

# ENVIRONMENTAL MONTHLY GREEN SHARE

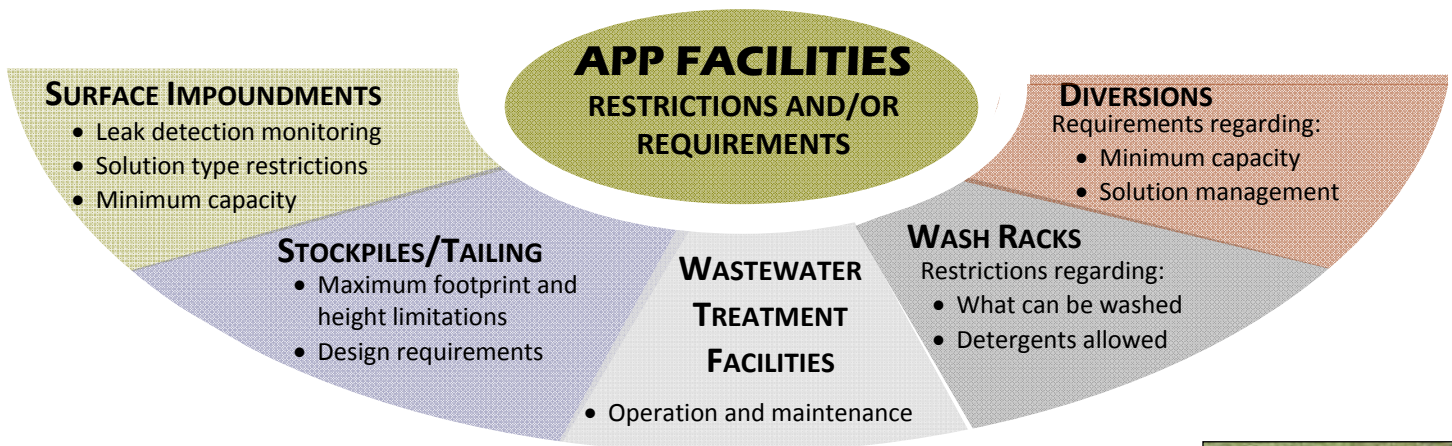
## Morenci Water Quality Aquifer Protection Permit Compliance

### What is the Aquifer Protection Permit (APP)?

Morenci's APP applies to the entire property and requires measures to reduce the migration of pollutants to the underlying aquifer. The various facilities at Morenci were constructed and are presently operated to ensure that the Best Available Demonstrated Control Technologies (BADCT) are being applied.

### How Does the APP Concern Me?

If you work around ponds, stockpiles, tailing impoundments, diversions, wells, wash racks, or wastewater treatment facilities, there are permit and other regulatory requirements that you need to be aware of. The following illustration provides just some of the APP requirements at Morenci.



### Examples of APP Requirements

- **Wells** – Numerous wells are located around the property. **ALWAYS** check with Environmental Services before you begin work that could affect the operation of a well.
- **Tailing Impoundments/Stockpiles** – Not just anything can be deposited on or buried within the tailing impoundments and stockpiles. Strict rules apply so check with Environmental Services if you're unclear regarding the policy.
- **Sumps** – All sumps at Morenci must be accounted for. Because sumps have the potential to discharge pollutants to the aquifer and therefore be subject to the APP program, it is important that you contact Environmental Services immediately if you need to capture solution in a new location.



### **What qualifies as a sump?**

*A sump is a low spot that collects liquid, such as rainwater, surface runoff, subsurface drainage, or piped solution.*

*Sumps commonly contain pumps but not always.*

*Tanks are not sumps, but a sump can be a tank.*