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3rd Edition



Joint Base Lewis-McChord
Environmental
Guidebook



SUSTAINABLE JBLM

NET ZERO • ENERGY • WASTE • LAND • AIR • WATER

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) Achieve a secured renewable sourced installation by 2040 (Net Zero Energy).

Sustainable Community

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

Products and Materials

4) Achieve a net-zero waste installation by 2020.

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 (Net zero Land).
- 6) To assist in the recovery of all listed and candidate federal species in the South Puget Sound Region (Net Zero Land).

Water Resources

- 7) Achieve a secured net-zero water installation by 2020.



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

Table of Contents

ABSORBENTS.....	8
ADHESIVES AND SEALANTS.....	8
AEROSOL CANS	8
AMMUNITION/BRASS	9
ANTIFREEZE	9
APPLIANCES.....	10
ASBESTOS	10
Brake Shoes, Brake Pads & Clutch Disks	10
Building Construction and Demolition Waste.....	11
Safes and Cabinets	11
ATROPINE INJECTORS	11
BATTERIES	11
BLOOD BORNE PATHOGENS (BBP).....	12
BRAKE FLUID	12
CBRNE/NBC MASK FILTERS	12
CARDBOARD.....	12
CLASSIFIED DOCUMENT DISPOSAL	13
CONCERTINA WIRE	13
DS2 CONTAINERS: DEMILITARIZATION (DEMIL) REQUIRED PROPERTY	13
DETECTOR/DECON KITS	13
DIG PERMITS	14
DRAIN PANS AND DRIP PANS.....	14
E-WASTE.....	14
ENVIRONMENTAL OPERATING PERMIT (EOP)	15
FILM PLASTIC (WRAP AND PLASTIC BAGS)	15
FIRE EXTINGUISHERS.....	15
FUEL	15
FURNITURE.....	16
GAS CYLINDERS - REFILLABLE	17
GAS CYLINDERS – SINGLE USE.....	17

GLASS	17
GREASE (MAINTENANCE).....	17
GREASE (KITCHEN)	18
HAZARDOUS MATERIALS STORAGE	18
Corrosive Locker.....	18
Flammable Locker	18
Blue Sheds.....	18
White Sheds	19
Polypaks	19
HOUSEHOLD HAZARDOUS WASTE (HHW).....	19
ILLEGAL DUMPING	19
LEAD BASED PAINT.....	20
LIGHT BULBS.....	20
MERCURY-CONTAINING EQUIPMENT / ITEMS	20
MATTRESSES	21
MOP WATER.....	21
MRE HEATERS	22
OIL	22
OIL FILTERS.....	22
OIL WATER SEPARATORS	23
OZONE DEPLETING SUBSTANCES (ODS).....	23
PAINT - [Oil-based paint and stain, latex (water-based) paint and stain]	24
PALLETS.....	24
PAPER.....	24
PARTS WASHERS	25
PESTICIDES, HERBICIDES, RODENTICIDES	25
PLASTIC	26
PCB BALLASTS & TRANSFORMERS	26
RADIOACTIVE MATERIALS.....	26
RAGS.....	26
REFUSE/TRASH/GARBAGE	27
RECYCLING CENTERS.....	27

SCRAP METAL.....	28
SHREDDED PAPER	28
SPILLS	28
STYROFOAM.....	29
SYRINGES/NEEDLES.....	29
TANK PURGING	30
TIRES.....	30
TONER/PRINTER CARTRIDGES	30
UNMARKED/UNLABELED CONTAINERS	31
VEHICLES	31
WASH RACKS.....	31
WATER GENERATED DURING FIELD EXERCISES	32
WEAPONS CLEANERS/SOLVENT TANKS	32
CLEAN WOOD.....	33
TREATED WOOD.....	33
YAKIMA TRAINING AREA (YTC)	33
YARD WASTE & LAND CLEARING DEBRIS.....	33
PHONE NUMBERS	34
ACRONYMS	35

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 succinct 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 the JBLM Solid Waste and Recycling Outreach Coordinator at 253-966-6444 or usarmy.jblm.imcom.list.dpw-jblm-recycles@mail.mil.

JBLM is the third largest US Army CONUS installation. 1 million Service members and their Families, Civilian workers, contractors, and retirees and other community members 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 13693 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 the JBLM Solid Waste and Recycling Outreach Coordinator.

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 DPW ED Hazardous Waste Program (Bldg. 1210) by approved personnel.
- Absorbents contaminated with hazardous materials should be stored properly until picked up by a Hazardous Waste Technician from the DPW ED Hazardous Waste Program.
- POL Saturated Sorbents can be put in the dumpster.
- Contact Hazardous Waste Program at 253-967-4786 (M-F 0700-1600) 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 have them picked up by a Hazardous Waste Technician from DPW ED Hazardous Waste Program.
- Contact DPW ED Hazardous Waste Program at 253-967-4786 to schedule a pick-up and for further information
- Personnel living on base may bring their used or spent items to Household Hazardous Waste (HHW) at Building 1210 Monday - Thursday 0700 - 1600 and Friday 1300 - 1500.

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.
- Pick-up of spent aerosol cans can be scheduled with your Hazardous Waste Technician from DPW ED Hazardous Waste Program or via the general phone line (967-4786).
- Household aerosol cans may be taken to Household Hazardous Waste (HHW) at Public Works Environmental Operations Building 1210 Monday - Thursday 0700 - 1600 and Friday 1300 - 1500.

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 DPTMS Range Support (if on ranges) and to Explosive Ordnance 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 includes 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 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
Range Support	253-967-6371
Amnesty Boxes	253-967-6669
Explosive Ordnance Disposal (EOD)	253-967-1971
Emergency	253-967-5507

ANTIFREEZE

Antifreeze typically contains ethylene glycol. Used antifreeze may contain low concentrations of toxic metals. 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.
- Personnel living on base may bring their used antifreeze for disposal to HHW at Bldg. 1210, M-Th 0700-1600 & F 1300-1500, 253-967-4786.

APPLIANCES

All government owned or purchased appliances, regardless if on a hand receipt or not, must be turned in to the Installation Property Book Office (IPBO), Building 9640. 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 section for Refrigerators.)

- The IPBO accepts appliances from Units for disposal at Building 9640 Bay D.
- 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 contact your representative for disposal instructions or take to your local landfill.
- Questions: usarmy.jblm.imcom.list.dpw-jblm-recycles@mail.mil

Contact Phone Numbers

Installation Property Book Office (IPBO)	253-967-7922
Hidden Valley Landfill (Puyallup)	253-847-7555
Tacoma Transfer station	253-591-5418
Hawks Prairie Transfer Station (Lacey)	360-786-5494
JBLM Solid Waste & Recycling Outreach	253-966-6444 or 253-967-1374

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.

- Contact Environmental Division Toxic Substances Management (TSM) at 253-966-1776 or 966-1775 to request a permit. It is valid for disposal of asbestos containing items for up to ten days.
- Follow Information Paper guidance for handling asbestos materials, available from TSM POC at 253-966-1776 or 253-966-1775.
- Personnel approved on a TSM form may go to Bldg. 1210, 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.
- Disposal of asbestos containing material must be transported to Bldg. 1210 with two signed copies of your permit; one for your records and one to leave with the attendant.

ASBESTOS

Building Construction and Demolition Waste

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

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

Safes and Cabinets

Prior to disposal all safes and cabinets must be checked for asbestos. Call DPW ED Hazardous Waste Program, Bldg. 1210 at 253-967-4786.

ATROPINE INJECTORS

Atropine, Mark I Kits and ATNAA (Antidote Treatment Nerve Agent Auto-Injector) 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, Bldg. 9665 in the Log Center area. 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.

BATTERIES

Batteries are considered Universal Waste (UW). 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 base may bring their used batteries for disposal to HHW at Bldg. 1210, M-Th 0700-1600 & F 1300-1500, 253-967-4786.

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 DPW ED Hazardous Waste Program, Building 1210 at 253-967-4786. Hazardous Waste Program personnel will be dispatched to the site to make a determination as to the level of necessary response.

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 together.

- Contact DPW ED Hazardous Waste Program, Bldg. 1210, at 253-967-4786 for further information.
- Personnel living on base may bring their used brake fluid to HHW to Bldg. 1210, M-Th 0700-1600 & F 1300-1500, 253-967-4786.

CBRNE/NBC MASK FILTERS

Protective mask filters may contain heavy metal chemical compounds.

- Contact DPW ED Hazardous Waste Program, Bldg. 1210, at 253-967-4786, for further information.

CARDBOARD

- Clean cardboard should be flattened and recycled in either a commingled recycling or cardboard only container.
- Excess cardboard can be taken to either of the JBLM Recycling Centers.
- 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.imcom.list.dpw-jblm-recycles@mail.mil.

Contact Phone Numbers

JBLM Solid Waste & Recycling Outreach
JBLM Lemay Service Questions

253-966-6444 or 253-967-1374
253-875-5886.

CLASSIFIED DOCUMENT DISPOSAL

Classified documents contain sensitive and personal information that must be protected for security reasons.

- 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.
- To schedule an appointment and further details see: <http://www.lewis-mcchord.army.mil/OPTMS/security/destruction.htm>.

CONCERTINA WIRE

Concertina wire may pose a safety risk to soldiers and the environment. It is a recyclable commodity.

- 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 at 253-967-7642 to schedule an appointment for turn in.
- For non-usable material contact the Solid Waste and Recycling Outreach Coordinator at 253-966-6444 to obtain proper documentation.

DS2 CONTAINERS: DEMILITARIZATION (DEMIL) REQUIRED PROPERTY

DS2 is an alkaline liquid that is highly corrosive to skin and requires 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 DPW ED Hazardous Waste Program. 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 at Bldg. 1210, 253-967-4786, for further information.

DETECTOR/DECON KITS

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

- Contact Environmental Services at Bldg. 1210, 253-967-4786, for further information.

DIG PERMITS

Digging can affect underground utilities and environmentally and 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 253-967-5237, Building 2044, Door #3. Hours: 0730 – 1530 Monday - Friday. See <http://www.lewis-mcchord.army.mil/publicworks/sites/services/digPermit.aspx> for more details.
- Contact DPW at 253-966-6452 or email: usarmy.jblm.imcom.list.dpw-earthworks@mail.mil for all other digging, dumping or hauling inquiries.

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 $\frac{3}{4}$ 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.
- Take the skimmed water and place in an Oil Water Separator (OWS).
- Units should empty line drip pans after each rain event, using the procedures above.

E-WASTE

Personal electronic waste such as computers (desktop, laptop and portable computers), monitors (LCD or Plasma), TVs, VCRS, DVD players, printers, copiers, fax machines and other electronic items can be recycled at the JBLM Recycling Centers. Ensure computer hard drives have been removed. For other electronics with an operating system (OS), wipe the OS or reset to factory default.

This does not include appliances or government property. See Appliances section above. Do not take government property to the Recycling Centers.

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 units in setting up their environmental program, identify environmental requirements related to the processes performed by the unit and inform and educate assigned personnel as to their responsibilities for meeting environmental requirements. The EOP provides procedures and other information for operating IAW regulatory requirements. The unit is responsible for contacting ED at 966-6470 to coordinate the issue of its EOP.

FILM PLASTIC (WRAP AND PLASTIC BAGS)

Plastic bags are made out of "film", or thin flexible sheets of plastic. Plastic film is typically defined as any plastic less than 10 mil thick. The majority of plastic films are made from polyethylene resin and are recyclable if the material is clean and dry.

- Take film plastic to either of the JBLM Recycling Centers.
- Contact the Solid Waste and Recycling Outreach Coordinator (253-966-6444) for bulk pickups.

FIRE EXTINGUISHERS

- All building extinguishers are obtained through the Fire Extinguisher shop at Bldg. 2014. For information contact the Fire Extinguisher shop at 253-966-2600. Hours of operation are Monday - Friday 0800 - 1500.
- Vehicle fire extinguishers are considered part of the vehicle itself and are the operator's responsibility to maintain. However, if your vehicle fire extinguisher needs to be recharged or serviced contact the HMCC (Bldg. 09669; 253-966-0472) to have it verified, recertified and reissued. Note that vehicle/equipment fire extinguishers may contain residue that could be an 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.

- Empty containers previously containing a flammable liquid must be disposed of through the DPW ED Hazardous Waste Program, Bldg. 1210.
- When tank or drum is $\frac{3}{4}$ full, contact the DPW ED Hazardous Waste Program, at 253-967-4786 to request a pump out.
- Personnel living on base may bring their used or empty fuel containers to Household Hazardous Waste (HHW) at Building 1210 Monday - Thursday 0700 - 1600 and Friday 1300 - 1500.

FUEL FILTERS

Filters contaminated with diesel, fuel, F-24 or JP-8 are considered hazardous waste and will not be crushed. 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 ED Hazardous Waste Program (253-967-4786) and request pick up of the container.
- Personnel living on base may bring their used filters to Household Hazardous Waste (HHW) at Building 1210 Monday-Thursday 0700-1600 and Friday 1300-1500.
- For proper disposal of oil filters, see “Oil Filters” section.

FURNITURE

When possible donate reusable furniture to the Ft Lewis Thrift Shop, Bldg. 2071 or McChord Thrift Shop, Bldg. 709. All government owned or purchased furniture, regardless if on a hand receipt or not, must be turned in to the Installation Property Book Office (IPBO), building 9640. Personally purchased furniture must be disposed of off-base at the county landfill or transfer station. Do not leave personally purchased furniture or furniture in, on or around JBLM refuse containers. Illegal dumpers will be prosecuted.

- The IPBO accepts furniture from Units for disposal at Building 9640 Bay D.
- 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.
- Email the Thrift shops for questions regarding their acceptance policies at fortlewis thriftshop@gmail.com or mcchordthriftshop@gmail.com.
- Residents of on-base JBLM Housing contact your representative for disposal instructions or take to your local landfill.
- Questions: usarmy.jblm.imcom.list.dpw-jblm-recycles@mail.mil.

Contact Phone Numbers

Installation Property Book Office (IPBO)	253-967-7922
Hidden Valley Landfill (Puyallup)	253-847-7555
Tacoma Transfer station	253-591-5418
Hawks Prairie Transfer Station (Lacey)	360-786-5494
JBLM Solid Waste and Recycling Outreach	253-966-6444 or 253-967-1374

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.

- Storage requirements should be coordinated with your Environmental Advisor, call 253-967-4786, usarmy.jblm.imcom.list.dpw-environmental-advisors@mail.mil.
- Cylinders can be exchanged by units at the Hazardous Materials Control Center (HMCC), 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. The SSA should use the cylinder turn-in checklist provided by your P2 unit environmental advisor.
- For unserviceable cylinders contact the Hazardous Waste Program, 253-967-4786, or dispose at Bldg. 1210.

GAS CYLINDERS – SINGLE USE

Propane, Vehicle Starting Fluid, MAPP Gas, etc.

- For information regarding the disposal of gas cylinders call the DPW ED Hazardous Waste Program, Bldg. 1210 at 253-967-4786.
- Personnel living on base may bring their used cylinders (full or empty) for disposal to Household Hazardous Waste (HHW) to Building 1210 Mon-Thurs 0700 - 1600 and Fri 1300 – 1500.

GLASS

Because glass breaks during collection and processing, it contaminates the other recyclables. Therefore glass cannot be placed in commingle recycling containers.

- Clean glass with lids removed can be taken to the JBLM Recycling Centers.
- Large quantity generators of glass can contact the Solid Waste and Recycling Outreach Coordinator at 253-966-6444, for additional options.

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 go to Bldg. 1210 to pick up approved hazardous waste containers.
- Personnel living on base may bring their used grease for disposal to Household Hazardous Waste (HHW) to Building 1210 M-Th 0700 - 1600 and F 1300 – 1500.

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.

- Personnel living on base may bring their used cooking oil to the JBLM Recycling Centers.
- Dining facilities on the installation can contact 253-966-3286, for grease interceptor repair or cleaning.
- Dining facilities can recycle used oil in containers provided by Public Works. 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.
- Contact the ED Water Program for additional information on handling of grease/oil at 253-967-2837 or 253-966-1768.

HAZARDOUS MATERIALS STORAGE

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.

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, then the unit must procure.

HAZARDOUS MATERIALS STORAGE

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 253-966-6449 to see if any 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)

HHW has a potential risk to people and the environment. Leftover household products that contain corrosive, toxic, ignitable or reactive ingredients are considered to be HHW. When it is time to dispose of products such as paints, cleaners, oils, batteries and pesticides that contain potentially hazardous ingredients they require special care. When moving, household chemicals cannot be shipped with household goods.

- Personnel living on base may bring their HHW to Building 1210 M-Th. 0700 - 1600 and F 1300 – 1500. Phone 253-967-4786.

ILLEGAL DUMPING

Illegal dumping is a major problem at JBLM. It 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 is illegal.
- Placing trash and other items outside of dumpsters on the installation is illegal.
- Placing hazardous materials inside dumpsters is illegal.
- Bringing trash from off-base and putting it in on-base dumpsters illegal.
- Questions? Call the JBLM illegal dumping coordinator at 253-377-4749.

If you witness illegal dumping call 911 or JBLM Dispatch 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.

- Determine if the buildings contain lead by contacting the DPW ED TSM Program, Bldg. 2012 at 253- 966-1775. 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.
- For questions regarding storage of lead based paint, contact your Environmental Advisor in Bldg. 1210 at 967-4786.

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.

- 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.
- Personnel living on base may bring their used bulbs for disposal to Household Hazardous Waste (HHW) at Bldg. 1210, Hours M.-Th. 0700-1600 & Fri. 1300-1500.

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.
- 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 pick-up, Bldg. 1210 at 253-967-4786.

MATTRESSES

Government owned mattresses must be turned in to the First Sergeants Barracks Program (FSBP). All government owned or purchased furniture, regardless 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. 9640 Bay D.
- 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.imcom.list.dpw-jblm-recycles@mail.mil.

Contact Phone Numbers

Installation Property Book Office (IPBO)	253-967-7922
Hidden Valley Landfill (Puyallup)	253-847-7555
Tacoma Transfer station	253-591-5418
Hawks Prairie Transfer Station (Lacey)	360-786-5494
JBLM Recycling Outreach Coordinator	253-966-6444 or 253-967-1374

MOP WATER

Mop and/or cleaning water can contaminate storm water 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).

- Never dump mop water to an oil water separator, wash rack or storm drain.
- Disposal to ground, vehicle hard stands, parking lots, storm sewers, or ditches is not permitted.
- Routine mop water from building and floor cleaning should be dumped into a mop or utility sink that leads to a sanitary sewer.

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 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, cases of MRE's fall under the critical mass category and must be disposed of as hazardous waste. Call 253-967-4786 to dispose of as hazardous waste.

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.

- 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 go to the DPW ED Hazardous Waste Program at Bldg. 1210 to request a proper storage tank/drum.
- When tank/drum is $\frac{3}{4}$ full, call 253-967-4786 to request a pump out of oil.
- Personnel living on base may bring their personal use oil to HHW to Bldg. 1210, M-Th 0700-1600 & F 1300-1500, phone: 253-967-4786.

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 253-967-4786 to request a pick up.
- Oil filters that have been crushed should be free of all oils and can be placed in your scrap metal recycle bin.
- If your unit does not have a scrap metal bin they may be accumulated in a container marked "Scrap Metal" and transported to the either recycle center for recycling.

OIL WATER SEPARATORS

Oil Water Separators (OWS) serve as a pretreatment before discharge into the sanitary or storm-water 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.
- Questions regarding OWS or best management practices should be directed to the DPW (ED) Water Program at 253-967-2837 or 253-966-1768.
- For repairs contact the DPW Service Order Desk at 253-967-3131.
- Need a Wastewater Discharge Permit? Call 253-966-3844.

OZONE DEPLETING SUBSTANCES (ODS)

Ozone depleting substances (ODS) if released into the environment, destroy the protective ozone layer above the earth. Many older household appliances 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.

For these reasons, only technicians certified in accordance with the Clean Air Act may work with ODS refrigerants or service ODS-containing equipment.

- The IPBO accepts appliances containing ODS from Units at Bldg. 9660 Bay D.
- Personally purchased ODS-containing appliances should be taken to your local landfill for proper disposal. Questions? Call Bldg. 1210 at 253-967-4786 or email: usarmy.jblm.imcom.list.dpw-jblm-recycles@mail.mil.

Contact Phone Numbers

Installation Property Book Office (IPBO)	253-967-7922
Hidden Valley Landfill (Puyallup)	253-847-7555
Tacoma Transfer station	253-591-5418
Hawks Prairie Transfer Station (Lacey)	360-786-5494
JBLM Recycling Outreach Coordinator	253-966-6444 or 253-967-1374

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 ED Hazardous Waste Program at Bldg. 1210, phone: 253-967-4786.
- Latex paint must be dried up before being placed in the garbage. Mix in an absorbent like cat-litter or strips of newspaper to speed up drying time.
- DO NOT clean paint materials/brushes/rollers in unit/activity parts washers.
- Depending on type of paint or stain materials used some tarps, rollers, brushes, gloves and stir sticks that have dried may be placed in the trash (latex) or disposed of through the DPW ED Hazardous Waste Program at Bldg. 1210 (Oil-based).
- Do not discharge paint to storm drains or septic systems. Where possible reuse the wastewater by allowing solids to settle out and pouring off water into another container. The latex solids can then be dried out and managed as latex paint waste.
- Personnel approved on a Customer Service Agreement (HJB Form 223) may go to Bldg. 1210 to pick up approved hazardous waste containers.
- Personnel living on base may bring their personal paint or stains to HHW at Bldg. 1210, M-Th 0700-1600 & F 1300-1500, phone: 253-967-4786.

PALLETS

Pallets can be recycled in the clean wood waste bin, usually located in your motor pool or SSA, or self-hauled to either JBLM Recycling Center.

- For updated information on pallet recycling, please contact the JBLM Solid Waste and Recycling Outreach Coordinator at 253-966-6444 or email: usarmy.jblm.imcom.list.dpw-jblm-recycles@mail.mil.

PAPER

Paper and paper products contaminated with food or hazardous material residue cannot be recycled and is considered trash. Dispose of properly.

- Place paper in the commingled recycle container.
- Shredded paper should be placed in a clear plastic bag and tied off before placing in the commingled recycle container.
- Excess amount of paper may be taken to the either JBLM recycle center.
- If unit/activity relocates, leave recycle containers assigned to the building in place.
- Questions? Contact the JBLM Solid Waste and Recycling Outreach Coordinator, at 253-967-6444 or usarmy.jblm.imcom.list.dpw-jblm-recycles@mail.mil.

PARTS WASHERS

All personnel are required to read and adhere to the applicable solvent/cleaning agent Safety Data Sheets (SDS), warning labels, and information posted on parts washing equipment. Goggles and gloves are required PPE, aprons are recommended, and a Spill Kit should be readily accessible.

- All solvents must be ordered through the HMCC using the EESOH-MIS system. Do not use deployment solvents, they may not be approved for use on this 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 253-967-4786 to obtain one.
- Prior to servicing, moving or adding additional product to the equipment contact Bldg. 1210 at 253-967-4786.

PESTICIDES, HERBICIDES, RODENTICIDES

These items are designed to kill pests but 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. Contact your Environmental Advisor for proper material handling and storage instructions at 253-967-4786.
- 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) may go to Bldg. 1210 to pick up approved hazardous waste containers.
- Personnel living on base may bring their personal pesticides to Household Hazardous Waste (HHW) at Building 1210 M-Th 0700 - 1600 and F 1300 – 1500.

PLASTIC

Plastic contaminated with food or hazardous material residue cannot be recycled and should be disposed of appropriately.

- 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 call Earthworks for instructions at 253-967-3803.
- Excess recyclables may be taken to either of the Installation Recycling Centers.
- Need recycling containers in your area? Contact Outreach at 253-966-6444 or usarmy.jblm.imcom.list.dpw-jblm-recycles@mail.mil.
- Need service? Call LeMay 253-875-5886.

PCB BALLASTS & TRANSFORMERS

PCB's 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.
- PCB's 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 the DPW Hazardous Waste Program, Building 1210, 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.

RAGS

Rags saturated with POL or other materials may be flammable and/or toxic.

- Personnel approved on a Customer Service Agreement (HJB Form 223) may go to Bldg. 1210 to pick up approved hazardous waste containers.
- If you require a Customer Service Agreement or need additional assistance contact 253-967-4786.
- Personnel living on base may bring their used rags for disposal to HHW at Bldg. 1210.

REFUSE/TRASH/GARBAGE

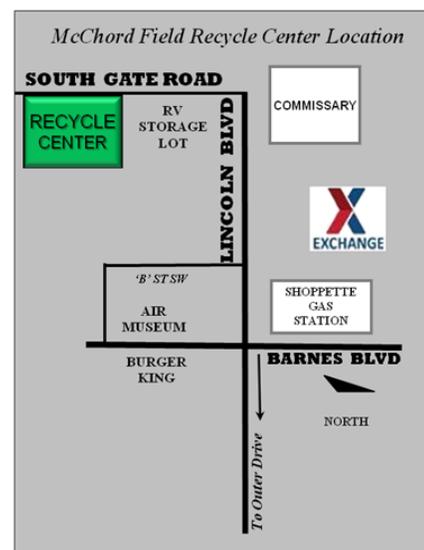
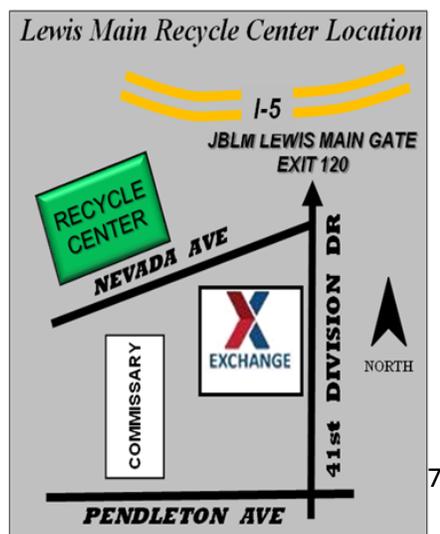
Reducing, reusing and recycling materials diverts large portions of waste from disposal however some waste must still go to landfills. Personnel are prohibited from bringing off base trash onto base and placing it in dumpsters.

- New services for garbage dumpsters in the cantonment area must be coordinated with the JBLM Solid Waste and Recycling Outreach Coordinator at 253-966-6444.
- Dumpsters in the training areas may be requested with approval and unit funding. Contact Outreach at 253-966-6444 or usarmy.jblm.imcom.list.dpw-jblm-recycles@mail.mil.
- Ensure dumpster lids are kept closed to keep rainwater from collecting in the containers.
- Housing area refuse collection must be coordinated through your Housing representative.
- Need your dumpster emptied or additional pickups? Call LeMay at 253-875-5886.

RECYCLING CENTERS

The recycling centers on the installation were developed to make recycling as easy and convenient as possible. Free drop-in recycling for all ID card holders is available at either location. The money made from recycling efforts at JBLM supports Family and Morale, Welfare and Recreation, safety and sustainability programs while fulfilling JBLM's Net Zero goal of reducing waste through recycling. Tossing waste in the correct container eliminates unnecessary strain on natural resources. Do your part, RECYCLE!

- Household Hazardous Waste (HHW) such as poisonous or flammable liquids? Contact the DPW ED Hazardous Waste Program at Bldg. 1210, 253-967-4786.
- Items to be demilitarized must go through proper disposal channels.
- Lewis Main recycling center is located at Bldg. 5290 Nevada Avenue between 41st Division and N. 12th Street, across from the commissary. It is open Tuesday-Saturday, 0730-1600. See Map at end of the book.
- McChord Recycle Center is located at Bldg. 516 on South Gate Road. It is open Tues-Sat, 0730-1600.



SCRAP METAL

Scrap metal recycling in the U.S diverts 120 million tons of material annually from landfills, conserving natural resources and reducing greenhouse gases.

- Need assistance with a obtaining a scrap metal bin, emptying or disposal? Contact JBLM Solid Waste and Recycling Outreach at 253-966-6444.
- If you do not require a container and have excess amounts of scrap metal it may be taken to either JBLM Recycling Center.
- 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 phone number is 253-967-7642.

SHREDDED PAPER

Shredded paper that is free of plastic and metal and is contained in a securely closed clear plastic bag is accepted in commingled recycling containers. Classified documentation must be handled differently. Refer to the "Classified Document Disposal" section above.

SPILLS

REPORT THE SPILL, CALL 911

Many hazardous substances are used in the daily operation of the installation. Failure to properly report and clean up spills of these substances is a legal violation and can result in impacts to human and environmental health and safety.

OSHA Hazardous Communications (HazCom) regulation requires all employees who work with or around hazardous materials to be familiar with and trained in the potential chemical hazards of their work place. Safety Data Sheets (SDS) are required to be maintained on all hazardous materials.

- Be Prepared-Know response equipment location and response procedures.
- Notify-Tell your supervisor and call 911 immediately. If your supervisor is not immediately reachable, call 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. SWIM: Stop, Warn, Isolate, Minimize.
- Spills in JBLM training areas should be directed to Range Support: Bldg. 4074, 253-967-6371, 253-967-7974.

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 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 waste water or sweepings. Contact the DPW ED Hazardous Waste Program, Bldg. 1210, 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. You must fill out a spill report form (HJB Form 228) and provide it to the Hazardous Waste Program, Bldg. 1210. Direct questions regarding the form to 253-967-4786.

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. Contaminate hull water must be placed in properly labeled hazardous waste containers for disposal.
- General Questions please call the JBLM DPW Water Program: 253-966-1768 or 253-967-2837.
- Temporary Discharge Permit for Oil Water Separator: 253-982-6216 or WWTP 253-967-7453.

STYROFOAM

Styrofoam is not currently recycled on JBLM. Dispose of 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-resistant, leak-proof container labeled "BIOHAZARD" in bold letters. Designated containers may be purchased at most pharmacies or you may use a sealed 2 liter bottle.
- When these containers are no more than 2/3 full they should be tightly taped up for proper disposal.
- Contact the DPW ED Hazardous Waste Program, Bldg. 1210, 253-967-4786 for disposal of items found on post.

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 the pretreatment coordinator for guidance at 253-982-6216.

- Determine if purging of containers/vehicles is required.
- Purging cannot be done on unit wash racks.
- If the quantity of fuel is more than 15 gallons, special pump out requirements apply. Contact the DPW ED Hazardous Waste Program, Bldg. 1210, 253-967-4786.

TIRES

Once worn out tires are taken off automobiles and they are considered scrap tires. In the past, these tires were often dumped illegally in lakes, abandoned lots, and along the side of the road, but today 90 percent are recycled.

- 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 253-966-6444 or usarmy.jblm.imcom.list.dpw-jblm-recycles@mail.mil.

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 one of the JBLM Recycling Centers or to the DPW ED Hazardous Waste Program, Bldg. 1210.

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, Bldg. 1210 at 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, 253-967-3728.
- Washing your personal vehicle on JBLM is only permitted at the commercial facilities on the installation.
- To report an abandoned vehicle contact 911 or 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 Fort Wash Rack.
- Contact the DPW ED Water Program at 253-966-1768 or 253-967-2837 with questions regarding the permit required management practices for wash racks.

WATER GENERATED DURING FIELD EXERCISES

During field training exercises (FTX) different types of liquid waste are generated from missions such as a 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 that is protected as potential source of drinking water.

- At least ten (10) working days prior to the start of any field mission/exercise that will generate a water waste contact ED Water Program at 253-966-1768 or 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-latrines 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 dechlorination 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 Wastewater Treatment Plant, 253-967-7453.

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 HMCC.
- 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 the Environmental Services (ES), Bldg. 1210.
- Servicing of equipment as well as adding solvent shall be done by your ES Specialist at Bldg. 1210.

CLEAN WOOD

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

- Untreated wood (broken pallets and scrap wood) may be taken to the JBLM Recycling Centers.
- New service? Done with your wood bin? Contact the JBLM Solid Waste and Recycling Outreach Coordinator. Phone: 253-966-6444. Email: usarmy.jblm.imcom.list.dpw-jblm-recycles@mail.mil.
- If the wood bin needs to be emptied, please call LeMay 253-875-5886.

TREATED WOOD

Most treated wood can be disposed of as a non-hazardous solid waste.

- Treated wood may be disposed of in refuse dumpsters.
- Do not mix treated, painted, stained wood or chip and particle board in with clean wood recycle containers.
- Creosote treated poles must be cut into 4-6 foot lengths and put in the dumpster.
- Questions? Contact the JBLM Solid Waste and Recycling Outreach Coordinator, 253-966-6444 or usarmy.jblm.imcom.list.dpw-jblm-recycles@mail.mil.

YAKIMA TRAINING AREA (YTC)

Units that are traveling to YTC for training missions are prohibited from taking a 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 you can call 509-577-3151. For Hazard Waste at YTC: 509-577-3830 or

https://army.deps.mil/army/cmds/imcom_usag1/yakima/dptms/SitePages/Training%20Units.aspx.

YARD WASTE & LAND CLEARING DEBRIS

Yard waste includes branches, brush, brown leaves, grass clippings, fruit and vegetable trimmings, weeds, flowers, plants and shrubs.

- No trash, dirt, rocks or animal waste
- Take yard waste to either of the JBLM Recycling Centers or to Earthworks Composting Facility (Bldg 7602) 253-967-3803.

PHONE NUMBERS

Defense Logistics Agency (DLA)	253-967-7642
Hazardous Material Control Center	253-966-0472
Directorate of Logistics:	
Ammo Supply Point (ASP)	253-967-7822
Amnesty Boxes	253-967-6669
Property Book Office (PBO)	253-967-7922, 253-967-2913
Tank Purging	253-967-5071
Borrow Source Area Manager	253-966-2814, 253-966-6452
Explosive Ordinance Disposal (EOD)	253-967-1971, 253-967-5507
Environmental Operating Permit (EOP)	253-966-6470
Earthworks/Composting Facility	253-967-3803
Fire Extinguisher Shop	253-966-2600
Fire Prevention Officer	253-966-7156
Household Hazardous Waste	253-967-4786
Hazardous Waste (Bldg. 1210)	253-967-4786
Illegal Dumping	253-966-0869, 253-377-4749
Installation Property Book Office (IPBO)	253-967-7922
Joint Base Safety Office (JBSO)	253-967-3079
Landfills:	
Puyallup, Pierce County	253-847-7555
Tacoma, Pierce County	253-591-5543
Hawks Prairie, Thurston County	360-786-5494
Lemay Service Requests	253-875-5886
Permits:	
Asbestos	253-966-1776
Dig	253-967-5237
Discharge	253-966-3844
Range Support	253-967-6371
Scrap Metal	253-967-4786
Service Order Desk	253-967-3131
Sharps - contact Madigan (MAMC)	253-968-0949
Solid Waste & Recycling Outreach Coordinator	253-966-6444
Solid Waste Program Manager	253-966-1801
Storm Water Program Manager	253-967-2837, 253-966-1768,
Toxic Substances Management	253-966-1775
Waste Water Treatment Plant	253-967-7453
Water Program Manager	253-966-1768, 253-967-2837
Yakima Training Center	
Hazard Waste	509-577-3830
Enviro Division	509-577-3151

ACRONYMS

ASP	Ammo Supply Point
ATNAA	Antidote Treatment Nerve Agent Auto Injector
BBP	Blood Borne Pathogen
CBRNE	Chemical Biological Radiological Nuclear Explosive
CFC	Chlorofluorocarbon
DA	Department of the Army
DOD	Department of Defense
DECON	Decontamination
DEMIL	Demilitarization
DLA	Defense Logistics Agency
DOA	Delegation of Authority
DPW	Directorate of Public Works
DRMO	Defense Reutilization and Marketing Office
ED	Environmental Division
EOD	Explosive Ordnance Disposal
EOP	Environmental Operating Permit
EPA	Environmental Protection Agency
ES	Environmental Services
FRH	Flameless Ration Heaters
GAA	Grease, Automotive Artillery
GPC	Government Purchase Card
HAZCOM	Hazardous Communication
HCFC	Hydro-Chlorofluorocarbon
HHW	Household Hazardous Waste
HMCC	Hazardous Material Control Center
IAW	In Accordance With
IPBO	Installation Property Book Office
LWPS	Light Water Purification System
MAMC	Madigan Army Medical Center
MRE	Meals Ready to Eat
MWR	Morale, Welfare and Recreation
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
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
UXO	Unexploded Ordnance
UW	Universal Waste
WWTP	Waste Water Treatment Plant
YTC	Yakima Training Center