BATTERIES (LEAD-ACID GOVERNMENT)

POSSIBLE CONTAMINANTS OF CONCERN

The cells of a lead acid battery contain lead and lead dioxide and an acidic electrolyte solution of sulfuric acid. The electrolyte is a strong corrosive agent. Batteries may also vent explosive hydrogen gas. **Caution should be used when using jumper cables to avoid sparks near the battery**.

CHARACTERIZATION

Batteries are available for many types of equipment, vehicles, material handling equipment, lawnmowers, Gators, generators, emergency backup equipment, etc., and apply to batteries not in the Exide exchange program. All lead acid batteries are to be recycled.

HANDLING PROCEDURES

Step 1 Contact **PPOC Batteries** to determine requirements for turn-in.

Step 2 Battery electrolyte should not be drained from the battery and caps must be in place.

NOTE: If battery is damaged/leaking, unit must contact **PPOC Batteries** for a container. Do not store damaged batteries at the unit.

Battery Use & Storage

- New and used batteries must be stored in areas protected from the weather elements to avoid any ground or storm water discharge issues. They should not be stored in metal lockers.
- Battery acid containers should have caps replaced, and Baking Soda (from PPOC) should be available for acid neutralization.
- Do not place batteries in the HM return locker.

Batteries emit Hydrogen gas and could leak acid.

NOTE: Damaged batteries must be overpacked prior to turn-in (i.e., exterior case cracked). Over packs can be obtained through the PPOC by calling **PPOC Batteries.** Do not store damaged batteries at the unit. Label the overpack container "Leaking Lead Acid Battery"; place the battery inside the overpack and ensure the lid is tightly closed.

NOTE: Battery terminals MUST be taped to prevent electrical shorting. Metal strapping should not be used to strap batteries to pallets. Use duct tape or electrical on terminals.

DO NOT USE SCOTCH TAPE

GENERAL INFORMATION

For additional information see protocol sheet *Lead-Acid Batteries, A-16, A-17* or contact **PPOC Services. Call ahead for a turn in appointment (270)798-9765**