmental program requirements and are able to execute individual and organizational responsibilities.
- Improving upon pollution prevention and reduction strategies through the application of innovative processes and technologies.
- Considering the environmental requirements and impacts in all planning processes relative to training, equipment fielding, land acquisition and construction/renovation.

1.3. The Contractor must comply with all applicable local, state, and federal environmental requirements to include applicable Army and OHARNG regulations. This includes, but is not limited to, the proper characterization, management, and disposal of wastes; proper storage, use and transportation of hazardous materials; spill prevention and clean up; obtaining proper permits and submitting proper notifications as applicable to the work being conducted; protection of surface water and natural resources; and prevention of adverse effects to historic properties.

1.4. The Contractor (to include subcontractors) will **NOT** correspond with any regulatory agency regarding an OHARNG project without approval of the OHARNG. This includes meetings, phone calls, emails, permit/application submittals, or other written or verbal communications.

The OHARNG will review and approve all correspondence, to include permit applications and notifications, before they are sent to a regulatory agency to include but not limited to the Federal or Ohio Environmental Protection Agency (EPA), the US Fish and Wildlife Service, the Ohio Historic Preservation Office (OHPO), the US Army Corps of Engineers, County Engineer offices, and local Soil and Water Conservation offices.

1.5. The Contractor is responsible for paying all fees and acquiring all applicable permits or regulatory approvals associated with the work they are performing. Depending upon the permit/notification, it may need to be issued in the OHARNG's name. Coordination will be done with the OHARNG to determine this and as applicable the Contractor will complete the application/notification for OHARNG signature and submit the application and associated fees. All permit submittals will be coordinated, reviewed and approved by the OHARNG before submittal regardless of who signs the application.

1.6. Project designs must comply with Executive Order (EO) 14057, *Catalyzing Clean Energy Industries and Jobs Through Federal Sustainability* (or any subsequent energy/sustainability EOs). This EO directs the Federal Government to lead by example to achieve a carbon pollution-free electricity sector by 2035 and net-zero emissions economy-wide by no later than 2050.

1.7. Burning of waste, brush, rubbish, and/or any other debris is not permitted. If brush or vegetation burning is desired, a request to do so must be submitted to the OHARNG for review. If the OHARNG concurs that burning is needed, the Contractor is required to submit a burn permit to the Ohio EPA along with any associated fee. If the Ohio EPA approves the application and issues a permit, the contractor is required to comply with all conditions of the permit. Upon receipt of the Ohio EPA burn permit the contractor will obtain any additional permits required by the OHARNG and/or local fire departments/districts, if any.

1.8. For construction, renovation, and maintenance projects, the A&E, or the Contractor if an A&E is not used, is required to provide a letter of assurance stating that no asbestos containing material was utilized on the project. If lead-based paint is used in any project, the Contractor is required to provide a map depicting the location of the paint and a description of the color and what it is on.

2. Environmental Work Plan

2.1 The Contractor will develop an Environmental Work Plan that provides details on the work to be performed and how it will be performed to ensure compliance with applicable environmental requirements. The complexity and content of the plan is directly related to work being performed. A table of contents of what needs to be included in the Environmental Work Plan is provided in Attachment 1. A template/example of an Environmental Work Plan is available upon request. Not all sections or appendices of the work plan may be applicable. If a section or appendix is not applicable, insert "NOT APPLICABLE" below the section title, but do not remove the section from the table of contents. If a section or appendix is needed that is not included, add it at the end before the appendices.

2.2 An electronic copy of the draft version of the Environmental Work Plan will be submitted to the OHARNG for review and approval. The draft plan will have the word "Draft" in the title and at the top or across each page. Initial draft work plan submission must be received by the Environmental Office no later than 30 calendar days from issuance of the notice to proceed. The OHARNG will review the draft work plan and return any comments/changes to the Contractor within 15 working days of receipt. The Contractor will have no more than 10 working days to address comments/changes and resubmit the final draft for approval. The Contractor will resolve all comments to the satisfaction of the OHARNG and provide a final Environmental Work Plan to the Environmental Office and the Project Manager. The OHARNG reserves the right to re-evaluate the work plan in the event that unforeseen work conditions are encountered. Work at the project site CANNOT begin until this work plan has been approved by the OHARNG Environmental Office. A copy of the final work plan will be available at the project site at all times.

3. Emergency Spill Response and Petroleum, Oil, and Lubricant (POL) Management

3.1 The Contractor must comply with the OHARNG Spill Prevention Control and Countermeasure Plan (SPCCP) for the project location, if there is one, and implement appropriate measures to prevent spills/releases to the environment and to respond, notify, and report when a release occurs. The Contractor is required to inspect equipment, fuel, and hazardous materials storage areas to ensure there are no leaks or releases. The Contractor is responsible for implementing spill response and cleanup of all spills/leaks within the project area immediately upon discovery. Clean up must be satisfactory to the OHARNG and/or the Ohio EPA or other applicable regulatory agency. Wastes will be managed as described in the waste management section (Section 6) of these Environmental Procedures.

3.2 The OHARNG will be notified of **ALL** spills/releases immediately. All spills/releases must be reported in writing on the OHARNG Spill Report Form (Attachment 2) and submitted to the OHARNG within 24 hours. The Spill Report Form provides contact information for the OHARNG.

3.3 The Contractor is required to have a spill kit with appropriate absorbents, plastic bags, drums, shovels, and other supplies and equipment suitable to clean up any releases or spills from their activities.

3.4 Contractor stationary fuel pods must be in/on a secondary containment system that must have sufficient capacity to contain at least 10% of the total volume of the primary containers or 100% of the volume of the largest container, whichever is greater (40 CFR 264.175). A double walled container is sufficient secondary containment. Releases of rain water from secondary containment can only be initiated after approval from the OHARNG Environmental Office and after inspection and verification/absorption of all petroleum, oil, and lubricants (POL) and/or other contaminants in the water by the Contractor. Discharge of POL or other contaminants/pollutants from secondary containment is not permitted. At minimum, discharging through an oil only boom/filter or an oil absorption filter bag is required. If the contractor cannot show proof of lack of contaminants, the water will need to be sampled and characterized to determine the proper discharge/disposal method. The

contractor will document all discharges/disposal from secondary containments to include name and signature of person conducting discharge/disposal, date of discharge/disposal, volume discharged/disposed, method of discharge/disposal, method of determining water was clean to discharge (analytical result if applicable), and a statement that any discharge did not contain POL or other contaminants. Discharges from secondary containment will be addressed in the Waste Management Section of the **Environmental Work Plan**.

3.5 Individual fuel/POL cans (5 gallon or less) and hazardous materials used on job sites must be stored in a manner that prevents release to the environment. This will usually involve a covered storage area with appropriate secondary containment that protects them from rain and accidental damage. Chainsaw fuel and bar oil on logging jobs can be left at the tree felling site in the woods or brought out to the log landing each day.

4. Erosion Control, Storm Water and Other Surface Water Management

4.1 For all projects, regardless of the disturbance acreage, the Contractor will use all methods appropriate and required to prevent soil from leaving the project site either by wind, water, or on vehicles and equipment. Silt fence and other temporary soil run off detention methods will be used as needed. Spoil piles and disturbed areas will be managed in accordance with the stipulations outlined in the most current version of the Ohio EPA General National Pollutant Discharge Elimination system (NPDES) Storm Water Construction Permit; the most current version of the Ohio Department of Natural Resources' Rainwater and Land Development Manual (available on-line); and Ohio's Standards for Storm Water Management, Land Development, and Urban Stream Protection (available on-line). The site must be seeded with a temporary seed mix if left idle for the designated period of time. The project site will be closed out by preparing the soil as a seed bed and seeding and mulching with the appropriate seed mix. Temporary erosion control measures (silt fence) will be removed by the contractor once vegetation has been established and soil on the project area is stabilized.

4.2 The Contractor will use best management practices or whatever means necessary to prevent contamination of storm water due to runoff from wastes, debris piles, fuel tanks, materials, equipment, and other storage/materials on the project site.

4.3 Post-construction permanent storm water / water quality controls must be designed and installed in accordance with Section 438 of the Energy Independence and Security Act of 2007 (EISA) and the current version of the Ohio EPA General NPDES Storm Water Construction Permit. The current technical guidance on implementation of the Section 438 storm water runoff requirements is available on-line. The post construction requirements will be incorporated into all designs/plans and implemented/constructed by construction contractors as part of the initial site preparation. The A&E/Contractor will develop a long-term operation and maintenance plan for post-construction storm water controls and provide it to the Project Manager for review and approval and signature by the OHARNG. Where required by local ordinances, the A&E/Contractor will coordinate and obtain approval of post-construction storm water control design and the O&M plan with applicable local officials (County Engineers, local Soil and Water Conservation District, etc.)

4.4 Erosion and Storm Water Control (E&S) Plans and Details, notes, and details suitable for inclusion in the project Storm Water Pollution Prevention Plan (SWP3), as applicable, will be developed either by the A&E or the Contractor. E&S controls and permanent post construction / water quality controls will also conform to the latest version of the Ohio Department of Natural Resources publication titled **"Rainwater and Land Development - Ohio's Standards for Stormwater Management and Land Development and Urban Stream Protection" (available on-line)**.

4.5 Native seed mixes will be used where suitable and compatible with maintenance requirements. An appropriate turf grass mix will be used for high traffic and high maintenance areas. Annual ryegrass can be added during the growing season to mixes to provide quick cover. For late season seeding, winter rye can be added to provide a quick cover. OHARNG approved grass seed mixes are provided in Attachment 3. Contractors may propose similar alternative seed mixes. The OHARNG Environmental Office must approve all alternative seed mixes. The seed mixes that will be used will be identified in the Storm Water Management, Sediment, and Erosion Controls section of the **Environmental Work Plan**.

4.6 Construction Storm Water Discharge Permit

4.6.1 For projects that disturb one (1) or more acres of ground (or otherwise meet the Ohio EPA criteria for permit coverage), the Prime Contractor will obtain coverage under the Ohio EPA General NPDES Permit for Storm Water Discharges Associated with Construction Activity. The Contractor will submit a Notice of Intent (NOI) as the Operator and pay the applicable fee. The NOI must be approved by the OHARNG Environmental Office **PRIOR** to submittal to the Ohio EPA. The Contractor will coordinate the content of the NOI with the OHARNG Environmental Office and will make modifications as directed. The contractor is required to have a Storm Water Pollution Prevention Plan (SWP3) prior to submitting the NOI (see below for SWP3 information). Subcontractors, as applicable, will submit co-permittee NOI's after the Prime Contractor has obtained authorization and a permit number from the Ohio EPA. All co-permittee NOI's must be approved by the OHARNG Environmental Office **PRIOR** to submittal to the Ohio EPA. Copies of all NOI's and Ohio EPA authorization letters will be provided to the OHARNG Project Manager and Environmental Office. In situations where the construction permit is in the name of the OHARNG, the Contractor and applicable subcontractors will be co-permittees under the OHARNG's permit.

4.6.2 If required in the design scope of work/contract, the A&E will develop a complete SWP3, otherwise the Contractor will need to develop the SWP3 (either themselves or hire someone), in compliance with the requirements in the Ohio EPA General National Pollutant Discharge Elimination System (NPDES) Permit for Storm Water Discharges Associated with Construction Activity. The SWP3 will be evaluated using the current **Ohio EPA Storm Water Pollution Prevention Plan Checklist for Construction Activities (available on-line)**. The A&E/Contractor will submit the draft SWP3 to the Environmental Office for review. The OHARNG will review the draft SWP3 when it is

submitted with a design and return any comments/changes within two weeks of receipt. The A&E/Contractor will have no more than 10 working days to address comments/changes and resubmit the final draft for approval. After review and approval by the OHARNG Environmental Office the A&E/Contractor will coordinate review of the E&S plans and SWP3 with the local governing authority (i.e., county, city, village, or township) and local Soil and Water Conservation District (SWCD) as applicable and make required revisions based on agency reviews. The SWP3 will be signed by an authorized representative of the A&E/Contractor. Although the SWP3 does not need to be submitted to Ohio EPA to obtain coverage under the Construction General Permit (CGP), it must be retained at the construction site, in a three-ring binder at all times during the construction activity. A final electronic signed copy of the SWP3 will be given to the OHARNG Environmental Office and the Project Manager. The A&E/Contractor will complete a draft NOI. The General Contractor will add any required project specific information to the E&S plans, SWP3, and draft NOI as applicable. Upon approval by the OHARNG, the General Contractor will submit the NOI and payment to the Ohio EPA. The OHARNG reserves the right to re-evaluate the SWP3 in the event that unforeseen work conditions are encountered.

4.6.3 The Contractor will comply with the CGP and implement the SWP3 and assign "qualified inspection personnel" (as defined in the CGP) to conduct inspections and maintain storm water/erosion controls in accordance with the SWP3. The Contractor will notify the OHARNG Project Manager and Environmental Office immediately if there is a storm water control failure and off-site discharge from the project area. The Contractor will use the Ohio EPA inspection checklist for storm water controls (available online) and will complete and maintain signed inspections on site in the SWP3 binder. Any proposed changes to the SWP3 must be coordinated with and approved by the OHARNG and annotated in the SWP3 amendment log. The contractor will conduct maintenance on E&S controls and maintain a written record to document maintenance and corrective actions. The contractor will also maintain a grading and stabilization activities log, SWP3 amendment log, will conduct SWP3 training and maintain a SWP3 training log, and will obtain and maintain signed SWP3 certification statements from applicable personnel on the job site. The Contractor will retain all these records in the SWP3 binder on the job sites and will provide copies to the OHARNG upon request. The Contractor will turn in the original job site SWP3 complete with all inspections and records to the OHARNG at contract completion.

4.6.4 The Contractor will notify the OHARNG Project Manager and Environmental Office within 15 days of final site stabilization. The OHARNG Environmental Office will inspect the site to determine if adequate site stabilization has been achieved. Once adequate stabilization has been achieved the Contractor will submit a Notice of Termination (NOT). The Contractor will provide the OHARNG project manager and Environmental Office with copies of the NOT. The site is considered to have reached final stabilization when the terms identified in the Ohio EPA Permit are met.

4.7 Wetlands, Streams or Other Surface Waters

4.7.1 The Contractor is not permitted to disturb or fill any wetlands, streams, or other surface waters while performing tasks within the scope of work unless such disturbance or fill is specifically identified as a task in the scope and applicable permits and authorizations have been obtained. When a wetland permit is required, the Contractor is required to comply with the terms and conditions identified in the permit to include both Nationwide Permits (NWP) and Individual Wetland Permits and associated Water Quality Certifications. When working in the vicinity of wetlands, the Contractor will protect wetlands with silt fence or other applicable means and will maintain a 30-foot undisturbed buffer around wetlands and depressional areas that hold water and will keep all equipment, materials, vehicles, debris, waste, and personnel out of this buffer and prevent discharges of any type (chemical or soil) from entering such areas. In the absence of a wetland delineation map that identifies the location of regulated wetlands and other waters of the State, the OHARNG Environmental Office will identify wetlands and other waters locations on the property and adjacent to the project that require protection.

4.7.2 If a wetland permit is needed for a project, it will either be provided by the OHARNG, or it will be identified as a task in the scope of work or specifications for the Contractor to do. If a permit application, to include a NWP Pre-Construction Notification (PCN) or an individual permit, is a required task for the Contractor, the Contractor will work closely with the OHARNG Environmental Office. The Contractor will utilize a qualified wetland consultant to develop the permit application. The application will address all items and include all mapping and agency coordination and correspondence necessary to produce a complete application and obtain the necessary permit. The application will identify mitigation needs and a proposed mitigation plan as necessary. All outside agency coordination and correspondence will be coordinated with and approved by the OHARNG Environmental office in advance. Wetland permits are issued to the property owner, so the applicant would be designated by the OHARNG/Adjutant General's Department of Ohio and the permit will be issued that government applicant and not the contractor.

4.7.3 If a wetland delineation is not available from the OHARNG and is required for a project, it will be identified as a task in the scope of work or specifications. The Contractor will utilize a qualified wetland consultant to develop the wetland delineation and will work closely with the OHARNG Environmental office. The delineation will be in compliance with applicable USACE and Ohio EPA requirements and will include wetlands and other regulated waters of the state, Ohio Rapid Assessment scores and mapping, stream identification (ephemeral, intermittent, perennial) and the Ohio Headwater Habitat Evaluation Index (HHEI) and/or Qualitative Habitat Evaluation Index (QHEI), wetland delineation maps, Cowardin Vegetation Classification maps, GIS data layers compatible with the current OHARNG GIS system, separate PDF format maps, and electronic and hard copies of a delineation report. The delineation maps must be on recent high-quality leaf-off aerial photographs and detailed enough to show the surrounding buildings, terrain, and landmarks to allow for identifying the

location of wetlands on the ground. The maps must show contour lines at no less than 10-foot intervals or otherwise as required by the USACE and/or Ohio EPA. The wetland and other waters data must be suitable for incorporation into Engineer design drawings. The delineation must be complete and acceptable to the USACE and the Ohio EPA. All outside agency coordination and correspondence necessary to produce the delineation will be coordinated with and approved by the OHARNG Environmental office in advance.

4.8 Dewatering

4.8.1 The OHARNG Environmental Office must approve all dewatering activities. Dewatering will be addressed in the waste management section or the demolition dewatering section of the **Environmental Work Plan** if applicable to the project. Standing water must be characterized to determine if it is regulated before dewatering procedures are implemented. Characterization may be possible by generator knowledge or may require sampling and analysis. For demolition projects the water may contain asbestos, lead, PCBs or other contaminants and will have to be sampled. Construction dewater would most likely only contain suspended solids but could contain contaminated groundwater depending upon where the project is located. At minimum, discharges must meet water quality standards identified in Ohio Administrative Code 3745-1. At locations with known contaminated groundwater the OHARNG Environmental Office will provide specific guidance on containerization, sampling, and disposal/discharge requirements. At minimum, water must go through an oil absorption and/or an activated charcoal, and/or a sediment filter bag as appropriate, prior to being discharged. Discharge will be done in a vegetated upland area that drains away from the work site unless otherwise specified in the scope of work or authorized by the OHARNG Environmental Office. Discharge will be done to allow the discharge to filter through dense groundcover vegetation. The discharge hose will be set on a piece of plywood or rubber mat to disperse the water and prevent a concentrated discharge that can cut and erode soil. Direct discharge to a stream, pond, wetland, ditch or other body of water or conveyance is not permitted. Discharge (land application) must be conducted in accordance with OAC 3745-42-13 (C) and (J).

5. Sanitary Sewer

5.1 For projects that include new gravity sewers connecting one line from the building to an existing sanitary main, a permit-to-install (PTI) is not required. If the sanitary main is going to be extended or if a pump is involved, then a PTI would be required. If this is the case, the Contractor must obtain PTI from the Ohio EPA. The PTI permit must be approved by the OHARNG Environmental Office prior to submittal to the Ohio EPA. The final PTI permit should be submitted approximately 35 business days prior to initiation of construction activities. A **Wastewater Permit-to-Install Fact Sheet** (**available online**) regarding **Wastewater PTI Applications** describes in detail when a PTI is or is not required. Any fees associated with obtaining the PTI permit are the responsibility of the Contractor.

6. Waste, Recycling and Hazardous Waste

6.1 General/All Wastes

6.1.1 The Contractor is responsible for characterizing all waste generated from a project and notifying the OHARNG of all waste streams, management methodology, and disposal methods prior to beginning work. If an alternative practice is available that will eliminate or minimize hazardous waste generation, the contractor is required to implement such practice (e.g. using dry ice instead of sand-to-sand blast lead based paint and minimize lead waste).

6.1.2 The Contractor is responsible for properly labeling, storing, and inspecting non-hazardous and hazardous waste stored at the project site pending disposal. All containers on the project site will be labeled as to the contents, whether waste or otherwise. All waste stored on site must be inspected weekly using the **Ohio Army National Guard Weekly Non-Hazardous & Hazardous Waste Inspection/Inventory Sheet (Attachment 4)**.

6.1.3 The Contractor is responsible for properly completing all waste profiles, waste manifests, and shipping documents (hazardous and non-hazardous waste). Asbestos manifests need to be reviewed by the OHARNG Environmental Office prior to shipping offsite. Contractor must use the Ohio EPA Asbestos Waste Shipment Record (available online). All asbestos waste must be disposed of directly to a landfill and is not to be consolidated with another generators waste and not diverted to a holding location prior to disposal.

6.1.4 The Contractor will complete a **Construction/Demolition Diversion and Waste Disposal Form (Attachment 5)** for **all** wastes generated and provide supporting documentation (weight tickets, manifests etc.) to the OHARNG prior to each pay request for disposal.

6.1.5 The Contractor is required to recycle materials when possible and practicable. Recycled materials must be tracked using the **Construction/Demolition Diversion and Waste Disposal Form (Attachment 5)**. Materials that cannot be recycled or repurposed must be properly disposed of as solid waste at an appropriate waste handling facility.

6.1.6 Gray water, vehicle wash water, and other liquid wastes (to include extracted groundwater and water from dewatering) generated by the Contractor will be managed in accordance with the waste management guidance in this section and applicable federal, state, and local regulations. Liquid waste will not be discharged to the land surface, surface water, storm drain/ditch, or a sanitary sewer unless properly characterized and done in accordance with applicable laws and applicable permit conditions. Liquid waste will be characterized and proper management and disposal methods identified and implemented. Guidance on construction site dewatering is provided in Section 4.8.1 above.

6.2 Lamps/Bulbs/Ballasts

6.2.1 The Contractor must manage used lamps (incandescent, fluorescent, mercury vapor, neon, high pressure sodium and metal halide) and other applicable wastes as universal waste in accordance with Ohio Administrative Code 3745-273-13(D) and the Ohio Environmental Protection Agency's guidance document titled Managing Fluorescent Lamps (available online). Fluorescent light ballasts containing PCBs only in an intact and non-leaking capacitor must be disposed of in accordance with 40 CFR Part 761.60(b)(2)(ii). Fluorescent light ballasts containing PCBs in the potting material must be disposed of in accordance with 40 CFR Part 761.62. Fluorescent light ballasts that are not marked specifically as "Non-PCB Containing" must be treated as PCB containing ballasts. Disposition of used lamps and ballasts must be noted on the **Construction/Demolition Diversion and Waste Disposal Form (Attachment 5)** as noted in paragraph 6.1.4 above.

6.3 PCB Wastes

6.3.1 If PCBs are detected in any non-liquid building demolition debris at concentrations greater than 50 ppm, the waste is defined as a PCB bulk product waste. According to 40 CFR 761.62(b)(1)(i), PCB bulk product waste generated as part of a demolition activity may be disposed of in a facility permitted, licensed or registered by the State as a municipal or non-municipal nonhazardous waste landfill. According to 40 CFR 761.62(b)(4)(i), the Contractor will need to provide a 15-day written notification to the disposal facility prior to any shipment of the material. The PCB containing material should stay intact and attached to any substrate material if applicable. All PCB bulk product waste will need to be tracked on the **Construction/Demolition Diversion and Waste Disposal Form (Attachment 5)**.

6.4 Hazardous Wastes

6.4.1 Hazardous waste manifests will be reviewed, approved and signed by the OHARNG Environmental Office. The Contractor is responsible for weighing and documenting all waste material (regulated, diverted, landfilled) leaving the site.

6.4.2 **Hazardous waste** generated by any Contractor working on OHARNG projects counts toward the OHARNG monthly generation total for the project location and is an OHARNG waste. The Contractor is responsible for minimizing all waste generation from OHARNG projects and for properly managing all wastes generated from OHARNG projects in accordance with the **Ohio Army National Guard Waste Management Guidelines (Attachment 6)**. In a planned hazardous removal event (ex. demolition activities), the contractor must provide a **30-day** notification prior to work. In an unplanned hazardous waste removal event (ex. Hazardous waste spill cleanup), the contractor must notify OHARNG immediately as the OHARNG has a requirement to notify the Ohio EPA with **72 hours** of the event. Once notified, the OHARNG will decide if we will pursue Episodic Generation status. Waste will be managed in accordance with all applicable Federal, States, U.S. Army, NGB and OHARNG

regulations and requirements. OHARNG sites may have specific hazardous waste information / management guidelines that must be followed to ensure compliance with applicable regulations and requirements. The contractor must include hazardous waste management in their **Environmental Work Plan** and coordinate all hazardous waste generation and management activities with the OHARNG Environmental Office prior to beginning work.

6.4.3 The Contractor is required to complete training in accordance with 40 CFR 265.16 when hazardous waste activities are part of the contracted work and the project causes OHARNG to move into a small-quantity or large-quantity generator status. The training must be given by the OHARNG Environmental Office. Training must be documented on a sign in roster and materials covered outlined.

6.4.4 The Contractor is required to utilize qualified Defense Logistics Agency (DLA), Defense Marketing and Reutilization Organization (DRMO) waste haulers and Treatment, Storage, and Disposal Facilities (TSDFs) for hazardous waste. The current qualified waste hauler and TSDF list can be viewed by following the "Qualified Facilities" and "Qualified Transporters" links found on the DLA Disposition Services' Hazardous Waste Disposal Homepage, http://www.dla.mil/DispositionServices/Offers/Disposal/HazardousWaste/HazWasteDisposal.aspx.

7. Asbestos

7.1 Asbestos Identification**:** The asbestos content of all building materials to be impacted or disturbed during renovation, demolition, or project activities must be determined. Asbestos content can be determined by the following methods: 1) The Contractor can reference an existing asbestos survey for the building if one that meets the required Ohio EPA and Asbestos Hazard Emergency Response Act (AHERA) standards is available; or 2) If a building survey is not available, the Contractor must retain a licensed Certified Asbestos Hazard Evaluation Specialist (CAHES) to collect bulk samples for asbestos in accordance with the AHERA 40 CFR Part 763.86 {OAC 3745-22} and prepare a detailed comprehensive AHERA type report for each site where bulk samples are collected. If the Contractor conducts an asbestos survey, the report must be reviewed and approved by the OHARNG before it is final.

If suspected ACM not identified in a survey is discovered during the course of demolition/renovation/abatement, the Contractor must cease work immediately and notify the OHARNG project manager and Environmental Office.

7.2 All Asbestos Work Activities: All asbestos activities, including any disturbance or removal, must be conducted in accordance with applicable Federal, State, and local regulations. Asbestos must be properly abated, handled, removed, managed, containerized, labeled, and disposed of in accordance with applicable Federal, State, and local regulations. The Contractor will complete a **Construction/Demolition Diversion and Waste Disposal Form (Attachment 5)** and provide supporting documentation (weight tickets, manifests etc.)

for all wastes generated to the OHARNG prior to final payment. Contractor must use the Ohio EPA Asbestos Waste Shipment Record (available online) for all asbestos waste. Waste shipment records must be maintained during transport. A final copy of the waste shipment record will be forwarded to the OHARNG within 30 days for recordkeeping. Asbestos removal methods and disposal operations will be detailed in the **Environmental Work Plan** to be reviewed and approved by the OHARNG Environmental Office prior to the start of work activities.

Asbestos contractors must be properly licensed in accordance with applicable local, State, and Federal regulations. Only licensed contractors approved and licensed through the Ohio EPA will be utilized on OHARNG asbestos abatement projects. The contractor will show proof of license and will maintain appropriate paperwork on the work site at all times. Work is to be performed in accordance with 29 CFR 1926.1101 (OSHA Asbestos Construction Standard) and 40 CFR Part 61 (Asbestos NESHAPS) in addition to accepted industry work procedures and other applicable local, State, and Federal regulations. The onsite asbestos Superintendent must be a 'competent person' as defined in 29 CFR 1926.1101(b) and must be onsite full time during the project.

All asbestos wastes generated as part of the building renovation or demolition activities and/or abatement activities must be properly transported to an approved, licensed asbestos landfill. Disposal manifests and Asbestos Waste Shipment Records for all asbestos waste must be ***signed and approved*** by an OHARNG Environmental Office representative or a representative designated by the Environmental Office prior to shipment from the project site or OHARNG facility. All asbestos waste must be transported directly to the approved, licensed asbestos landfill and must not be consolidated or stored by the contractor at their yard or shop.

7.2.1 Facility Demolition – No ACM Present

The Contractor is required to submit a completed Ohio Environmental Protection Agency (EPA) Notification of Demolition and Renovation Form to the OHARNG for review and approval 30 days prior to commencement of demolition. Upon receipt of written approval from the OHARNG Environmental Office, the approved notification and associated fee must be submitted to the Ohio EPA 10 business days prior to commencement of demolition. Under no circumstances is the Contractor to submit any correspondence to the Ohio EPA or any other regulatory agency without written approval from the OHARNG. Copies of all correspondence from the Ohio EPA or any other regulatory agency must be submitted to the OHARNG Environmental Office upon receipt. The Contractor is required to develop and submit an **Environmental Work Plan**.

7.2.2 Facility Demolition – ACM Present

All requirements listed above for Facility Demolition - No ACM Present are applicable. This includes submitting a completed Ohio EPA Notification of

Demolition and Renovation Form which must detail asbestos to be abated or remain during the demolition. If requested, the Contractor must provide a copy of the asbestos survey to the regulatory agency. Previously completed asbestos surveys must be kept on the job site until the demolition activities are completed.

The Contractor is required to complete and submit an **Environmental Work Plan** providing details regarding asbestos abatement. The Environmental Work Plan needs to be submitted to the OHARNG for review and approval prior to the commencement of work. The work plan will specify the procedures to be utilized by the contractor to ensure compliance with all applicable State and Federal asbestos regulations. The work plan will address the abatement techniques to be used, the safety precautions to be taken, and emergency procedures to be implemented in the event of inadvertent exposure. Proof/copies of proper and current contractor licensure must also be included in the work plan. The work plan will also address how the asbestos waste is to be handled, stored, transported, and disposed of in accordance with all applicable regulations. Site clearance procedures must be addressed in the plan. The plan must contain a detailed description of the project activities, including the amount (indicated in linear or square feet) of asbestos to be abated, methods to adequately wet asbestos during abatement operations (emission control), and the exact location and type of asbestos, and whether or not a contained work site will be established as required by 29 CFR Part 1926.1101.

During demolition, air monitoring activities must be conducted in accordance with 29 CFR 1926.1101 OSHA Construction Asbestos Standard. The methodology and applicable limits / parameters must be identified in the **Environmental Work Plan**.

7.2.3 Facility Renovation – No ACM Present

If no ACMs are identified in the survey, the Contractor does not need to submit an Ohio EPA Notification of Demolition and Renovation/Abatement Form. However, the Contractor is required to develop and submit an **Environmental Work Plan**.

7.2.4 Facility Renovation – ACM Present

For renovation, if the combined amount of regulated ACM to be stripped, removed, dislodged, cut, drilled or disturbed exceeds 260 linear feet on pipes or 160 square feet on other facility components or 35 cubic feet of facility components where length or area could not be measured previously, the Contractor will be required to submit a completed Ohio EPA Notification of Demolition and Renovation/Abatement Form to the OHARNG for review and approval 30 days prior to commencement of renovation. Additionally, if an abatement activity occurs involving the removal, renovation, enclosure, repair, or encapsulation of ACM in an amount greater than 50 linear feet on pipes or 50 square feet on other components, a Notification is also required. The above sited quantity limits are quantified on an

annual basis per facility and not a project-by-project basis. The approved notification and associated notification fees must be submitted to the Ohio EPA at least 10 business days prior to commencement of renovation. Under no circumstances is the Contractor to submit any correspondence to the Ohio EPA or any other regulatory agency without written approval from the OHARNG. Copies of any correspondence from the Ohio EPA or any other regulatory agency concerning the renovation of this facility must be submitted to the OHARNG Environmental Office upon receipt. Previously conducted asbestos surveys must be kept on the job site until the renovation activities are completed.

Air monitoring and clearance sampling must be conducted in accordance with 29 CFR 1926.1101 and AHERA 40 CFR Part 763 Subpart E. The methodology and applicable limits / parameters must be identified in the **Environmental Work Plan**. The Contractor will prepare a job-site clearance report that summarizes the air monitoring results. The report will include copies of the analytical results and the licenses/certifications of the individuals conducting the air-monitoring and the lab performing the PCM or TEM.

8. Lead

8.1 The Contractor is required to conduct all work in accordance with OSHA's Lead Standard for the Construction Industry, Title 29 Code of Federal Regulations 1926.62. Prior to any renovation activities, painted surfaces and other suspected lead-containing materials must be properly sampled and analyzed in areas to be impacted or disturbed. Copies of the analytical results must be forwarded to Mr. Shane Mathey, OHARNG Hazardous Waste Manager. Mr. Mathey can be reached at 614-336-7394 Monday through Friday from 7:00a.m.- 3:00p.m. If lead levels exceed 1.0 mg/cm^2 or 0.5% lead by weight, surfaces/materials are considered lead-based paint. If painted surfaces or materials are to be abated during a renovation or building demolition will occur, wastes generated from those activities must be sampled by the contractor and analyzed for TCLP Lead to properly characterize the wastes prior to disposal. The waste sample must be composite and include the paint itself and the substrate it is on.

8.2 Lead abatement and disposal operations will be detailed in the **Environmental Work Plan** to be reviewed and approved by the OHARNG Environmental Office prior to the start of work activities. The abatement method must be addressed in the work plan (mechanical, chemical, wet-method, etc.). All abatement activities will be conducted by a licensed abatement contractor in accordance with applicable Federal, State, and local regulations and guidance. Disposal manifests for all lead hazardous waste must be signed and approved by an OHARNG Environmental Office representative prior to shipment from the project site or OHARNG facility.

8.3 All lead-based paint surfaces to be impacted must be properly abated by a licensed lead abatement contractor in accordance with applicable Federal, State, and local regulations. Any surfaces exposed to lead containing dust as part of the renovation or demolition must be decontaminated. Personnel performing the renovation, demolition and/or abatement work

must wear the appropriate level of personal protective equipment (PPE). Every effort must be made to contain any lead contaminated dust to the work area and reduce inadvertent exposure of unprotected individuals to lead contaminated dust.

8.4 Analytical results from characterization will determine if the lead containing paint chips, dust, and debris will be classified as hazardous waste or not. All removed lead-based paint and debris from demolition or renovation operations which may contain lead-based paint will be properly handled, characterized, managed, and disposed in accordance with all applicable Federal, State, and local regulations. If analytical results determine the waste is hazardous, please refer to section 6 above for specific handling requirements.

9. Earth Fill and Spoil

9.1 Any earth fill brought on site must be free of chemical contaminants and organic material (plant or animal parts). The contractor will identify the source of earth fill in the **Environmental Work Plan.** The OHARNG reserves the right to require sampling and analysis to confirm fill is clean and free of chemical and/or organic contamination.

9.2 Clean soil not used as part of a project will be retained onsite for future use by the OHARNG unless identified for removal and off site recycle or disposal in the scope of work/contract. The Contractor is required to transport and stockpile the soil to a location designated by the OHARNG. The Contractor will install erosion and sediment controls and will seed and mulch any stockpiled soil (s) in accordance with the Ohio EPA General Construction Permit.

9.3 Contaminated soil must be properly characterized as a waste, removed from the project area, and properly disposed of offsite.

10. Natural Resources

10.1 Threatened and Endangered Species

10.1.1 There are migratory birds that nest in vegetation and structures on OHARNG property. The Migratory Bird Treaty Act prohibits harm to nesting migratory birds, their eggs, and their nests (with the exception of a few introduced species).

10.1.1 The Contractor is responsible for doing everything possible to not intentionally or unintentionally harm any listed or protected species at any OHARNG facility. Unless specifically called out as a Contractor requirement, the OHARNG will conduct project evaluation and coordination with the USFWS. Immediately prior to the action commencing, the contractor will perform a thorough inspection for nesting birds, inhabiting bats, or other animals within the project area (structure(s), construction site, etc.). This thorough search will be to determine if any bats, birds, or other animals are present within the work area (under roof flashing, under siding, nesting in brush, etc.). The Contractor will also remain alert for the presence of any animals during project implementation. This is particularly important for demolition and renovation projects because animals may be utilizing old/abandoned buildings or structures. If any animals

are found, the contractor will stop work in that area and immediately notify the project manager and the OHARNG Environmental Office.

10.1.2 The OHARNG can impose project specific restrictions on activities due to regulatory requirements. Any such project specific restriction will be identified in the project scope of work and/or contract language and discussed with the contractor prior to bidding and commencement of work. The Contractor is required to comply with any such restrictions.

10.2 Mowing

10.2.1 There are no seasonal mowing restrictions on maintained lawns, grassland rights-of-way, and easements that are regularly mowed and maintained at a height of less than 10 inches.

10.2.2 Grass and brush that is allowed to grow more than 10 inches tall during bird nesting season becomes suitable habitat for grassland nesting birds and WILL NOT be mowed between 15 April and 15 August unless the Contractor has confirmed the absence of nests and nesting birds to the satisfaction of the OHARNG Environmental Office.

10.3 Vegetation Clearing and Tree Trimming

10.3.1 The Contractor must inform the OHARNG project manager and Environmental Office of their intended schedule a minimum of two weeks in advance of a vegetation clearing, tree cutting/felling, or tree trimming project. The OHARNG will determine if the proposed work dates are within the allowable window for the location and type of work being conducted. If work is proposed within the restricted time period, the Contractor will have to reschedule the work to be completed in the permissible calendar dates. If the project has not yet been reviewed and coordinated with the USFWS, there may be up to a 60-day delay as the Environmental Office completes this process. Timing of any of these actions will be addressed in the **Environmental Work Plan**.

10.3.2 Upon successful completion of USFWS coordination, tree and vegetation clearing, brush cutting, tree felling, cutting of branches, or cutting of stems three (3) inches or greater in diameter can only occur between 1 October and 31 March. Abandoned wood utility poles are treated as trees in the sense that they can only be felled between 1 October and 31 March. Depending upon the scope and size of the project it may be possible to reduce this restricted period to 1 June through 31 July. Doing so requires approximately 30 to 60 days for the OHARNG Environmental Office to evaluate and coordinate the request with the USFWS. Note that seasonal restrictions can also be imposed on other project activities (roofing, siding, demolition, etc.) that have the potential to impact listed species.

10.3.3 When clearing trees and brush the contract specification will identify if the material must be removed and hauled off site by the contractor or if it will remain on site to be salvaged by the government. The government will salvage trees when they are

determined by the OHARNG Forester or the USACE Forester to have adequate commercial value as sawtimber or another forest product. When trees remain on site the Contractor will transport them and neatly stack them in a location designated by the OHARNG. If taken offsite, the Contractor will recycle the material as firewood, biomass, mulch, fuel chips, or some other reuse.

10.3.4 When trees are salvaged as sawtimber, all 8' 6" and longer straight portions of the trees up to a 10" diameter outside bark at the small end that are felled will be limbed and neatly stacked in a location designated by the OHARNG. Limbing will consist of cutting limbs flush to the boll of the trees. Branch stubs are not permitted. Trees will be kept and stacked in as long of lengths as possible and under no circumstance less than 8'6" long. Pieces shorter than 8'6" are not suitable for sawtimber salvage. The Contractor will not cut tree sections to a length shorter than 8' 6" to avoid managing them as sawtimber.

10.3.5 When trees are salvaged for firewood and/or biomass, all portions of the trees down to a 4" diameter top will be cut into 4' 6" to 9' lengths and neatly stacked in an area designated by the OHARNG. Firewood salvage will include treetops and sawtimber sized trees that have poor form or are too short to be sawtimber.

10.3.6 Limbs, branches, brush and tree parts not salvaged will be removed from the site and recycled. If chipped on site and only a small amount of chips are generated and the work is not within a cantonment or other maintained area, the chips can be blown/scattered in adjacent unimproved areas/woodlands unless restricted from doing so by the scope of work or specification. Piles of chips are not permitted and chips will not be placed in wetlands. Brush can be ground or chipped in place as part of the clearing operation.

10.4 Stumps

10.4.1 Stumps will be ground or excavated in accordance with contract specification requirements. Stumps that are two feet tall or taller will not be ground or removed between 1 April and 30 September. Grinding of all stumps (to include major roots) will be to a minimum depth of 6 inches below ground surface. Grindings will be managed as directed by the project specifications. If in an upland area, chips can be spread on site adjacent to the stump. Grindings will not be spread in wetlands. If the entire area is not being leveled and re-graded, stump holes must be leveled and filled with clean fill dirt and topsoil. Piles of grinding and chips will not be left on the project area or anywhere in a mowing zone.

10.4.2 The Contractor will not place chips or any parts of trees, brush, or any type of fill into any wetland including but not limited to ditches, streams, floodplain areas, wet spots or low areas. Stumps in wetlands will not be ground or excavated without a wetland permit and prior approval of the OHARNG Environmental Office.

10.4.3 If stumps are excavated, the Contractor is required to remove and properly dispose of the stumps offsite or as otherwise specified within the project specifications. Surface disposal or burial of stumps and woody debris on OHARNG property is not permitted.

10.5 Vegetation Establishment

10.5.1 The Contractor is responsible for ensuring the establishment of vegetative cover and soil stabilization of the project area and must use all means available and necessary to accomplish this. Straw or fiber erosion mats (Jute matting), rip rap, geo-cell, or other applicable soil stabilization methods, when needed, will be proposed to the OHARNG and approved before implementation. The contractor will utilize native vegetation unless native vegetation is not appropriate for the required application and the OHARNG Environmental Office has reviewed and approved the use of non-native species. Vegetation to be used on a project will be identified in the **Environmental Work Plan**.

10.5.2 The Contractor is required to prepare an adequate seed bed prior to seeding. The seed bed must consist of clean, weed free topsoil and must be broken up and loose and suitable for seed germination. Fertilization will be required if the soil is poor and/or nutrient levels are low. Lime will be applied as necessary to adjust the soil pH to the recommended level for the seed being sown.

10.5.3 An appropriate turf grass mix will be used for high traffic and high maintenance areas. A seasonally appropriate annual grass can be added to mixes to provide quick cover. Contractors will use approved grass seed mixes provided in Attachment 3 by the OHARNG or propose alternative seed mixes. The OHARNG Environmental Office must approve all seed mixes. Seeding must be mulched with at least 2 inches of straw mulch if broadcast seeded, an appropriate fiber matting, or an appropriate cover if hydro-seeded. Seed drilling usually does not require mulch.

11. Cultural / Historic Resources

11.1 All work on historic structures that are eligible for or listed on the National Register of Historic Places (NRHP) is required to be consistent with the Secretary of Interior Standards for Treatment of Historic Properties (https://www.nps.gov/tps/standards.htm). In addition, depending on the type of work being completed on the historic structure, the Contractor is required to follow additional guidance found in the National Park Service Preservation Briefs (https://www.nps.gov/tps/how-to-preserve/briefs.htm).

11.2 Unless otherwise specified in the contract, the OHARNG will conduct consultation with the Ohio History Connection (OHC) office and other appropriate parties and will require specific project details to do so. The Contractor/A&E must provide as much detail as possible concerning proposed construction/renovation/demolition activities in a narrative, plans, and specifications sufficient to enable the OHARNG to evaluate the impacts of the project on historic resources. Information provided will include, as applicable but not limited to, maps, measured drawings, structure elevations, clear photographs of portions of structures requiring

work, details regarding types of mortar, brick, paint color, caulking, windows, doors, chemical products, structural replacement parts, etc. Plans and specifications developed by the Contractor/A&E must be consistent with the standards specified in paragraph 11.1 above.

11.3 The Contractor implementing the actual project is responsible for ensuring that their activities are completed in accordance with the National Historic Preservation Act (NHPA) and other applicable historic preservation laws and regulations as specified by the A&E, evaluated by the OHARNG, and approved by the OHC. The Contractor will not conduct any ground disturbing activity, structure renovation, maintenance, modification, or demolition until assurance is received from the OHARNG Environmental Office that cultural resources requirements have been met and consultation with the OHC is complete.

11.4 If during a project, the Contractor makes an inadvertent discovery of human remains, funerary items, animal remains, household artifacts or other artifacts, they will immediately stop work. All remains and artifacts will be left in place and measures taken to protect the site and artifacts from pilferage and damage will be implemented. The project manager, contracting office, and OHARNG Cultural Resources Manager will be notified immediately. In the event that human remains are identified, the on-site OHARNG security personnel or Range Control must be immediately contacted to allow them to contact the appropriate law enforcement agency.

12. Pesticide Use

12.1 General Requirements

For pest control contracts, the OHARNG will provide a project specific scope of work. This section of the Environmental Procedures is not a substitute for a pest control contract scope of work and is not intended for use as a pest control contract scope of work. This section is intended to provide guidance for contractors who have a minor pest control component within an otherwise non-pest control contract, such as a requirement to treat soil for subterranean termites as part of a readiness center construction project or some other incidental need to control pests during, or as part of, an otherwise non-pest control contract.

12.1.1 The Contractor will comply with all U.S. Army, Federal, state, and local safety regulations and requirements, including the OHARNG Integrated Pest Management Plan (IPMP) (see Section 12.1.6 below) and following all label instructions of chemicals used on site. The contractor will supply his personnel with personal protective equipment as required by Title 10 CFR, OSHA regulations, and the pesticide label(s).

12.1.2 Pest control services will include pest inspections/surveillance, non-chemical pest control (as appropriate), and pesticide applications. Regular scheduled, routine and/or preventative pesticide applications will not be conducted. Pesticides may only be applied after inspection/surveillance by a certified professional applicator and confirmation that pests are present and chemical control using pesticides is required.

12.1.3 The Contractor is required to ensure that the least amount of chemical consistent with the label and manufacture recommendations necessary to control the target pest is used.

12.1.4 The OHARNG IPMP contains Integrated Pest Management Outlines. Pest Management activities at OHARNG facilities will be done in accordance with the IPMP and these outlines. The Contractor will be provided copies of applicable outlines and must follow them in execution their work.

12.1.5 Contractors are not permitted to apply pesticides on OHARNG property without complying with OHARNG certification and reporting requirements, use of OHARNG approved chemicals, and use of integrated pest management. The only exception to this is the incidental use of wasp spray for personal protection in accordance with the Ohio Pesticide Law. Use of any other pesticides and/or use of wasp spray for other than personal protection on a job site, must be done under an OHARNG issued/approved scope of work by a properly certified pesticide applicator.

12.2 Licensing / Certification Requirements

12.2.1 The Contractor must possess a current Ohio applicator license as a Commercial Pesticide Applicator certified in the applicable categories for the tasks to be performed. All individuals who apply pesticides at OHARNG federally-owned facilities are required to be certified by the State of Ohio in the appropriate categories. At federally-owned facilities non-certified individuals will not mix or apply pesticides, to include operating vehicle mounted equipment, regardless if they are supervised by a certified individual or not. At state-owned facilities, trained, non-certified individuals under the direct supervision of a certified/licensed applicator can apply pesticides as allowed by the Ohio Pesticide Law.

12.3 Pesticides, Equipment, and Materials

12.3.1 Contractor will provide all the required pesticide(s), baiting, spraying, trapping, and any and/or all required material and/or equipment necessary for the control of the specified unwanted pests.

12.3.2 The Contractor is responsible to ensure his/her application equipment is clean, well maintained, calibrated and in proper working order when in use.

12.3.3 The Contractor is responsible for selecting and providing an appropriately labeled pesticide(s) or mix of pesticides to provide effective control of target pests. The OHARNG requires pest control and not just application of pesticides. Effective, industry standard chemicals will be used.

12.3.4 At federally-owned sites, only pesticides listed on the OHARNG State Pesticide Use List (SPUL) will be used. EPA registered pesticides approved for use in Ohio can be added to the OHARNG list if approved by Army National Guard Pest Management Consultant (ARNG PMC). A product label must be submitted to the OHARNG IPMC

by the Contractor to facilitate ARNG PMC review. Adding items is not guaranteed and can take up to two weeks. The contractor will provide copies of product labels and SDSs for pesticides prior to use. The OHARNG will approve all pesticides before they are used on both federally-owned and state-owned properties.

12.4 Pesticide Handling, Storage, and Mixing

12.4.1 It is the responsibility of the Contractor to properly manage all pesticides brought onto OHARNG property. Pesticides must be safely transported and secured from access by non-certified personnel. Pesticides will not be disposed of on OHARNG property. All pesticide waste, to include empty pesticide containers, must be taken off-site and properly disposed of by the Contractor.

12.4.2 Government provided, onsite pesticide storage is not available. If at all possible, only the amount of pesticide used each day will be brought onsite. When this is not practical, temporary onsite storage of pesticides while a project is in progress is permitted. Pesticides must be stored in an approved pesticide container that can be locked and that has secondary containment. The storage container must be clearly labeled as pesticide storage and secured from unauthorized access. The storage area must be approved by the OHARNG, out of the weather, and cannot be in an office, break room, or otherwise occupied area and must be away from vehicle traffic, sewer drains, storm drains, and water bodies.

12.4.3 There are no pesticide mixing facilities available on OHARNG property. Pesticide mixing will be done off-site if at all possible. If mixing must be done on OHARNG property, it must be done at the application site. Mixing may not be done in a janitor, restroom, or kitchen sink or other such location not specifically designed and designated for pesticide mixing. The Contractor is responsible for providing/paying for the required water or other carrier for mixing the pesticides. Hoses connected to a potable water source may not be used unless connected to a backflow preventer or other sure means of preventing backflow is provided. Hoses may not be submerged in a pesticide tank. OHARNG hoses may not be used by contractors to fill pesticide tanks/sprayers.

12.4.4 The contractor is required to have a spill kit suitable for the types and amounts of pesticides being used. The spill kit must contain absorbents, a shovel and plastic bags. The Contractor must immediately clean-up all spills and properly dispose of contaminated material off-post. The Contractor will complete a spill incident report and submit it to the OHARNG within 24 hours of a spill. All spills need to be reported in accordance with OHARNG spill reporting requirements listed in Section 3 above.

12.5 Pre-Award Deliverables

When submitting a bid or proposal, the Contractor will include with their submittal the below listed items and will receive positive confirmation from the OHARNG IPMC via the OHARNG Project Manager/owner representative that the submissions are acceptable. The

below items must be approved by the OHARNG IPMC in order for a bid / proposal to be considered acceptable.

1. A copy of license/certification of the individual who will be doing pesticide applications.

2. A list of pesticides and copies of product labels for pesticides proposed for use.

3. A description of the proposed pesticide tank mix and application rate.

4. A copy of the SDS's for pesticides proposed for use.

Work cannot begin until these items are submitted and approved by the OHARNG IPMC.

12.6 Records and Reports

12.6.1 For applications at federally owned properties, the Contractor is required to properly complete the **OHARNG Daily Pest Control Summary (provided on an as needed basis)**. The OHARNG Daily Pest Control Summary Sheet contains information required by the Ohio Pesticide Law. This report must be kept on a daily basis when inspections and/or applications are completed and turned into the OHARNG weekly when completed with all reports for the year due not later than 10 September. This report is kept on a per building or application site basis. A separate report is required for each building or treatment area to include for non-chemical treatments, inspections, and surveillance. The report must be properly completed as directed by the OHARNG.

12.6.2 For applications at state-owned properties, the Contractor is required to complete and provide the OHARNG with a copy of their company application record kept in compliance with the Ohio Pesticide Law.

12.6.3 As applicable, the Contractor will submit copies of any/all Adverse Incident Reports; corrective action documentation; and spill, leak and unpermitted discharge documentation to the OHARNG.

12.6.4 The Contractor may not submit an invoice for payment until after the reports and records have been submitted and accepted by the OHARNG. Submittal of records is a required task and work is not billable until it is completed to the satisfaction of the OHARNG IPMC.

12.7 Applications In, Over, or Near Water

12.7.1 It is expected that incidental applications in, over, or near water will be a very rare occurrence. If such a pesticide application is required, the Contractor will discuss the application with the OHARNG Installation Pest Management Coordinator, and the details of the application and applicable requirements will be included in the project Environmental Work Plan. All such applications must be completed in accordance with

the current Ohio Environmental Protection Agency General Permit Authorization to Discharge Pesticides In, Over, or Near Water of the State Under the National Pollution Discharge Elimination System. The Contractor will complete all application, monitoring, reporting, and any other requirements in the permit and will cause the OHARNG to be in compliance with all applicable permit conditions.

12.8 Quality Control

12.8.1 The Contractor's pest control activity/application and records will be inspected by the OHARNG IPMC, or designee, prior to payment to determine effectiveness and compliance with the contracted scope or statement of work. The designate OHARNG representative will inspect the work within 30 days of control and approve payment if control is adequate and the application reports have been properly completed and received.

12.8.2 If the Contractor fails to obtain the control required by the scope, the Contractor will meet with the IPMC, or designee, to discuss the reasons and a re-treatment and/or revised treatment/control methodology will be determined and implemented by the Contractor at no additional cost to the OHARNG. The Contractor is required to retreat, or spot treat, areas of inadequate control.

13. Munitions Construction Support

13.1 General Requirements

Due to the history of some OHARNG facilities, there may be a low probability of encountering munitions and explosives of concern (MEC) at some sites. Therefore, the **3Rs for munitions safety** should always be followed**: Recognize, Retreat, Report**. If you see a suspect munitions item, **Recognize** that there might be a potential munitions items and that there might be a potential risk or hazard. **Retreat** from the area meaning go back out the same way you came in. **Report** the item or finding to Range Operations or the OHARNG Environmental Office. The OHARNG will investigate the discovery and coordinate with the appropriate UXO or Explosive Ordinance Division (EOD) support personnel. Contractor work in the area of the munitions will be suspended until the area is made/declared safe by a qualified munitions/EOD technician. If the discovery of munitions results in the need to change the scope of work and/or contract terms, such changes will be determined by the OHARNG/Army team. Should a higher probability, munitions investigation or removal. or mandated munitions construction support be utilized on a project, details/requirements will be provided in the scope of work or performance work statement and/or will be provided by the OHARNG project manager or Environmental Office.

14. Dust Control

14.1 The Contractor shall ensure restriction of emission of fugitive dust (regulated as particulate matter) according to OAC 3745-17-08.

14.2 The Contractor shall install reasonably available control measures to prevent fugitive dust from becoming airborne. Control measures must be approved by OHARNG and may include but are not limited to:

a. Use of water or other OHARNG approved dust palliative suppression chemicals during demolition, construction operations, grading of roads, or clearing of land;

b. Use of water or other suitable dust suppression chemicals on dirt or gravel roads, parking lots, and other surfaces that can cause emissions of fugitive dust;

c. Installation of hoods, fans, or other equipment that can enclose, contain, capture, vent, and control fugitive dust. Equipment must meet the requirements within OAC 3745-17-08;

d. Use of water, suitable dust suppression chemicals, or covering for all materials stockpiles;

e. Covering, at all times, open bodied vehicles (i.e. dump trucks) when transporting materials;

f. Prompt removal of earth or other material from paved roads where deposition has occurred by trucking or equipment, or erosion by water or wind.

Attachment 1
Environmental Work Plan Table of Contents

Below is a sample Table of Contents for an **Environmental Work Plan**. Not all sections of the work plan may be applicable. If the section is not applicable insert "NOT APPLICABLE" below the section title, but do not remove the section from the table of contents. If a section is needed that is not included, add it at the end before the appendices.

1.0 Introduction, Site Location, and History

2.0 Contractor and Government Points of Contact

3.0 Description of Work to be Accomplished

4.0 Storm Water Management, Sediment, and Erosion Controls

5.0 Cultural and Natural Resources

6.0 Hazardous Materials Inventory and Management

7.0 Spill Prevention, Response, Notification, and Reporting

8.0 Emergency Plan and Points of Contact

9.0 Air Management, Discharges, Permits

10.0 Pesticide Use

11.0 Waste Management

- **11.1** Waste Management Point of Contact
- **11.2** Waste Streams/Types
- **11.3** Waste Characterization Methods and Labs
- **11.4** Waste Minimization Strategies and Recycling
- **11.5** Waste Management Procedures and Processes
- **11.6** Waste Hauler(s)
- **11.7** Waste Disposal/Treatment Facility/Facilities

12.0 Summary of Identified Environmental Hazards

13.0 Procedures for Environmental Hazards Abatement/Removal

- **13.1** Asbestos
- **13.2** Lead-containing Materials
- **13.3** PCB-containing Materials
- **13.4** Floor Sweep
- **13.5** Mercury-containing Materials/Equipment
- **13.6** Smoke Detectors
- **13.7** Exit Signs
- **13.8** Air Conditioners
- **13.9** Other Environmental Hazards

14.0 Building Demolition/Renovation Procedures/Methodology

14.1 Pre-demolition/renovation Submittals and Notifications

14.2 Pre-demolition/renovation Site Inspection

14.3 Mobilization

14.4 Demolition/Renovation Methodology

14.4.1 Structural Demolition

14.4.2 Utility Decommissioning

14.4.3 Storm Water Management

14.4.4 Dewatering Procedures

14.4.5 Protection of Environmental Resources

14.4.6 Site Restoration

14.5 Demobilization and Project Closeout

14.6 Job-site clearance report with the air monitoring results

Appendices

Appendix A – Site Plan/Aerial Photo Map

Appendix B – OHARNG Waste Management Guidelines

Appendix C – OHARNG Waste Inspection Form

Appendix D – OHARNG Demolition Diversion and Waste Disposal Form

Appendix E – Contractor Licensure

Attachment 2
OHARNG Spill Report Form

CONTRACTOR EMERGENCY SPILL RESPONSE PROCEDURES

1. EMERGENCY SPILL RESPONSE PROCEDURES.

a) Report all emergency spills immediately to the number directed below in 2(a) and 2(b).
b) Identify the spilled substance and evaluate the hazard. RESIST THE URGE TO RUSH IN!
c) Secure the scene. Set up an adequate perimeter to assure the safety of bystanders and limit access to essential personnel.
d) If possible, without exposure of personnel to hazard, stop and contain the spill using whatever means available.
e) Always enter the spill area from upwind, uphill or upstream.
f) Prevent spills from flowing into drainage ditches, storm and sewer drains, and bodies of water using the absorbents on hand, earthen dams or sandbags.
g) Keep ignition sources (matches, lighters, equipment) as far from the spill as possible. Do not allow anyone to smoke at the scene of the incident. If possible, use non-sparking (brass or plastic) tools when working to contain the spill on site.
h) Refer to the Spill Prevention Control and Countermeasure Plan (SPCCP) if available for project location.

2. REPORTING SPILLS/EMERGENCY PHONE NUMBERS.

a) If the spill is a threat to human health or safety, dial 911 unless at a training site see 2c below.
b) With the exception of Ohio Army National Guard (OHARNG) Training Sites report all spills on OHARNG property to OHARNG **Joint Operations Center (JOC**) at **1-888-637-9053**.
c) All spills occurring at Training Sites must be reported through Range Control associated with its location:
Camp James A. Garfield (CJAG): (614) 336-6041
Camp Perry Joint Training Center: (614) 336-6277 or 614-336-6228
Camp Sherman: (614) 336-6836
d) In the event a spill and the aforementioned contact(s) above cannot be reached, contact the OHARNG JOC at 1-888-637-9053.
di) A copy of the Spill Incident Report Form (AGOH Form 200-1-7-R) must be mailed to the Environmental Office within 24 hours, regardless of the spill amount. E-Mail to bradley.w.kline2.nfg@army.mil.

3. PREPLANNING.

a) Identify who the OHARNG On-Site Coordinator (OSC) is at the location of your construction project.
b) OHARNG Project Manager, Foreman and/or Superintendent Responsibilities:
   1) Inventory all POL products and hazardous materials onsite.
   2) Keep a Safety Data Sheet on hand for each POL product and hazardous material.
   3) Know where all POL products and hazardous materials are stored at all times.
   4) Ensure emergency spill response kits are readily available. Ensure non-sparking shovels and other tools are available to contain spills if possible. These materials should be placed in a vehicle not carrying hazardous materials or POL.
   5) Know where all emergency spill response kits are stationed at all times.
   6) Ensure secondary containment is properly deployed during fueling operations.
   7) Ensure hazards associated with storage of POL and other hazardous materials are incorporated in to Environmental Work Plan.
   8) Ensure all spills are reported to the Environmental Office within 24 hours.
   9) Determine if there is a Spill Prevention Control and Countermeasure Plan (SPCCP) for the facility or Installation where the project is being conducted. If there is, obtain a copy and review it prior to starting the Construction activity. Not all locations have an SPCCP. In the absence of an SPCCP, this card takes precedence.
   10) Know the phone numbers of emergency responders in your area of operation (AO).

SPECIAL INSTRUCTIONS: Post one copy of this document in the job trailer, at all refueling points and inside all emergency spill response kits.

SPILL INCIDENT REPORT FORM

For use of this form, see AGOR 200-1; the proponent agency is AGOH-QM-IM-FS-ENV

Unit:_____ State:_____ Report Date & Time:_____

On-Scene Coordinator (OSC Name & Grade):_____Phone:_____

Spill Location (Grid or Common Name):_____

What was Spilled (Mogas, Diesel, JP8, Other)?_____

If Other, Please Specify:_____

How Much was Spilled (Gallons)?_____

When Did the Spill Occur (Date & Time)?_____

How did the Spill Occur?_____

_____

_____

What Remedial Action was Taken?_____

_____

_____

Were there any Injuries (Cause & Number)?_____

How Much Soil was Removed (Yards, Barrels, Trash Bags, etc.)?_____

Where was the Soil Stockpiled (Grid or Common Name)?_____

Was the Environmental Office Contacted (Yes or No, Date & Time)?_____

Who did you Speak to at the Environmental Office?_____

Was the Site Cleared by the Environmental Office (Yes or No, Date & Time)?_____

Who Cleared the Site?_____

Fill out and fax or mail this form to the Environmental Office within 24 hours of incident occurrence.

----------For Environmental Office Use Only----------

Final Disposition :_____

_____

_____

_____

_____

_____

Attachment 3
OHARNG Approved Grass Seed Mixes

Ohio Army National Guard
Approved Seed Mixes For
Temporary Cover
And Final Site Closures

16 April 2021

Soil stabilization and vegetation establishment will be done in accordance with the requirements and time lines identified in the current Ohio EPA General Permit for Storm Water Discharges Associated with Construction Activities.

I. The following seed is approved for establishment of temporary cover. Species may be mixed if/as necessary for specific application.

- Annual Rye Grass (*Lolium multiflorum*), broadcast @ 40 lbs/acre, drilled at 30 lbs/acre, mulch with a minimum of 3 bales of straw per 1000 square feet. Use mulch netting or fiber mat on slopes greater than 6%. Grows quickly but of short duration. Good growth during hot summer period.

- Winter Rye (*Secale cereal*) broadcast @ 112 lbs/acre, drilled at 80 lbs/acre, mulch with a minimum of 3 bales of straw per 1000 square feet. Use mulch netting or fiber mat on slopes greater than 6%. Good for fall seeding. Select a hardy variety.

- Oats (*Avena sativa*) broadcast @ 80 lbs/acre, drilled at 65 lbs/acre, mulch with a minimum of 3 bales of straw per 1000 square feet. Use mulch netting or fiber mat on slopes greater than 6%. Best for spring seeding. Fall seeding will die when winter sets in.

- 40% Nodding Wild Rye (*Elymus canadensis*), 40% Virginia wild rye (*Elymus virginicus*), 15% Partridge Pea (*Chamaecrista fasciculata*, and 5% Black-eyed Susan (*Rudbeckia hirta*), broadcast @ 35 lbs/acre, drilled at 25 lbs/acre, mulch with a minimum of 3 bales of straw per 1000 square feet. Add 20 lbs/acre of Annual Rye Grass (*Lolium multiflorum*) to the broadcast mix and 15 lbs/acre to the drilled mix. Good for areas that will remain unfinished indefinitely.

- 23.5% Nodding Wild Rye (*Elymus canadensis*), 25% Virginia wild rye (*Elymus virginicus*), 18.75% Partridge Pea (*Chamaecrista fasciculata*), 1.5% Black-eyed Susan (*Rudbeckia hirta*), and 31.25% Little Bluestem (*Schizachyrium scoparium*), broadcast @ 25 lbs/acre, drilled at 18 lbs/acre), mulch with a minimum of 3 bales of straw per 1000 square feet. Add 20 lbs/acre of Annual Rye Grass (*Lolium multiflorum*) to the broadcast mix and 15 lbs/acre to the drilled mix. Good for late season (after 15 September) quick temporary cover.

II. The following seed is approved and will be used for establishment of permanent cover in areas that are not maintained as turf grass or high

foot traffic areas such as range impact areas that are not regularly mowed, roadsides outside of cantonment areas, fence lines outside of cantonment areas, etc. Substitution with similar species is permitted but must be approved by the OHARNG Environmental Office.

- 23.5% Nodding Wild Rye (*Elymus canadensis*), 25% Virginia Wild Rye (*Elymus virginicus*), 22% Little Bluestem (*Schizachyrium scoparium*), 18.75% Partridge Pea (*Chamaecrista fasciculata*), 7.75% Thin-leaved Coneflower (*Rudbeckia triloba*), 1.5% Black-eyed Susan (*Rudbeckia hirta*), 1.5% Purple Coneflower (*Echinacea purpurea*), broadcast @ 18 lbs/acre, drilled at 12 lbs/acre, mulch with a minimum of 3 bales of straw per 1000 square feet. Add 20 lbs/acre of Annual Rye Grass (*Lolium multiflorum*) to the broadcast mix and 15 lbs/acre to the drilled mix. This mix is for use in open areas that receive full sunlight.

- 31% Deertongue (*Dichanthelium clandestinum*), 25% Virginia Wild Rye (*Elymus virginicus*), 25% Nodding Wild Rye (*Elymus canadensis*), 10% Big Bluestem (*Andropogon gerardii*), and 9% Side-Oats Grama (*Bouteloua curtipendula*), broadcast @ 30 lbs/acre, drilled at 20 lbs/acre), mulch with a minimum of 3 bales of straw per 1000 square feet. Add 20 lbs/acre of Annual Rye Grass (*Lolium multiflorum*) to the broadcast mix and 15 lbs/acre to the drilled mix. This mix is for use in partial sun and openings in the forest canopy.

- 25% Deertongue (*Dichanthelium clandestinum*), 25% Common Woolgrass (*Scirpus cyperinus*), 15% Foul Bluegrass (*Poa palustris*), 12% Foul Mannagrass (*Glyceria striata*), 11% Swamp Milkweed (*Asclepias incarnata*), 10% Rice Cutgrass (*Leersia oryzoides*), 2% Common Lake Sedge (*Carex lacustris*), broadcast @ 5 lbs/acre, mulch with a minimum of 3 bales of straw per 1000 square feet. This mix is for use in open, wet areas and other poorly-drained sites which receive full to near full sunlight.

III. Areas that are maintained with regular mowing during the growing season and receive heavy foot traffic will be seeded with an appropriate turf grass mix. Such areas include lawns in cantonment areas, parade fields, and range ROCA areas. Turf grass mixes of Kentucky blue grass (drought resistant varieties), fine/creeping red fescue and perennial ryegrass using appropriate for the specific application will be identified by the contractor and reviewed and approved by the OHARNG prior to application. Application rate, mulching, and watering will be as per supplier recommendation. A potential mix and varieties are as follows.

- 40% Kentucky Bluegrass (drought resistant varieties)
  30% Perennial Ryegrasses (area appropriate varieties)
  20% Hard Fescue (area applicable varieties)
  10% Creeping Red Fescue (area appropriate varieties)

IV. The OHARNG reserves the right to authorize the contractor not be required to seed and/or straw a disturbed site prior to close-out. This determination will be made by the OHARNG Environmental Office based on site conditions and other considerations. The contractor should not assume or expect that this option will be approved in any circumstance. A possible situation in which this option would be approved by the OHARNG Environmental Office would be in a shaded, woodland environment in which there is no slope/erosion concerns though there is sufficient native herbaceous vegetation in the seedbank and root-mass at the surface to quickly re-establish once the action has been completed and site closed out.

Attachment 4

Ohio Army National Guard Weekly Non-Hazardous & Hazardous Waste Inspection/Inventory Sheet

OHIO ARMY NATIONAL GUARD WEEKLY NON-HAZARDOUS & HAZARDOUS WASTE INSPECTION/INVENTORY SHEET

Contractor: _____ Month: _____ Year: _____ Waste Description: _____
Container Nos. _____

	WEEK 1	WEEK 2	WEEK 3	WEEK 4
	Date: **Time:**	**Date:** **Time:**	**Date:** **Time:**	**Date:** **Time:**
Point of Contact (Name / Number)				
Project Name:				
Contracting Agency and POC:				
***Location on installation:**				
Date Generated:				
Projected date of disposal:				
Satellite or 90 day storage are:				
Waste generation site:				
Number of Containers (size / type):				
Condition of Container:				
Containers closed, no loose lids, no loose bungs?	**yes / no**	**yes / no**	**yes / no**	**yes / no**
Waste labeled properly and visible (40 CFR 262.34 (c) (1):	**yes / no**	**yes / no**	**yes / no**	**yes / no**
Secondary containment	**yes / no**	**yes / no**	**yes / no**	**yes / no**
Incompatibles stored together?	**yes / no**	**yes / no**	**yes / no**	**yes / no**
Any spills?	**yes / no**	**yes / no**	**yes / no**	**yes / no**
Spill kit available?	**yes / no**	**yes / no**	**yes / no**	**yes / no**
Fire extinguisher present and chanrged?	**yes / no**	**yes / no**	**yes / no**	**yes / no**
Containers grounded if ignitables?	**yes / no**	**yes / no**	**yes / no**	**yes / no**
Emergency notification form/info present?	**yes / no**	**yes / no**	**yes / no**	**yes / no**
Container log binder present?	**yes / no**	**yes / no**	**yes / no**	**yes / no**
Signs posted if required?	**yes / no**	**yes / no**	**yes / no**	**yes / no**
Photo's submitted	**yes / no**	**yes / no**	**yes / no**	**yes / no**
Printed Name:				
Signature:				

This form is required for Non-Hazardous and Hazardous waste including PCB and special waste. `

CONTRACTORS ARE REQUIRED TO SUBMIT THIS FORM WEEKLY TO THE COLUMBUS ENV OFFFICE WHEN WASTE IS STORED ON SITE.

CONTRACTORS ARE ENCOURAGED TO INCLUDE PHOTOS WITH EACH WEEKLY INSPECTION SHEET WHEN WASTE IS STORED ON SITE.

*Draw detailed map showing location of waste within the site.

Attachment 5
Construction/Demolition Diversion and Waste Disposal Form

Construction/Demolition Diversion and Waste Disposal Form

Project Title _____ **Project Number** _____

Date	Material Type*	Material Description**	Total Quantity of Material	Tons/lbs/CY/each	Total Number of Manifest/Disposal Tickets Attached

***Material Type:** C&D Debris, Recyclable/Reutilized Material, Universal Waste, TSCA Regulated Waste

****Material Description:** C&D Debris (wood, glass, asphalt, concrete, soil, plastic etc…)
Recyclable Material (scrap metal and concrete etc….)
Universal Waste (bulbs, mercury containing devices, used batteries)
TSCA Waste (asbestos, PCB's, lead based paints)

Attachment 6
Ohio Army National Guard Waste Management Guidelines

OHIO ARMY NATIONAL GUARD WASTE MANAGEMENT GUIDELINES

PURPOSE: Guidelines to be followed by contractors working at military installations owned by the Ohio Army National Guard (OHARNG) who are generating/shipping Hazardous or Non-Hazardous Waste.

POLICY: The policy of the OHARNG is to comply with all local, state, federal and installation requirements.

OHARNG Waste Management POCs:

- Shane Mathey, OHARNG Hazardous Waste Manager, 614-336-7394, michael.s.mathey.nfg@army.mil
- Shane Mathey's Environmental Supervisor Alternate Contact, 614-336-7395
- Brad Kline, Camp James A. Garfield (CJAG) Hazardous Waste Manager, 614-336-4918, bradley.w.kline2.nfg@army.mil
- Katie Tait, RVAAP Restoration Program Hazardous Waste Manager, 614-336-6136, kathryn.s.tait.nfg@army.mil
- Brad Kline and Katie Tait's Environmental Supervisor Alternate Contact, 614-336-6568

Coordination:

- Coordinate all waste generation and shipments with the appropriate POC listed above or the Environmental Supervisor in their absence.
- Notify the POC prior to waste sampling for characterization. Details about sampling activities (i.e., number of sample, analysis, etc.) must be provided.
- All Hazardous and Non-Hazardous waste storage locations must be pre-approved by POC prior to generation.
- Ensure all labels include: Accumulation Start Date, Contractor, and Waste Type.
- When contractors have waste onsite, a weekly inspection and inventory must be completed and submitted to the POC.
- All wastes shall be tracked and logged throughout the duration of the project. Contractor will provide the POC with a monthly rollup report of all waste and recycled streams generated by no later than the 10th day of the following month.

Hazardous Waste Treatment, Storage and Disposal Facilities and Waste Haulers: Contractors are required to utilize qualified Defense Logistics Agency (DLA) waste haulers and Treatment, Storage, and Disposal Facilities (TSDFs). The current qualified waste hauler and TSDF list can be viewed by following the "Qualified Facilities" and "Qualified Transporters" links found on the DLA Hazardous Waste Disposal Homepage, http://www.dla.mil/DispositionServices/Offers/Disposal/HazardousWaste/HazWasteDisposal.aspx.

Hazardous or Non-Hazardous Manifest Form Instructions:

OHARNG Sites other than CJAG and RVAAP Restoration Program:

- The OHARNG Waste Management POC is Mr. Shane Mathey
- Site name and address for each facility will be provided upon request.
- Ohio EPA identification number for each facility will be provided upon request.

CJAG (Camp Ravenna)

- The OHARNG Waste Management POC is Mr. Brad Kline
- Military and non-restoration operations waste Site Name is Camp Ravenna Joint Military Training Center.
- Site Address: 1438 State Route 534 SW, Newton Falls, Ohio 44444, (614) 336-4918.
- Mailing Address: Camp James A. Garfield ENV, ATTN: Brad Kline, 1438 State Route 534 SW, Newton Falls, Ohio 44444, (614) 336-4918.
- Ohio EPA ID#: OHD981192925.

RVAAP Environmental Restoration Program

- The OHARNG Waste Management POC is Ms. Katie Tait
- Restoration Program waste Site Name is Former Ravenna Army Ammunition Plant.
- Site Address: 8451 State Route 5, Ravenna, Ohio 44266, (614) 336-6136.
- Mailing Address: Camp James A. Garfield ENV, ATTN: Katie Tait, 1438 State Route 534 SW, Newton Falls, Ohio 44444, (614) 336-6136.
- Ohio EPA ID#: OH5210020736

All OHARNG Sites:

- Contractor's shipping Hazardous Waste must provide a Land Disposal Restriction (LDR) in accordance with 40 CFR Part 268.
- Profiling:
  - The required shipping documentation (i.e. waste profile and executive summary of lab reports (if available) need to be submitted to the appropriate OHARNG POC, or designee(s) for approval and signature prior to shipping.
  - Results of characterization must be submitted to the appropriate OHARNG POC within 30 days after collecting sample.
- Manifests - Hazardous and Non-Hazardous:
  - The waste carrier/transporter provides appropriate manifest to the contractor.
  - The contractor is required to:
    - Insure the OHARNG POC or designee(s) is available to sign the manifest on the scheduled day of shipment;
    - Verify that each manifest is properly completed and signed by the OHARNG POC or designee(s);
    - Provide the Generator copy of the manifest to Shane Mathey or designee(s); and
    - Insure that the original Generator copy of the manifest signed by the treatment storage disposal facility is returned to the appropriate OHARNG address within 30 days of the shipping date for Hazardous and Non-Hazardous Waste.
    - The use of a Bill of Lading, in lieu of a waste manifest, must be approved in advance by the OHARNG POC.

Satellite (SAAs) and Central Accumulation Areas (CAAs) and Containers:

- All SAAs and containers will comply with 40CFR 262.34(c)(1).
- From the time any waste is placed in a waste storage container, proper labeling must be on the container (proper labeling includes contractors name and contact information, waste type). An accumulation start date must also be included on containers stored in a CAA.
- Any waste that is subject to Hazardous Waste Manifest Requirements of the USEPA must comply with 40 CFR Part 262.
- Pending analysis label is to be used from the time the sample is taken and until the results are received. In no case will waste labeled pending analysis exceed 45 days.
- For all hazardous waste containers, a container log must be maintained.
- SAAs and CAAs must be properly documented and closed out once a project is complete.

Records:

- All OHARNG Hazardous and Non-Hazardous records except for CJAG and RVAAP Restoration Program records are maintained at the Columbus environmental office, point of contact is Shane Mathey at (614)-336-7394.
- All CJAG (Camp Ravenna) and RVAAP Restoration Program Hazardous and Non-Hazardous records are maintained at the CJAG environmental office, point of contacts are Katie Tait at (614) 336-6136 and Brad Kline at (614) 336-4918.
- Due to the LQG requirement to comply with the training requirements at 40 CFR 265.16, contractors are required to meet personnel training provisions. If the amount of hazardous waste generated during a project causes an OHARNG facility to be a LQG, contractors must be properly trained on RCRA duties/requirements. Documentation of this training must be kept in the project file.