



JULY 2023
2nd Edition

Joint Base Lewis-McChord
Environmental Guidebook
to Waste Stream
Management



Sustainability is...

Managing our resources to support the present installation mission without compromising our ability to accomplish the mission in the future.

Supporting strong national defense, the integrity of natural and cultural heritage, and conserving natural resources for tomorrow's generations

Sustainability Goals

JBLM's Installation Sustainability Program (ISP) is guided by the following long-term sustainability goals:

Air Quality

1) Reduce installation source and non-tactical motor vehicle air emissions 85% by 2025.

Energy

2) Ensure JBLM Energy Infrastructure supporting critical missions is Resilient, Efficient and Affordable by 2035.

Sustainable Community

3) Create sustainable neighborhoods for a livable JBLM community that enhances the Puget Sound Region.

Products and Materials

4.) Achieve a net-zero waste installation by 2040.

Sustainable Training Lands

5) Maintain the ability of JBLM to meet its current and future military missions without compromising the integrity of natural and cultural resources, both on the installation and regionally.

6) Assist in the recovery of all listed and candidate federal species in the South Puget Sound Region.

Water Resources

7) Enhance water resilience through Clean Water Act compliance, addressing contamination, and implementing adaptable infrastructure.



Joint Base Lewis-McChord is committed to establishing a sustainable installation.

About This Guide:

This publication is a desktop manual issued by the Joint Base Lewis-McChord (JBLM) Directorate of Public Works (DPW), with the intent of providing the unit-level users with clear guidance for the proper disposal of waste. This guide applies to operations on Lewis Main, Lewis North, and McChord Field. It is not intended to be an all-encompassing document and questions outside of the scope of this guidebook should be directed to JBLM Sustainability, 253-966-1734.

The JBLM community is comprised of Service members and their families, civilian workers, contractors, and retirees, and other community members that live within 50 miles of JBLM.

In 2002, JBLM emerged as a leading force in sustainability when it became one of the first Army installations to implement a sustainability program.

JBLM recycling objectives include recover all qualified recyclable materials, conserve national/natural resources, minimize environmental pollution, maximize net dollars returned to JBLM, save energy and water by using recyclables in the manufacturing process and meet or exceed goals set by Executive Order 14057 and Department of Defense and Department of the Army policies.

JBLM DPW Environmental Division (ED) will review this guidebook annually. All personnel directly involved in environmental issues are encouraged to provide comments and suggestions to improve this guidebook by contacting JBLM Sustainability: usarmy.jblm.id-readiness.list.dpw-edpr1@army.mil.



ACRONYMS

ASP	Ammo Supply Point
ATNA	Antidote Treatment Nerve Agent Auto Injector
BBP	Blood Borne Pathogen
CAA	Clean Air Act
CBRNE	Chemical Biological Radiological Nuclear Explosive
CFC	Chlorofluorocarbon
CWS	Corporate Waste Solutions
DA	Department of the Army
DECON	Decontamination
DEMIL	Demilitarization
DFMWR	Directorate of Family and Morale, Welfare and Recreation
DLA	Defense Logistics Agency
DOA	Delegation of Authority
DOD	Department of Defense
DPW	Directorate of Public Works
DRMO	Defense Reutilization and Marketing Office
EA	Environmental Advisor
ECO	Environmental Compliance Officer
ED	Environmental Division
EESOH-MIS	Enterprise Environmental, Safety, and Occupational Health, Management Information System
EOD	Explosive Ordnance Disposal
EOP	Environmental Operating Permit
EPA	Environmental Protection Agency
EPS	Environmental Protection Specialist
FRH	Flameless Ration Heaters
GAA	Grease, Automotive Artillery
GPC	Government Purchase Card
HAZCOM	Hazardous Communication
HCFC	Hydro-Chlorofluorocarbon
HHW	Household Hazardous Waste
HMCP	Hazardous Material Control Point
IAW	In Accordance With
IPBO	Installation Property Book Office
LWPS	Lightweight Water Purification System
MAMC	Madigan Army Medical Center
MRE	Meals Ready to Eat
NBC	Nuclear Biological Chemical
NFPA	National Fire Protection Agency
ODS	Ozone Depleting Substance
OIP	Organizational Inspection Program
OSHA	Occupational Health and Safety Administration
OWS	Oil Water Separator
P2	Pollution Prevention
PCB	Polychlorinated Biphenyls

POL	Petroleum Oil Lubricants
PPE	Proper Protective Equipment
PPM	Parts Per Million
PW	Public Works
QASAS	Quality Assurance Specialist Ammunition Surveillance
RCRA	Resource Conservation and Recovery Act
ROWPU	Reverse Osmosis Water Purification Unit
SCI	Special Compartmented Information
SSA	Supply Support Activity
TSCA	Toxic Substance Control Act
TSM	Toxic Substances Management
TWPS	Tactical Water Purification Systems
UW	Universal Waste
UXO	Unexploded Ordnance
WWTP	Wastewater Treatment Plant
YTC	Yakima Training Center

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**Directorate of Public Works Environmental
Division - Hazardous Waste Program (DPW ED)
Bldg 9679 Mon - Thurs 1300 - 1600 and Friday 1300 - 1500.
DPW ED General Phone Line 253- 967- 4786**

To schedule initial EOM or refresher class, contact:

Please call: 253-967-4786

Hazardous Waste Management/Pollution Prevention

Hazardous Materials Control Point (HMCP): 253-966-0472

MSDS / SDS or Quarterly Inventories Contact:

253-966-6469

Hazardous Waste Contact Numbers:

- **McChord Field**

253-982-2590

- **East Gray Army Airfield, Special Forces, Military Intelligence**

253-966-6465

- **West North Lewis**

253-377-5949

- **East North Lewis, 41st Division, Public Works, Garrison**

253-967-1374

253-377-4377

- **North West Airfield, 1st Brigade, ED, MP's**

253-377-5968

- **404TH AFSBn LRC**

253-966-1601

ABSORBENTS

Absorbents such as pads, towels, boom, dry sweep, clay, or other spill kit contents may become flammable and/or toxic when saturated with petroleum, oil, lubricants, solvents, or other substances.

Contaminated absorbent materials may be considered hazardous waste.

- New absorbents may be picked up from Directorate of Public Works (DPW) Environmental Division (ED) by approved personnel.
- Absorbents contaminated with hazardous materials should be stored properly until picked up by an Environmental Protection Specialist (EPS) from DPW ED.
- Petroleum, Oil, and Lubricants (POL) saturated sorbents can be put in the dumpster.

Contact the Hazardous Waste Program at 253-967-4786 to schedule a pick-up and for further information.

ADHESIVES AND SEALANTS

Spent adhesives, sealants and other wastes generated from the use of these materials such as gloves, stir sticks, and old material removed during replacement, may designate as hazardous waste.

- Store adhesives and sealants properly, in accordance with product Safety Data Sheet (SDS) and JBLM Installation Regulation 200-1. When spent, contact the Hazardous Waste Program at 253-967-4786 to schedule a pick-up and for further information.
- Personnel living on the installation may take used or spent items to Household Hazardous Waste (HHW) at Public Works Environmental Operations Building: 253-967-4786. Closed Federal Holidays.

AEROSOL CANS

Aerosol cans are under pressure and may be flammable, reactive, corrosive, and/or toxic depending on the contents of the cans and the propellants involved. **All aerosol cans on JBLM are considered hazardous waste.**

- Aerosol cans must be stored properly in a hazardous material shed, in accordance with product SDS and JBLM Installation Regulation 200-1.
- Notify the DPW ED Air Program at 253-966-1768 or usarmy.jblm.id-readiness.list.dpw-air@army.mil if aerosol coatings (primers, paint) will be used on aerospace equipment.
- Pick-up of spent aerosol cans can be scheduled with your Environmental Protection Specialist, Environmental Operations, or 253-967-4786.
- Personnel living on the installation may take used aerosol cans to Household Hazardous Waste (HHW) at Public Works Environmental Operations Bldg. 9679: 253-967-4786. Closed Federal Holidays.

AMMUNITION/BRASS

Ammunition, simulators, brass, and smoke grenade residue can harm people and the environment. Training exercises generate live and expended ammunition. Ammunition and residue must be returned to the issuing Ammunition Supply Point (ASP), by the users when training is finished for proper accountability and disposal.

- **If found, ammo/unexploded ordinance (UXO) items should not be moved.**
- Report to DPTAMS Range Support (if on ranges) and to Explosive Ordinance Disposal (EOD) for removal on Lewis Main, Lewis North, and McChord Field.
- Small arms ammunition (.50 caliber and below) may be returned to the ammo supply point (ASP) without paperwork or an appointment (M-F 0730-1500).
- **Any ammunition item found larger than .50 caliber must be assumed live and dangerous. Do not touch or move.** Mark the area. Secure the area and notify military police immediately. This included smokes, signals, and other pyrotechnic simulators.
- All ammunition related items such as boxes, cans, packaging, small parts, brass, links, pull rings, etc. must be turned into the ASP.
- Ammo (.50 caliber and below) can be placed, at any time, at the amnesty box locations with no questions asked and no fear of prosecution.

Contact Phone Numbers

Ammo Supply Point (ASP)	253-967-7822/7841
Range Support	253-967-6371
Amnesty Boxes	253-967-6669/8764
Explosive Ordinance Disposal (EOD)	719-351-3671
Non-Emergency line	253-967-3107/3108
Emergency	911 (Ask for JBLM 911)

ANTIFREEZE

Antifreeze typically contains ethylene glycol. Used antifreeze may contain low concentrations of toxic metals. Never dump antifreeze down sanitary sewer or storm drains. **It is considered a recyclable material.**

- When tank or drum is $\frac{3}{4}$ full contact DPW ED Hazardous Waste Program to request a pump out at 253-967-4786.
- Personnel living on the installation may take used antifreeze bottles or jugs to Household Hazardous Waste (HHW) at Public Works Environmental Operations: 253-967-4786. Closed Federal Holidays.

APPLIANCES

All government owned or purchased appliances, regardless of if on a hand receipt or not, must be turned in to the Installation Property Book Office (IPBO), Building 9660. Personally purchased appliances must be disposed of off base at the county landfill or transfer station. Do not leave personally purchased appliances or furniture in, on, or around, JBLM refuse containers. Illegal dumpers will be prosecuted. (See Ozone Depleting Substances and Refrigerants Section for Refrigerators freezers etc.)

- The IPBO accepts appliances from Units for disposal at Building 9660.
- Personally owned furniture should be donated if it is in good condition. Otherwise, it must be disposed of off base at a county landfill/transfer station.
- Lewis-McChord Community residents please contact your housing representative for disposal instructions or take to your local landfill.
- Questions: usarmy.jblm.id-readiness.list.dpw-jblm-recycles@army.mil.

Contact Phone Numbers

Installation Property Book Office (IPBO)	253-967-5321
Hidden Valley Landfill (Puyallup)	253-847-7555
Tacoma Recovery & Transfer Center	253-502-2100
Thurston County Waste & Recovery Center	360-867-2491
JBLM Solid Waste	253-966-1801

ASBESTOS

Asbestos containing materials are managed as dangerous waste.

Brake Shoes, Brake Pads & Clutch Disks

Some brake shoes, pads, and clutch disks may contain asbestos. By law, they should not be thrown away as regular trash or placed in the metal recycling dumpster. Any non-serviceable (not required to be reused, but to be thrown away) brake shoes, brake linings (pads), clutch disks, fuel or exhaust systems gaskets, or other suspected Asbestos Containing Materials must be collected, permitted, correctly bagged, labelled, and taken to a controlled Asbestos Material dumpster for legal disposal.

- To properly dispose of Asbestos Containing items contact Environmental Division Toxic Substances Management (TSM) Points of Contact (POC's) at 253-966-1776 or 253-966-1775 to request an Asbestos Removal Permit form. It is valid for disposal of asbestos containing items for up to ten days.
- Follow Information Paper guidance for handling asbestos materials. Information paper is available by request: 253-966-1776 or 253-966-1775.
- Personnel approved on a TSM Asbestos Removal Permit form may contact Hazardous Waste: 253-967-4786, with permit in hand, to obtain approved disposal bags.
- Asbestos items must be double bagged and sealed with duct tape after contaminated materials and Personal Protective Equipment (PPE) have been placed into the bag. Bags cannot exceed 20 lbs. each.
- Properly bagged, labelled, and permitted Asbestos Containing Material must be transported to Haz. Waste with two signed copies of your permit; one for your records and one to leave with the attendant.

More detailed information on this procedure is available in the referenced Information Paper. Please call 253-966-1775 or 253-966-1776 to request a copy.

Building Construction and Demolition Waste

Asbestos may be found in buildings on this installation. Proper handling and disposal are essential to avoid significant health risks.

Prior to any alteration to your facility (additions, demolitions, any changes to a structure): Contact your DPW Representative or call the DPW Demand Maintenance Order (DMO) Desk at 253-966-3131 to obtain Permissive Authority to Alter a Facility, or to submit an Individual Job Order (IJO, DA form 4283) requesting such alterations to a facility.

- **Determine if the building contains asbestos by calling: 253-966-1776 or 253-966-1775. Environmental Division Toxic Substances Management will advise you on correct procedure.**

ASBESTOS Cont'd:

Building Construction and Demolition Waste

Activities such as sanding, grinding, drilling sawing or removal of asbestos containing materials are not allowed. Only trained and certified abatement workers may disturb or remove asbestos contaminated materials. Note that any floor tile surface stripping or buffing must be performed with wet methods, and by equipment operating at less than 300 RPM.

Safes and Cabinets

Prior to disposal all safes and cabinets must be checked for asbestos. Call the Hazardous Waste Program: 253-967-4786.

ATROPINE INJECTORS

Atropine, Mark I Kits, and Antidote Treatment Nerve Agent Auto-Injector (ATNAA) are controlled medical items and require special storage and disposal. These items are an injection hazard and present a safety risk.

- All unused Atropine Injectors, excess or expired, should be turned into the Madigan Medical Warehouse. These items are considered viable and creditworthy. They are returned to the manufacturer for credit applied toward our prime vendor account.
- Unit organizations on the installation must dispose of all needles/injectors through Madigan Army Medical Center (MAMC) contact 253-968-0949.
- Questions about drop-off? Located at Bldg. 9665. Call: 253-967-2583.

BATTERIES

Batteries are considered Universal Waste (UW) (40.CFR Section 273.9). The cells of batteries contain hazardous constituents and chemicals that are a concern during routine use and disposal. All batteries have special storage requirements.

- Alkaline, lithium, ventable lithium, nickel cadmium, magnesium, nickel metal hydride, mercury, and rechargeable batteries require special storage and disposal. Call your Environmental Advisor for questions.
- Military vehicle battery disposal should be coordinated with your SSA.
- Personnel living on the installation may bring used batteries for disposal to Hazardous Waste at Public Works Environmental Operations Building 9679: 253-967-4786. Closed Federal Holidays.

BLOOD BORNE PATHOGENS (BBP)

Blood Borne Pathogens (BBP) are present in human blood. Exposure to BBP can cause disease in humans. The BBP present in the blood must be properly cleaned up and disposed of appropriately.

- Avoid unprotected contact with Blood Borne Pathogens.
- Contact the Environmental Operations Building at Bldg. 9679 or 253-967-4786. An Environmental Protection Specialist will be dispatched to the site to decide as to the level of necessary response.

BORROW SOURCE INFORMATION

For the latest guidance see Environmental Division website, Earthworks.

Questions? Borrow Source Program Manager: 253- 966-1781 or e-mail usarmy.jblm.id-readiness.list.dpw-earthworks@army.mil.

BRAKE FLUID

Most brake fluids contain chemicals known to be toxic and corrosive such as glycol and polyethylene glycol. Most civilian brake fluids are glycol based. Military vehicles use a silicon-based brake fluid. Neither the silicon nor glycol brake fluids should be mixed with used oil, nor should they be mixed. Never dump brake fluids down sanitary sewer or storm drains.

- Contact Environmental Operations: 253-967-4786 for further information.
- Personnel living on the installation may take used aerosol cans to Household Hazardous Waste (HHW) at the Public Works Environmental Operations Bldg. 9679: 253-967-4786. Closed Federal Holidays.

CARDBOARD

Clean cardboard should be flattened and recycled in either a commingled recycling or cardboard only container.

Cardboard contaminated with cooking oil, wax, food, and fuel cannot be recycled and should be disposed of as refuse.

Questions may be directed to: usarmy.jblm.id-readiness.list.dpw-jblm-recycles@army.mil.

Contact Phone Numbers

Corporate Waste Solutions (CWS)	253-982-3451
JBLM Solid Waste	253-966-2814
JBLM COR Support	253-377-6110

CBRNE/NBC MASK FILTERS

Protective mask filters may contain heavy metal chemical compounds.

Contact DPW ED Hazardous Waste Program, 253-967-4786, for further information.

CLASSIFIED DOCUMENT DISPOSAL

Classified documents contain sensitive and personal information that must be protected for security reasons. Seek guidance on disposal.

- Active Military Personnel contact your S-2 for guidance.
- Open burning of any material is prohibited! Under no circumstances should civilian or military personnel openly burn classified documents.
- Shredded paper can be taken to the recycle centers or call CWS for available pickup options.
- Personally Identifiable Information (PII) & Health Insurance Portability and Accounting Act (HIPAA) are the responsibility of the organization to shred and dispose.

CONCERTINA WIRE

- Concertina wire may pose a safety risk to soldiers and the environment.
- Segregate all unusable concertina wire, stakes, and banding. Cut into manageable lengths, coil, and place between two pallets (5' high max.). Band it securely together.
- For usable concertina wire contact DLA Scheduler at 253-844-3907/3849, 253-844-3849/3851/3895 or email: DLADispositionServicesWebcontent@dla.mil to schedule an appointment, or you can visit their website at: <https://www.dla.mil/DispositionServices/Contact/FindLocation/Lewis/>.
- For non-usable material contact the JBLM LeMay Coordinator at 253-875-5886.

DETECTOR/DECON KITS

Kit contaminants are potentially flammable and toxic, and therefore require special disposal procedures.

Contact Environmental Services, 253-967-4786, for further information.

DIG PERMITS

Digging can affect underground utilities and environmentally or historically sensitive areas. A digging permit, issued by Public Works, is required for all digging on Joint Base Lewis-McChord.

Request a dig permit at least five business days prior to the scheduled digging event.

Contact DPW Service Order Desk at 253-967-3131 or Dig Permits at 253-967-5237 Building 2012, Third Floor. Hours: 0730 – 1530 Monday - Friday.

Website: <https://home.army.mil/lewis-mcchord/index.php/my-Joint-Base-Lewis-Mcchord/all-services/directorate-public-works/dig-permits>.

Contact DPW at 253-967-3131 (option 2) or email: usarmy.jblm.id-readiness.list.dpw-customer-service@army.mil for all other digging, dumping, or hauling inquiries.

Website: <https://home.army.mil/lewis-mcchord/index.php/my-Joint-Base-Lewis-Mcchord/all-services/service-work-order-submission>.

DRAIN PANS AND DRIP PANS

Use drip pans to control release of petroleum, oil & lubricants (POL) as they are harmful to human health and contaminate stormwater and ground water.

- When drain pans are used for draining fluids from equipment, POL products must be transferred into their proper storage containers immediately. Do not leave open containers of POL or hazardous materials unattended.
- When tank or drum is ¾ full contact DPW ED Hazardous Waste Program, 253-967-4786, to request a pump out of your oil.
- Place drip pans under vehicles with known seeps and leaks to preclude discharges into wastewater and storm water collection systems. The use of collapsible drip pans is preferred.
- Line drip pans with an oil absorbent pad that repels water. Maximize the use of pads by replacing them when they can no longer effectively absorb contaminants (see “Absorbents” section above for disposal of the pads).
- Do not pour drip pan oil and water mix into used oil containers, use an absorbent pad across the top of the mixture to skim and collect the oil.
- Units should empty line drip pans after each rain event, using the procedures above.
- Contact Environmental Operations with any questions: 253-967-4786.

DS2 CONTAINERS: DEMILITARIZATION (DEMIL) REQUIRED PROPERTY

DS2, an alkaline liquid, Gram 4 label materials, and STB (Super Tropical Bleach) require special disposal procedures.

- All expired shelf-life outdated and partially used containers of DS2 must be containerized. This material must be managed as a hazardous waste and identified for turn-in to your assigned Environmental Protection Specialist from DPW Environmental Operations. Disposal as hazardous waste will meet the demilitarization requirements for this property and will be certified/verified by the DLA.

Contact DPW ED Hazardous Waste Program 253-967-4786, for further information.

ELECTRONIC WASTE (E-WASTE)

- Personal electronic waste such as computers (desktop, laptop, and portable computers), monitors (LCD or Plasma), and TVs, VCRS, DVD players, printers, copiers, fax machines and other electronic items are recyclable free under the law for E-CYCLE. For other electronics with an operating system (OS), wipe the OS or reset to factory default. For more information, contact the JBLM Recycling Center at 253- 982-3451 or e-mail [JBLM Recycling@divertmore.com](mailto:JBLM_Recycling@divertmore.com)
- **This does not include appliances or government property.** See Appliances section above. Do NOT e-cycle government property, contact IPBO 253-967-5321.

ENVIRONMENTAL OPERATING PERMIT (EOP)

Each Battalion size unit and separate company is required to have an EOP. The EOP is assessed during each unit's annual Environmental Compliance Assessment.

The EOP is a unit specific document designed to assist organizations with establishing their environmental program, identify environmental requirements related to the processes performed by the organization, and to inform and educate assigned personnel as to their responsibilities for meeting environmental requirements. The EOP provides procedures and other information for conducting operations in accordance with (IAW) regulatory requirements.

The unit is responsible for contacting ED at 253-966-1767 to coordinate the issue of its EOP.

Environmental Operating Permit (EOP/EMS)

Installation EMS/EOP Coordinator
253-966-1767

FILM PLASTIC (WRAP AND PLASTIC BAGS)

Film wrap, and plastic bags are no longer recyclable on JBLM. Please place in the trash, not the recycling containers. Please check with grocery stores to see if they can take back plastic bags. Utilize reusable bags when possible.

FIRE EXTINGUISHERS

Vehicle fire extinguishers are considered part of the vehicle itself and are the operators' responsibility to maintain. If your vehicle or building fire extinguisher needs to be recharged or serviced, facility occupants must use their Government Purchase Card (GPC) to repair and replace fire extinguishers through a commercial vendor. The Base Supply Center, and several vendors outside JBLM, have the capability to service and replace portable fire extinguishers (non-halon).

Note: vehicle/equipment fire extinguishers may contain residue that could be a human health irritant.

Do not drill holes in, remove heads from, or discharge the fire extinguishers.

FUEL

JP-8, F-24, diesel, Coleman Fuel, MOGAS (Military Gasoline)] JP-8, F-24, and diesel are considered recyclable material unless they have been contaminated. All fuels are to be segregated.

- Fuel is a flammable and toxic material and should be handled in accordance with appropriate safety guidelines.
- When tank or drum is $\frac{3}{4}$ full, contact the DPW Environmental Operations to request a pump out: 253-967-4786.
- Empty containers previously containing a flammable liquid must be disposed of through the DPW ED Hazardous Waste Program, 253-967-4786.
- Personnel living on base may bring their used or empty fuel containers to Household Hazardous Waste (HHW) at Environmental Services Building: 253-967-4786. Closed Federal Holidays.

FUEL FILTERS

Filters contaminated with diesel, fuel, F-24, or JP-8 are considered hazardous waste. Regardless of waste designation, fuel filters must be segregated and disposed of properly.

- Drain used filters into their respective fluid collection containers until they are as empty as possible (usually 12-24 hours).
- Place empty filters into an approved container located in the Satellite Accumulation Area/waste shed that has approximately 1” of absorbent material in the bottom.
- Once full, contact DPW Environmental Operations 253-967-4786, and request pick up of the container or assigned territory EPS directly.
- Personnel living on base may bring their used or empty fuel containers to Household Hazardous Waste (HHW) at Environmental Operation Building 9679: 253-967-4786. Closed Federal Holidays.
- For proper disposal of oil filters, see “Oil Filters” section.

FURNITURE

When possible, donate reusable furniture to the Lewis Thrift Shop, Bldg. 2071 or McChord Thrift Shop, Bldg. 709. Check for other local donation facilities in Pierce and Thurston Counties. For questions regarding acceptance policies contact: fortlewisthriftshop@gmail.com or mcchordthriftshop@gmail.com.

- Personally owned furniture in poor condition must be disposed of off base at a county landfill/transfer station. Do not leave personally purchased furniture in, on, or around JBLM refuse containers. **Illegal dumpers will be prosecuted.**
- All government owned or purchased furniture, must be turned in to the Installation Property Book Office (IPBO), building 9660, regardless of if on a hand receipt or not.

Residents of on-base JBLM Housing contact your housing office for disposal instructions or take to your local landfill.

Lincoln Military Housing residents: 253-912-3500 or 253-912-2112

Email: lewiseast@lpsi.com, lewiswest@lpsi.com, lewismain@lpsi.com, lewisnorth@lpsi.com, McChord@lpsi.com to coordinate bulk pick-up or service-related questions.

Contact Phone Numbers

Installation Property Book Office (IPBO) Bldg. 9660	253-967-5321
Hidden Valley Landfill (Puyallup)	253-847-7555
Tacoma Recovery & Transfer Center	253-502-2100
Thurston County Waste & Recovery Center	360-867-2912
JBLM Solid Waste	253-966-2814

Recycling questions: usarmy.jblm.id-readiness.list.dpw-jblm-recycles@army.mil.

GAS CYLINDERS - REFILLABLE

Oxygen, Acetylene, Argon, Nitrogen, etc.

Compressed gases present a unique hazard. There is the potential for simultaneous exposure to both mechanical & chemical hazards. Gases may be flammable or combustible, explosive, corrosive or a combination of hazards.

- Cylinders can be exchanged by units at the Hazardous Materials Control Point (HMCP), Bldg. 9669, on a one-for-one basis with a DA3161.
- Cylinders that are serviceable but no longer needed should be turned in to your unit SSA.
- For unserviceable cylinders contact the DPW Environmental Operations, 253-967-4786.

GAS CYLINDERS – SINGLE USE

Propane, Vehicle Starting Fluid, MAPP Gas, etc.

- For information regarding the disposal of gas cylinders contact Hazardous Waste at 253-967-4786.
- Personnel living on base may bring their used cylinders (full or empty) for disposal to Household Hazardous Waste (HHW) to Environmental Operations Bldg. 9679: 253-967-4786 Closed Federal Holidays.

GENERATORS

Emergency Generators

Emergency generators provide power during a power outage or natural disaster. Emergency generators at JBLM are used for critical facilities such as those required for mission continuity or healthcare. Usage must be reported to the DPW ED Air Program and non-emergency usage is limited.

Non-emergency/Prime Power Generators

Non-emergency generators that provide >50 horsepower output and are used as a primary source of power are heavily regulated and are not permitted on JBLM without a permit from the local regulatory agency.

- Portable generators that are not an integral part of tactical equipment or do not have a National Security Sticker. They may NOT be used without approval from the DPW ED Air Program.
- Portable generators that are operated at one location greater than 12 months are stationary generators and must be reported to the DPW Air Program to identify compliance and reporting requirements.
- Units and activities may not install stationary generators without prior approval from the DPW ED Air Program.
- Usage for all stationary generators must be reported to the DPW Air Program each month.
- For assistance contact the air program by emailing usarmy.jblm.id-readiness.list.dpw-air@army.mil or 253-966-1768.

GLASS RECYCLING

Glass breaks during collection and processing, and it contaminates the other recyclables. To recycle large quantities of glass on JBLM contact 253-982-3451 for additional options. **Glass cannot be placed in commingle recycling containers.**

GREASE (KITCHEN)

Fats, Oils and Grease (FOG) can block sanitary sewer systems. **Any discharge to the wastewater collection system is a violation of the permit.**

Dining facilities on the installation can contact American Water at 253-366-9127 for grease interceptor repair or cleaning.

Dining facilities can recycle used cooking oil in containers provided through AAFES: 214-312-4976.

Ensure containers are closed except when adding grease to eliminate the potential for rain to enter the container. Keep grease collection containers in secondary containment.

GREASE (MAINTENANCE)

Grease, Automotive, Artillery (GAA) contains petroleum hydrocarbons and additives. Grease contaminated with dirt, water, or other materials is a non-hazardous industrial waste due to the petroleum constituents.

- Personnel approved on a Customer Service Agreement (HJB 223) form may contact DPW Environmental to arrange a drop-off of approved hazardous waste containers. 253-967-4786.
- Personnel living on base may bring their used grease for disposal to Household Hazardous Waste (HHW) to Environmental Operations Building 9678: 253-967-4786. Closed Federal holidays.

HAZARDOUS MATERIALS STORAGE

Lockers

Hazardous materials and hazardous waste have special handling and storage requirements. Some products are incompatible with others (e.g., metals, flammables, and oxidizers) and can create unsafe working conditions, cause health and welfare issues for human and environmental health and have the potential to release toxins. Comply with product Safety Data Sheet (SDS) directions and JBLM installation Regulation 200-1 provisions for storage.

Contact DPW Environmental Operations for locker issues: 253-967-4786.

Corrosive Locker

Used for the storage of corrosive materials. The SDS will provide information to determine if the product is corrosive and incompatible with other types of products.

Flammable Locker

Used for storing of hazardous flammable and combustible materials. The SDS will provide information needed to determine if the product is flammable or combustible, and compatibility with other products. These products must be placed in a National Fire Protection Agency (NFPA) approved and properly marked storage area. These types of lockers also provide for limited amount of secondary containment if spill should occur.

Before placing a flammable or corrosive locker in your area contact the Fire Prevention Office at 253-966-7156 for proper placement. Call 253-966-6449 to see if any are available. If none are, then the unit must procure.

Blue Sheds

Used for storage of bulk hazardous materials, or as weapons cleaning stations. All hazardous materials must be stored in an approved and properly marked storage area to include NFPA 704. Before placing a shed in your area contact the Fire Prevention Office at 253-966-7156, for proper placement. Call 253-966-6449 to see if any are available. If none are available, then the unit must procure.

White Sheds

White Sheds are used for storage of hazardous waste. Hazardous materials may also be stored in white sheds if adequate visual separation and other conditions required by JBLM installation Regulation 200-1 (Appendices E and F) are in place.

- White sheds have priority for storage of hazardous waste.
- Sheds must have NFPA 704 label properly secured.
- Sheds must have alarm, Class C Fire extinguisher, spill kit, and a spill contingency site map posted.
- Some non-regulated waste containers should be managed in the accumulation site due to the possible risks associated with the waste.

Before placing a white shed in your area contact the Fire Prevention Office at 253-966-7156 for proper placement. Call Environmental Operations at 253-967-4786 to see if any excess sheds are available. If none are, then the unit must procure.

Polypaks

Polypaks are typically used for storage of "In-Use" hazardous materials. They can be used as a hazardous waste accumulation site, if properly labeled.

HOUSEHOLD HAZARDOUS WASTE (HHW)

Leftover household products that contain toxic ingredients require special disposal to avoid harming human health or the environment.

Household hazardous waste (HHW) should never be poured down the drain, onto the ground, into storm sewers or thrown in the trash.

HHW includes products that contain corrosive, toxic, ignitable, or reactive ingredients. When it is time to dispose of products such as paint, cleaners, oils, batteries, and pesticides that could contain potentially hazardous ingredients they require special care. Reminder: When moving, household chemicals cannot be shipped with household goods.

- Personnel living on base may bring their HHW to Environmental Operations Bldg. 9679: 253-967-4786. Monday thru Friday 1300-1500 Hrs. Closed Federal Holidays.

ILLEGAL DUMPING

Illegal dumping is a major economic burden to the installation, a stormwater permit violation, and a potential health hazard.

- Dumping trash, furniture, mattresses, and hazardous materials in down range areas or outside of dumpsters is illegal.
- Bringing trash from off-base, and putting it in on-base dumpsters, is illegal.
- If you witness illegal dumping, call 911.
- Report illegal dumping to the Military Police (MP's) at 253-967-3107.

LEAD BASED PAINT

Lead based paint is managed as a special waste and must be removed using special work practices as there may be increased health risks associated with its handling. Precautions must be taken to ensure no adverse effects to human health and the environment during surface preparation where lead-based paint is suspected.

Prior to any alteration to your facility (additions, demolitions, any changes to a structure to include paint scraping, or any surface preparation for repainting): Contact your DPW Representative or call the DPW Demand Maintenance Order (DMO) Desk at 253-966-3131 to obtain Permissive Authority to Alter a Facility, or to submit an Individual Job Order (IJO, DA form 4283) requesting such alterations to a facility.

- Determine if the buildings contain lead by contacting the DPW Environmental Division Toxic Substances Management (TSM) Program, Bldg. 2012 at 253- 966-1775/1776. They will direct you on how to proceed.
- Activities such as sanding, grinding, drilling, pressure washing, or sawing of lead-containing materials are not allowed. **Only trained and certified abatement workers may disturb or remove lead contaminated materials.**
- Contact Environmental Operations at 253-967-4786 for disposal.

LIGHT BULBS

Fluorescent tubes, compact fluorescent bulbs, incandescent bulbs, and mercury containing lamps contain harmful substances such as mercury, antimony, cadmium, barium and / or lead. All lamps contain hazardous materials and are managed as universal waste (UW) (40.CFR Section 273.9).

Quickly becoming the energy efficient bulb of choice, bulbs marked "LED" do not contain harmful substances and can be disposed of with normal non-hazardous refuse. Currently, no LED recycling regulations or initiatives exist.

Decorative string lighting can be disposed of as non-hazardous refuse or recycled through online vendors.

- IMCOM Units/Activities on the installation may contact the Public Works Service Order Desk at 253-967-3131 to request new bulbs for their location.
- MEDCOM Units/Activities may request new bulbs for their location. Contact 253-968-0311 for further information.
- Mercury based bulbs from housing are approved for recycling at Environmental Operations Building 9679, M-Th 1300-1600, Fri. 1300-1500. Closed Federal Holidays.
- Personnel living on base may bring their used bulbs for disposal to Household Hazardous Waste (HHW) Environmental Services Bldg. 9679. Phone: 253-967-4786. Closed Federal Holidays.

MATTRESSES

Government owned mattresses must be turned in to the Army Barracks Management Program (ABMP). All government owned or purchased furniture, regardless of if it is on a hand receipt or not, has a proper disposition.

Installation Property Book (IPBO) accepts furniture from units for disposal at Bldg. 9660.

Personally purchased mattresses must be taken to a local landfill or transfer station.

Residents living in JBLM Family Housing must contact your property management representative for disposal options, or self-haul to a local landfill.

Questions may be directed to usarmy.jblm.id-readiness.list.dpw-jblm-recycles@army.mil.

If you witness illegal dumping call 911, or contact JBLM MP Dispatch 253-967-3107

Contact Phone Numbers

Installation Property Book Office (IPBO)	253-967-5321
Hidden Valley Landfill (Puyallup)	253-847-7555
Tacoma Recovery & Transfer Center	253-502-2100
Thurston County Waste & Recovery Center	360-867-2491

Housing

Lincoln Military Housing residents: 253-912-3500 or 253-912-2112

Email: lewiseast@lpsi.com, lewiswest@lpsi.com, lewismain@lpsi.com, lewisnorth@lpsi.com, McChord@lpsi.com to coordinate bulk pick-up or service related questions.

MERCURY-CONTAINING EQUIPMENT/ITEMS

Mercury is a potential health hazard. It impairs neurological development and causes problems associated with the nervous system. When it is released to the environment, mercury can accumulate in the tissues of plants and animals.

- **Mercury spills, of any quantity, on JBLM must be reported to 911 JBLM.**
- Mercury containing equipment/items should be stored in a cool, dry, well-ventilated area in tightly sealed containers protected from exposure to weather and physical damage.
- Contact DPW ED Hazardous Waste Program for questions and pick-up: 253-967-4786.

MOP WATER

Mop or cleaning water can contaminate stormwater and ground water. Mop water is generated from routine housekeeping operations and may have contaminants that could harm the environment if not properly handled. Detergents adversely affect Oil Water Separators (OWS). Contact American Water for questions at 253-366-9127.

Never dump mop water to an oil water separator, wash rack, or storm drain. **Contact your Environmental Protection Specialist, Environmental Services at 253-967-4786 for disposal determination.**

- Disposal to ground, vehicle hard stands, parking lots, storm sewers, or ditches, is not permitted.

MRE HEATERS

Meals Ready-to-Eat (MRE) contain Flameless Ration Heaters (FRHs). These are composed of a plastic bag containing a piece of fiberboard and powdered magnesium, or magnesium alloy, along with other materials which react chemically to water. EPA has determined that **unspent individual MREs containing FRHs may be disposed of as non-hazardous solid waste.**

- While in training areas unused individual heaters must be opened, doused with water, and fired off. Spent individual heaters can then be placed with normal trash.
- Unlike individual heaters, spent cases of MRE's fall under the critical mass category and must be disposed of as hazardous waste. Contact Environmental Operations at 253-967-4786 for disposal.

OIL

Used petroleum-based and synthetic oils are a non-hazardous industrial waste collected on the installation for recycling. Used oil includes motor oil, synthetic oils, transmission fluid and hydraulic fluid.

- Never dump oils down sanitary sewer or storm drains. Oils must be collected and containerized for disposal. Ensure the container is marked "USED OIL." Keep drum/tank closed except when adding or removing contents.
- Personnel approved on a Customer Service Agreement (HJB Form 223) may contact DPW ED Environmental Operations: 253-967-4786 to request a proper storage tank/drum.
- When tank/drum is $\frac{3}{4}$ full, contact Hazardous Waste at 253-967-4786 to request a pump out of oil.
- Personnel living on base may bring their personal used oil to HHW Environmental Services Building: 253-967-4786. Closed Federal Holidays.

OIL FILTERS

Spent oil filters pollute land and water. They contain hazardous materials such as arsenic, benzene, cadmium, chromium, and halogens. Oil filters are made of steel and can be recycled if properly drained and crushed.

- Drain used oil filters into their respective fluid container until as empty as possible (usually 12-24 hours).
- Once the oil collection container is full, call Environmental Operations, 253-967-4786, to request a pickup.

OIL WATER SEPARATORS

Oil Water Separators (OWS) serve as a pretreatment before discharge into the sanitary or stormwater system. All OWS that discharge to the sanitary wastewater system must meet pretreatment standards and follow permit required management practices.

- Do not dump trash, filters, oil, and other engine fluids in OWS. Do not use detergents.
- For repairs contact the DPW Service Order Desk at 253-967-3131 or email: usarmy.jblm.id-readiness.list.dpw-customer-service@mail.mil.
- For OWS discharging to a sanitary sewer you will need a Temporary Wastewater Discharge Permit. Contact American Waters for questions at (253)366-9127.

OZONE DEPLETING SUBSTANCES (ODS)

Class I and Class II Ozone depleting substances (ODS), also called Ozone Depleting Chemicals (ODC) are substances that, if released into the environment, destroy the protective ozone layer above the earth. Many older household appliances as well as tactical equipment (HMMWVs and Environmental Control Units, contain ODS. Household refrigerators and freezers manufactured before 1995 typically contain chlorofluorocarbon (CFC) refrigerant. Most window air-conditioning units and dehumidifiers manufactured prior to 2010 contain hydro-chlorofluorocarbon (HCFC) refrigerant. CFC and HCFC refrigerants are potent greenhouse gases. If improperly disposed, used oil from refrigerated appliances can result in the release of dissolved ODS refrigerant and groundwater contamination.

- Personnel who purchase ODS or maintain, service, repair or dispose of equipment that could release ODS into the atmosphere must have the appropriate 608 or 609 certification training and comply with the JBLM ODC Management Plan. For a copy contact the air program at usarmy.jblm.id-readiness.list.dpw-air@army.mil or 253-966-1768.
- The IPBO accepts appliances containing ODS from Units/Org at Bldg. 9660.
- Personally purchased ODS-containing appliances should be taken to your local landfill for proper disposal. Questions? Call 253-967-4786.
- See "REFRIGERANTS" for information on non-ODS Refrigerants.

If you witness illegal dumping call 911, or JBLM Dispatch 253-967-3107.

Contact Phone Numbers

Installation Property Book Office (IPBO)	253-967-5321
Hidden Valley Landfill (Puyallup)	253-847-7555
Tacoma Recovery & Transfer Center	253-502-2100
Thurston County Waste & Recovery Center	360-867-2491

Housing

JBLM Residents & Lewis-McChord Communities: 253-912-3500 or 253-912-2112.

PAINT - Oil-based paint and stain, latex (water-based) paint and stain

Paint and paint-related material may contain toxic chemicals that may be flammable. Refer to the product Safety Data Sheet (SDS) for specific hazards.

- Oil-based paint and stain must be disposed through the DPW Environmental Operations, Bldg 9679: 253-967-4786.
- Liquid latex paint must be dried up before being placed in the garbage. Contact Environmental Operations for disposal at 253-967-4786.
- DO NOT clean paint materials, brushes, rollers in unit, or activity parts washers.
- DO NOT dump painting water on the ground.
- Depending on type of paint or stain materials used some tarps, rollers, brushers, gloves and stir sticks that have dried may be placed in the trash (latex) or disposed of through the DPW ED Hazardous Waste Program (oil-based).
- Do not discharge paint to storm drains or sanitary sewer drains. Where possible reuse the wastewater by allowing solids to settle out pouring off water into another container. The latex solids can then be dried out and managed as latex paint waste. Contact American Water for questions at 253-366-9127.
- Personnel approved on a Customer Service Agreement (HJB Form 223) may contact Hazardous Waste, 253-967-4786, and they will provide approved hazardous waste containers.
- Personnel living on base may bring their personal paint or stains for disposal to Environmental Services, Bldg. 9679: 253-967-4786.

PALLETS

Pallets can be recycled in the clean wood waste bin, usually located in your motor pool or SSA.

Drop off single pallets at either of the JBLM Recycling Centers.

For a stack of six or more pallets, call Corporate Waste Solutions (CWS) for on-site pick-up:

253-982-3451 or e-mail JBLMRecycling@divertmore.com.

PAPER

Newspaper and mixed paper are accepted for recycling in the recycling containers. Paper and paper products contaminated with food or hazardous material residue cannot be recycled and is considered trash, example: pizza boxes. Dispose of properly in refuse.

- Place paper in the commingled recycling container.
- Shredded paper should be placed in the garbage. If you have a large quantity, please contact: 253-982-3451.
- If unit, organization, or activity relocates, please leave recycle containers assigned to the building in place and notify DPW 253-477-2988 or Corporate Waste Solutions 253-982-3451.

PARTS WASHERS

Units must notify the DPW Air Program at usarmy.jblm.id-readiness.list.dpw-air@army.mil or 253-966-1768 when purchasing/installing parts washers/solvent tanks using solvent and provide the applicable SDS.

Solvent replacement must be reported to the DPW ED Air Program at 253-966-1768 or usarmy.jblm.id-readiness.list.dpw-air@army.mil.

All personnel are required to read and adhere to the applicable solvent and cleaning agent Safety Data Sheets (SDS), warning labels, and information posted on parts washing equipment.

- All solvents must be ordered through the HMCP using the EESOH-MIS system. Do not use deployment solvents, without approval from the installation.
- Equipment or parts should be pre-cleaned (i.e., removal of excess grease or dirt) before using parts washing equipment.
- Do not contaminate parts washer solvent with other chemicals.
- Do not block access to parts washer.
- Parts washer should be labeled "Keep Closed". If your parts washer does not have this label, contact Hazardous Waste 253-967-4786 to obtain one.
- Prior to servicing, moving, or adding additional product to the equipment contact Hazardous Waste, 253-967-4786.

PESTICIDES, HERBICIDES, RODENTICIDES

These items assigned to kill pests often pose a significant health risk to humans if not used properly. Store and use materials in accordance with product label guidelines, Safety Data Sheets, and JBLM Installation Regulation 200-1 (Appendix E). Be cautious when using non-American sources for Field Sanitation Team (FST) related items and pesticides because they do not have to comply with American manufacturing standards.

- Maintain product marking, labeling and identification on containers. Refer to the product's SDS for proper material handling and storage instructions.
- Most pesticides can only be used/applied by a certified applicator. Request/procure items using the EESOH-MIS system. To request professional pest management services in DPW-maintained facilities contact the DPW Service Order Desk at 253-967-3131.
- Madigan personnel contact FMD Help Desk at 253-968-0311.
- Personnel approved on a Customer Service Agreement (HJB Form 223) contact Hazardous Waste to deliver approved hazardous waste containers: 253-967-4786.
- Personnel living on base may bring their personal pesticides to Household Hazardous Waste (HHW) at Environmental Services: 253-967-4786. Closed Federal Holidays.

PLASTIC

Recycling in the United States has changed dramatically over the past few years. It's tempting to put things in your cart because you think they should be recycled, but your good intentions cause contamination that affects the whole system. Recycling is great, but waste reduction is the goal.

- Plastic contaminated with food or hazardous material residue cannot be recycled and should be disposed of appropriately.
- Hard plastics (such as kid's toys) are not recyclable.
- Remove any lids or caps and dispose of them as trash. Rinse containers.
- Items previously containing hazardous materials cannot be put in recycle containers.
- Pesticide containers are recyclable item, please contact Solid Waste: 253-966-2814.
- Need service? Call LeMay 253-875-5886.

Need recycling containers in your area? Contact Project Manager at 253-477-2988 or usarmy.jblm.id-readiness.list.dpw-jblm-recycles@army.mil.

For a list of recyclable commingle plastics, and items please go to: https://home.army.mil/lewis-mcchord/index.php/my-Joint-Base-Lewis-Mcchord/all-services/public_works-environmental_division/recycling.

PCBs

PCBs are toxic substances with a potential carcinogenic effect on humans. They can affect the nervous, immune, endocrine, and reproductive system. Environmental contaminants can impact the health and survival of fish and wildlife, making those natural resources unfit for human consumption.

- Check the equipment ID plate and ensure it states "non-PCB." If not specifically identified, you must assume (by law) it is PCB-containing.
- PCBs with contamination levels of 50 parts per million (PPM) or greater are regulated under the Federal Toxic Substance Control Act (TSCA) and must be disposed of within ten days. Levels between 2-49 ppm are regulated by Washington State and considered hazardous waste.
- For information regarding proper disposal contact DPW Hazardous Waste Program contact: 253-967-4786.

RADIOACTIVE MATERIALS

There are environmental and health-related issues concerning radiation exposure.

- The Joint Base Safety Office (JBSO) has oversight for the management of radioactive materials and wastes on JBLM.
- Units and agencies that handle radioactive materials and/or require storage or disposal guidance should contact JBSO at 253-967-3079.

Ionization smoke detectors have a small americium source encased in a layer of foil and ceramic, which stops the alpha particles from traveling outside of the smoke detector. Because of this shielding, the smoke detector poses no radiation health risk when they are properly handled. Use as directed. Do not tamper with your smoke detectors, as it could damage the shielding around the radioactive source inside of them.

There are no special disposal instructions for ionization smoke detectors. They may be thrown away with household garbage.

RAGS

Rags saturated with Petroleum, Oil, Lubricants (POL) or other materials may be flammable and/or toxic. Keep containers closed unless adding or removing used rags.

- Personnel approved on a Customer Service Agreement (HJB Form 223) may contact Hazardous Waste, 253-967-4786 to deliver approved hazardous waste containers.
- If you require a Customer Service Agreement or need additional assistance, contact 253-967-4786.

REFUSE/TRASH/GARBAGE

- For all refuse information please go to JBLM environmental division recycling page: https://home.army.mil/lewis-mcchord/index.php/my-Joint-Base-Lewis-Mcchord/all-services/public_works-environmental_division/recycling
- Need your dumpster emptied or additional pickup? Call LeMay at 253-875-5886.
- New services for garbage dumpsters in the cantonment area must be coordinated with the JBLM Project Manager at 253-966-1733.
- Dumpsters in the training areas may be requested with approval and unit funding. Contact Project Manager at 253-966-1733 or usarmy.jblm.id-readiness.list.dpw-jblm-recycles@mail.mil.
- Keep dumpster lids are kept closed to keep rainwater from collecting in the containers.
- Housing area refuse collection must be coordinated through your Housing representative. Lincoln Military Housing residents: 253-912-3500 or 253-912-2112.
- Email: lewiseast@lpsi.com, lewiswest@lpsi.com, lewismain@lpsi.com, lewisnorth@lpsi.com, McChord@lpsi.com, to coordinate bulk pick-up or service related questions.

If you witness illegal dumping call JBLM Dispatch 253-967-3107.

REFRIGERANTS – Non ODS

Hydrofluorocarbons (HFCs) and perfluorocarbons (PFCs) are used as substitutes for ozone-depleting substances (ODS). Commonly non-ODS refrigerants used at JBLM include R-134a, R-407C and R-410A. Although these substances do no harm the ozone layer many are potent greenhouse gases and require compliant practices to prevent discharge to the environment.

- Personnel who work on refrigerants must be 608/609 certified.
- For questions: usarmy.jblm.id-readiness.list.dpw-air@army.mil.

SCRAP METAL

Scrap metal recycling in the U.S diverts more than 120 million tons of material annually from landfills, conserving natural resources and reducing greenhouse gases. Any funds raised as a result of metal recycling goes to the Qualified Recycling Program, which funds a variety of Pollution Prevention programs on JBLM and MWR.

- Need a scrap metal box? Please contact JBLM Recycling Center at 253-982-3451.
- To empty or dispose of a scrap metal box call 253-982-3451.
- Scrap metal contaminated with chemical agent resistant coating (CARC) cannot be turned in as scrap metal and must be turned into DLA with the proper paperwork, contact: 253-844-3878/3855.

SHREDDED PAPER

Shredded paper is considered trash.

Classified documentation must be handled differently. Refer to the “Classified Document Disposal” section.

SOLVENT TANKS

See Parts Washers

SPILLS

REPORT THE SPILL, CALL 911 and ask for JBLM 911.

PROVIDE REQUIRED INFORMATION – THE LOCATION AND ADDRESS OF RELEASE, THE NAME AND PHONE NUMBER OF A POC, THE DATE AND TIME OF RELEASE, THE TYPE AND QUANTITY OF THE SUBSTANCE, AND THE CAUSE AND SOURCE OF THE RELEASE.

Do not approach a spill unless you are qualified to do so and can do it safely. Otherwise leave it to the first responders.

- **Be Prepared** – Know response procedures and equipment location.
- **Notify** – your supervisor and
 - **SWIM: Stop, Warn, Isolate, Minimize.**
- **Be Safe** – use personal protective equipment. Assist in containment and cleanup only if trained and familiar with the spilled material.
- **Stop the Source** – Plug, roll or right the drum. Use emergency shut-off devices.
- **Protect Water** – Confine the spill with sandbags or booms.
- **Clean-Up** – Pump or sweep into a safe container.
- **Dispose** – contain wastewater or sweepings. Contact the DPW ED Hazardous Waste Program, 253-967-4786 for proper disposal instructions.
- **Restock and Review** – replace used materials and maintain response equipment. Review the incident for lessons learned. Make the appropriate changes to avoid a re-occurrence.
- Spills in JBLM training areas should be directed to Range Support: Bldg. 4074: 253-967-6371.

You must fill out a spill report form (HJB Form 228) and provide it to the Hazardous Waste Program. Questions regarding the form? Please contact: 253-967-4786.

SPRAY GUNS

The use of spray guns for coating and painting of aerospace components and motor vehicles and their components requires a permit with the local regulatory agency. For assistance, call 253-966-1768 or email usarmy.jblm.id-readiness.list.dpw-air@army.mil.

STRYKER HULL WATER

Stryker hull water from military vehicles contains oils and other potentially hazardous chemicals.

Small amounts of lubricants, JP-8, or diesel are permissible but if the hull water contains significant amount of floating POL, it must be removed from the water and drummed before discharging the hull water to the central wash rack. Hull contents must be mostly water. Actual discharge must take place directly over the drain to minimize spread of any oily residue. Any liquid or solid residue remaining after discharge must be rinsed into the drain, leaving wash rack deck clear of oil or grease.

Hull water containing chemicals, solvents, cleaning agents, soap, detergent, Simple Green, or any other emulsifying agent is not authorized for discharge to any JBLM facility. Contaminated hull water must be placed in properly labeled hazardous waste containers for disposal. Stryker hulls can only be discharged at wash racks on JBLM and any discharge to the storm system is an illicit discharge.

Do not dump Stryker Hull Water at motorpools.

Contact Hazardous Waste, 253-967-4786 for questions.

Temporary Discharge Permit for Oil Water Separator: Contact American Water for questions at 253-366-9127.

STYROFOAM

Styrofoam is not currently recycled on JBLM. Please dispose as trash.

SYRINGES/NEEDLES

These items present both injection hazards and disease transmission hazards. Syringes and needles are all controlled medical items and require special storage and disposal.

- Residential needles and syringes should be placed in a puncture-resistant, break-resistance, leak-proof container labeled "BIOHAZARD" in bold letters. Designated containers may be purchased at most pharmacies, or you may use a liquid laundry detergent container, cooking oil, or household bleach container. **Do not store in paper or plastic bags, cardboard or paper containers, glass containers, soda bottles, milk jugs, or aluminum cans.**
- When these containers are no more than 2/3 full, they should be tightly taped up for proper disposal. The residential sharps containers can be placed in the household trash if they're using the proper container with appropriate markings according to local County Health Department brochure guidance.

TANK PURGING

Fuel containers/vehicles contain residue that may be dangerous during maintenance or transportation. Tank and container purging may be required for maintenance, transportation and turn in. Note that all tank purging is regulated under the wastewater discharge permit and must meet pretreatment standards. Contact American Water for questions at 253-366-9127.

- Determine if purging of containers/vehicles is required.
- Purging cannot be done on unit wash racks.
- For large quantities of fuel (more than 55 gallons), special pump out requirements apply. Contact DPW ED Hazardous Waste Program: 253-967-4786.

TIRES

Once worn-out tires are taken off automobiles and they are considered scrap tires. They can be recycled under select conditions.

- Government purchased (Military) tires are considered Class 9 repair parts. Maintenance personnel must ensure the tires are properly accounted for prior to recycling. Take to supporting SSA.
- Personally purchased tires should be taken to an appropriate recycling facility or tire retailer. If you are taking tires back to a retailer, you may have to pay a small fee.

For tires found on installation contact 253-966-1801 or usarmy.jblm.id-readiness.list.dpw-jblm-recycles@army.mil.

If you witness illegal dumping call JBLM Military Police Dispatch 253-967-3107.

Contact Phone Numbers

Installation Property Book Office (IPBO)	253-967-2342
Hidden Valley Landfill (Puyallup)	253-847-7555
Tacoma Recovery & Transfer Center	253-502-2100
Thurston County Waste & Recovery Center	360-867-2491
JBLM LeMay Coordinator	253-875-5886

Housing

Lincoln Military Housing residents: 253-912-3500 or 253-912-2112.

Email: lewiseast@lpsi.com, lewiswest@lpsi.com, lewismain@lpsi.com, lewisnorth@lpsi.com, McChord@lpsi.com, to coordinate bulk pick-up or service related questions.

TONER/PRINTER CARTRIDGES

These items can be recycled. Spent ink cartridges can be remanufactured and reused.

- **Place empty toner/printer cartridges in the original container, if possible.**
- Take used or no longer needed cartridges to either Recycle Center or DPW Environmental Services. Check out other locations on the Recycling website :<https://home.army.mil/lewis-mcchord/application/files/1915/9069/5297/TonerRecyclingMay20.pdf>.

UNMARKED/UNLABELED CONTAINERS

Unmarked/Unlabeled containers and chemicals can pose a great risk to people and the environment. Chemical identification/determination must be made for proper use, storage, and disposal. Testing of unknown substances is very expensive. Every effort should be made to maintain container labels and identification of materials/chemicals to comply with laws and regulations.

- Make every attempt to identify possible contents.
- Once identified, use a DD Form 2522 label to fill in all applicable information.
- **If unable to identify the material/chemical, contact the DPW ED Hazardous Waste Program, 253-967-4786.**

VEHICLES

- Abandoned vehicles have become a problem across JBLM. This issue causes problems of safety, unsightliness, and an unnecessary expense to the installation. Repairs to vehicles of any kind are not permitted in housing, barracks areas, or parking lots.
- Repair and servicing your own vehicle can be conducted at the MWR Auto Crafts Center at Bldg. 4043 on Lewis Main, 253-967-3728, or Bldg. 1120 at McChord Field, 253-982-7226.
- Washing your personal vehicle on JBLM is only permitted at the commercial facilities on the installation or in the MWR auto craft facilities.
- **To report an abandoned vehicle or if you witness illegal dumping call the Military Police (MPs) JBLM Dispatch 253-967-3107.**

WASH RACKS

Excessive oil and grease washed from vehicles can potentially contaminate the sanitary and storm water system. Note that all wash racks discharging to the sanitary wastewater system must meet pretreatment standards. All permit required management practices must be followed.

- Vehicles should ONLY be washed at the centralized wash racks or at commercial car wash facilities.
- Mud and materials should be removed before using the wash rack.
- Detergents are not allowed to be used at wash racks. Aircraft wash racks are an exception as long as the detergent is listed in the Qualified Product list from the applicable Technical Manuals and the Unit's authorized List (AUL) issued by DPW ED Pollution Prevention.
- **No fuel purging, fuel transfers, defueling or oil changing is allowed at wash racks.**
- Stryker hull water may be discharged at the central wash rack. See Stryker Hull Water section for more information.
- Containerized Kitchens, Mobile Kitchen Trailers (MKT) are only authorized to be washed at the North Lewis Wash Rack.

Contact the DPW ED Water Program at 253-967-2837 with questions regarding the permit required management practices for wash racks. Email: usarmy.jblm.id-readiness.list.dpw-stormwater@mail.mil.

WATER GENERATED DURING FIELD EXERCISES

During field training exercises (FTX) different types of liquid waste are generated from missions such as field food service operation, laundry, and bath, water purification, chemical decontamination, and sanitation. Liquid wastes can have an adverse effect on the environment and should not be discharged in the field. JBLM has a high-water table and sits on a sole source aquifer (Central Pierce County Aquifer System) and ground water is protected as potential source of drinking water. Water released in motor pools is considered an illicit discharge.

- At least ten (10) working days prior to the start of any field mission/exercise that will generate a wastewater contact ED Water Program at 253-967-2837 for environmental guidance and restrictions.
- Gray water generated during training activities shall be collected, transported, and discharged to the sanitary sewer through a temporary wastewater discharge permit. Gray water refers to wastewater from non-latrine sources such as showers, laundry, and kitchen operation.
- Reject and backwash water from water purification shall be collected and transported back to the cantonment for disposal in the sanitary sewer system through a temporary wastewater discharge permit.
- Chlorinated potable water may be discharged to the sanitary sewer without dichlorination using the temporary discharge permit.
- A Temporary Discharge Permit is required to discharge wastewater to the sanitary sewer in accordance with JBLM 200-2, Appendix D and must be approved by Public Works prior to discharge. Contact the Service Order desk at 253-967-3131; or American Water at 253-366-9127.

WEAPONS CLEANERS/SOLVENT TANKS

All personnel are to read and adhere to the SDS, warning labels, and information posted on weapons cleaning equipment.

- All solvents must be ordered through the HMCP.
- Weapons and parts should be pre-cleaned before using weapons cleaning equipment, i.e., removal of excess dirt.
- Only weapons are to be cleaned in these machines.
- Do not contaminate parts washer solvent with other chemicals such as paint, gasoline etc.
- Do not block access to the weapons cleaning tank.
- Solvent used during deployment must not be placed in installation weapons cleaning tanks.
- A label should be on the weapons cleaner indicating keep closed, this label is available from Environmental Protection Specialists, Environmental Services, at 253-967-4786.
- Servicing of equipment or adding solvent? Contact Environmental Services: 253-967-4786.

WOOD

Clean and untreated wood is a valuable resource that when recycled, may be reused for many purposes.

- **If the wood bin needs to be emptied, please call LeMay JBLM Coordinator 253-875-5886.**
- New service? Done with your wood bin? Contact the JBLM Program Manager. Phone: 253-477-2988. Email: usarmy.jblm.id-readiness.list.dpw-jblm-recycles@army.mil
- Most treated wood can be disposed of as non-hazardous solid waste.
- Do not mix treated, painted, stained wood or chip and particle board in with clean wood recycle containers. Treated wood may be disposed of in refuse dumpsters. Questions? Call LeMay 253-875-5886.
- Creosote tar treated poles must be cut in 4–6-foot lengths and put in the dumpster. Check with LeMay at 253-875-5886.

Questions? Contact the JBLM Solid Waste: usarmy.jblm.id-readiness.list.dpw-jblm-recycles@army.mil.

YAKIMA TRAINING AREA (YTC)

Units that are traveling to YTC for training missions are prohibited from taking Hazardous Waste drums and P2 equipment. YTC has a One-Stop Shop where units who are training at that facility can utilize those assets. YTC has strict in and out-processing procedures to help ensure a safe trip to and from the facility. For more information regarding training at the YTC call 509-577-3151.

- Questions about Refuse and Recycling at YTC: 509-577-3400.
- Questions about Hazard Waste at YTC: 509-577-3545.
- Check out the website for all YTC information at: https://home.army.mil/yakima/application/files/1315/8405/6610/Training_Unit_SOP_20200313.pdf.

YARD WASTE & LAND CLEARING DEBRIS

Yard waste includes wood chips, tree limbs, branches, brush, shrubs, fall leaves, and grass clippings. **No** sod, dirt, rocks, scotch broom, trash, plastic bags, or animal waste.

Yard waste from Military activities may go to Earthworks Composting Facility, (Bldg. 7602): 253-967-3803. Must call before arriving. Subject to change.

PHONE NUMBERS

American Water	253-366-9127
Defense Logistics Agency (DLA)	253-844-3907
Hazardous Material Control Center	253-966-0472
Directorate of Logistics:	
Ammo Supply Point (ASP)	253-967-7822/7841
Amnesty Boxes	253-967-6669
Property Book Office (PBO)	253-967-2342
Tank Purging	253-966-1779
Borrow Source Area Manager email:	
usarmy.jblm.id-readiness.list.dpw-earthworks@army.mil	
Explosive Ordinance Disposal (EOD)	253-967-1971
Environmental Operating Permit (EOP)	253-966-6470
Earthworks/Composting Facility	253-967-3803
Fire Prevention Officer	253-966-7156
Household Hazardous Waste	253-967-4786
Hazardous Waste	253-967-4786
Illegal Dumping	
JBLM illegal dumping dispatch	253-967-3107
Installation Property Book Office (IPBO)	253-967-5321
Joint Base Safety Office (JBSO)	253-967-3079
Landfills:	
Puyallup, Pierce County	253-847-7555
Tacoma, Pierce County	253-502-2100
Hawks Prairie, Thurston County	360-867-2491
LeMay Service Requests	253-875-5886
Permits:	
Asbestos	253-966-1776
Dig	253-967-5237
Discharge	253-366-9127
Range Support	253-967-6371
Scrap Metal	253-966-1801/253-966-1733
Service Order Desk	253-967-3131
Sharps - contact Madigan (MAMC)	253-968-0949
Solid Waste COR	253-466-2988
Solid Waste Program Manager	253-966-2814
Storm Water Program Manager	253-967-2837
Email: usarmy.jblm.id-readiness.list.dpw-stormwater@mail.mil	
Toxic Substances Management	253-966-1775/1776
Waste Water Treatment Plant	253-967-7453
Water Program Manager	253-966-1768, 253-967-2837
Yakima Training Center	
Hazard Waste	509-577-3545
Enviro Division	509-577-3151