

WHAT IS A SPILL?

A spill is any event, outside of normal operations, which results in a loss of product or waste material. A spill includes any product loss associated with both controlled and uncontrolled pipeline breaks, tank overflows, hose breaks, etc. This includes material losses that are contained by overflow systems, secondary containment and leach stockpiles.

WHAT DO I DO WHEN A SPILL OCCURS?

- Any employee discovering a hazardous release must immediately contact **Spill Hotline 865-SPIL(7745)** and the responsible area Supervisor.
- All mine personnel who use the radio system as their means of communication (haul truck drivers, heavy equipment operators, etc) must contact the Administrative Supervisor at 865-7928, 865-7921 or the Command Center. The Administrative Supervisor or Command Center will then contact the Spill Hotline to report spills.
- An attempt should be made to identify the released material without endangering personnel. Refer to the tank, container or pipeline labels associated with the release to identify the released substance. If the material cannot be safely identified, evacuate the area.
- Avoid any contact with liquids and avoid inhalation of vapor, fumes, and smoke.
- An attempt should be made to limit the release without endangering personnel by constructing trenches, dikes, or applying absorbent/spill kits to spilled materials. This will reduce the risk of environmental damage and reduce the amount of area requiring cleanup. If **safely** possible, prevent the released material from leaving Morenci property.

Note on Spills of Strong Acid:

1. Keep combustibles (wood, paper, oil, etc.) away from a spill of strong acid.
 2. Do not touch the spilled material.
 3. Do not apply water unless directed to do so.
 4. If **safely** possible, stop the spill and dike the spill area.
 5. Isolate the hazard and deny entry to the area.
- The release area can be flagged with Environmental flagging (white with blue polka dots) immediately to prevent entry to the release location by unauthorized personnel.
 - Report the spill pursuant to the procedures outlined below.

PROPER REPORTING PROCEDURES

Morenci's spill policy (Environmental BMP No. 400 – Spill Notification) states that Environmental Services must be notified of all spills. Spills require verbal contact with the Spill Hotline attendant. Table 1 describes the proper notification procedure for various types of spills. If Direct verbal contact is required, the area Supervisor must contact the Environmental

SPILL HOTLINE • 865-7745

If no one can be reached at the hotline number, call an Environmental Services representative as follows:

Weekly Duty Roster (Monday through Sunday)

Please use the Weekly Duty Roster first.

It is distributed and emailed each week with SE Arizona Operations Weekend Duty List.

<https://fmteams.fmi.com/sites/MOREnv/default.aspx>

TABLE 1 PROPER REPORTING PROCEDURES FOR VARIOUS SPILL TYPES		
Spill Type	Time Period	Reporting Procedure
Spills containing hazardous substances (i.e. raffinate, electrolyte, etc.) that are NOT in containment areas or on active leach stockpiles.	<p>Must notify Spill Hotline Attendant immediately after becoming aware of the spill.</p> <p>865-7745</p>	<ul style="list-style-type: none"> • Verbal communication to spill hotline
Spills containing hazardous substances (i.e. raffinate, electrolyte, etc.) that ARE in containment areas or are on an active leach stockpile.		<ul style="list-style-type: none"> • Verbal communication to spill hotline
Petroleum spills		<ul style="list-style-type: none"> • Verbal communication to spill hotline

When verbal contact is made with the Spill Hotline (or an Environmental Services representative), the following information must be provided:

1. Date & Time of Spill
2. Location of Spill
3. Material Spilled
4. Name of Individual Notifying Environmental Services
5. Phone Number and/or Call Sign of Notifying Individual
6. Circumstances Causing the Spill
7. Spill Duration
8. Spill Flow
9. Acid Content (if applicable)
10. Copper Content (if applicable)

CLEAN UP

The responsible area Supervisor will organize and ensure proper clean up of the spill per **BMP No. 402 Spill Clean Up**.

INCIDENT ANALYSIS

If required, the area Supervisor must complete an incident analysis of the event and submit to the appropriate Environmental Services representative, area Superintendent, and department Manager. Incident analysis will address the root cause of the event and initiate actions to prevent a reoccurrence. Incident analyses will not be considered complete until all the actions to prevent a reoccurrence have been completed and follow-up documentation has been forwarded to the Environmental Services representative that responded to the spill.

EMPLOYEE TRAINING

All personnel shall receive training or at the least have access to this BMP when dealing with a spill on Morenci property. The Supervisor and/or Team Environmental Representative will provide this training to the workforce.

QUESTIONS OR NEED HELP? CONTACT:

Your Division Representatives

Enviro Administrative Assistant Extension: 865-6000