

ENVIRONMENTAL MONTHLY BULLETIN

June 2025

IT'S ALMOST MONSOON SEASON IN THE DESERT

Why Do We Care About Storm Water?

Arizona Department of Environmental Quality (ADEQ) mandates that FMSI must have a Stormwater Pollution Prevention Plan (SWPPP). This plan utilizes best management practices (BMPs) to reduce pollutants in stormwater discharges. Managing our Stormwater discharges also shows our stakeholders that we care about the environment and helps with our Social License to Operate.

So How Do We Manage Stormwater?

Following the guidelines from Safford's recently updated SWPPP and BMP 211, physical control measures are implemented that will either retain stormwater on site or that will reduce sediment loading before entering one of the local ephemeral drainages. These physical control measures can include:



- Storm water dams
- Berms
- Settling Ponds
- Rock check dams
- Rip-rap
- Gabion baskets
- Straw waddles



Waters of the United States

Roads crossing ephemeral drainages mapped as Waters of the U.S. should be "at grade" road crossings. Do not leave windrows on the shoulders of the road where the road crosses the drainage as this practice introduces elevated sediment loads to Waters of the U.S.



Environmental Tips & Tricks

Prior to monsoon season actually kicking off, check storm water controls in your work area.

- Are stormwater berms in the area in good condition? Is additional berming necessary?
- Are stormwater conveyances and diversions in the area free of weeds, fines, or other debris?
- Do the stormwater impoundments, or settling ponds, in the area have enough capacity?
- Evaluate whether or not pumps might be needed. Where would the stormwater be pumped to? Is there already a pipeline in place?
- Evaluate the potential for excessive run-on stormwater. Are upstream diversions in good shape, cleaned out? Is stormwater going to go where it needs to go?

When unsure of what to do, contact Environmental Services
(Top Floor ADMIN Building Site 2)

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