



City of Phoenix Aviation Department

## POLLUTION PREVENTION TEAM

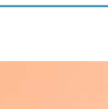
# STORMWATER

3RD EDITION - 2023 NEWSLETTER

# WELCOME

Welcome to the 2023 3rd Edition of the City of Phoenix Aviation Department Stormwater Pollution Prevention Newsletter. This newsletter is for you, a key member of our wonderful Stormwater Pollution Prevention Team. Please keep reading to learn more and see how you can improve stormwater quality today!

If you know of anyone interested in learning more about stormwater, please have them subscribe [here](#).



IT'S PL<sup>Y</sup>NE  
ONLY RAIN IN THE STORM DRAIN



## Spill Prevention and Response

Spills of hazardous materials, petroleum products, or other chemicals can endanger the environment and the public's health. Spill prevention and response practices are adopted to help prevent spills from occurring in the first place and to minimize the impact when a spill does occur.



Here are a few spill-prevention practices to follow:

- Conduct self-inspections of materials storage areas, vehicles, and equipment for leaks regularly to catch issues early.
- Place spill kits in areas where spills are likely to occur.
- Keep materials on secondary containment and under cover or inside to prevent stormwater contact.
- Store vehicles and equipment away from stormwater inlets

See the [Stormwater Pollution Prevention Plan \(SWPPP\)](#) for more practices.

### HOW TO RESPOND TO A SPILL

To respond to a spill, you need to be successfully trained by your employer and have access to Safety Data Sheets. Make sure you have a fully stocked spill kit with the appropriate spill response material and personal protective equipment located by all material storage areas.

#### EXAMPLE: Battery Acid Spill

- Acid spill kit container that has enough acid neutralizer material for the largest amount of acid in the area. Acid neutralizer absorbs and solidifies acids and then changes color to signify complete neutralization.
- Personal protective equipment (PPE) that may include safety goggles, chemical-resistant gloves, aprons, and boot covers.
- Cleanup supplies such as hand brooms to help spread and clean up the neutralized absorbent, shovels, and disposal bags to scoop up and contain the used absorbent materials.



Vehicle Leaking Battery Acid



Cleaning Battery Acid Spill

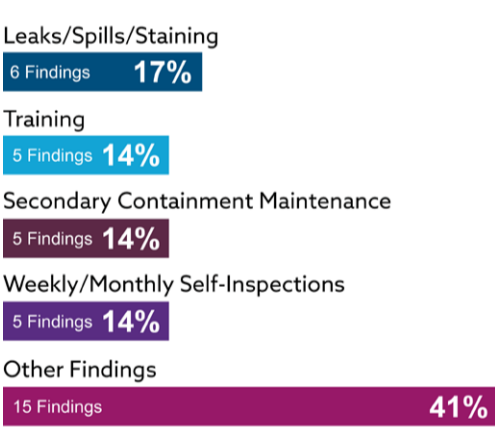
#### Should a spill occur:

- Stop the spill, if possible.
- Immediately notify the Spill Response Contact, as well as your manager.
  - Phoenix Sky Harbor - Command Center 602.273.3311
  - Deer Valley - Operations Center 623.869.0977
  - Goodyear - Operations Center 623.932.4550
- Initiate diversion actions to prevent the spill from entering the stormwater inlet or soil by using drip pans, absorbent booms, mats, or other devices.
- Prohibit tracking out of spilled material.
- Use dry methods (i.e., absorbent material, absorbent pads) to clean up a spill.
- Dispose of used spill response materials promptly and appropriately per regulations.
- Follow appropriate procedures and regulatory reporting for hazardous materials spills and response.

### HOW ARE WE DOING?

## Second Quarter 2023 Inspection Results

#### TOP FINDINGS



Inspection results from the 2023 Second Quarter routine site inspections have been compiled and reviewed for future compliance needs. This second quarter showed an 84.4% compliance rate, with 36 findings out of 109 inspections. While the compliance rate is roughly consistent with the past few quarters, the trend is going downward. Of the findings, the top categories are mostly consistent with previous quarters. Having observations immediately corrected onsite reduced the number of potential findings by 26.5% this quarter. Thank you for your efforts and remember to be vigilant daily to make corrections as issues arise.

#### 2023 Total Top Findings - Q1, Q2 DVT, GYR, & PHX



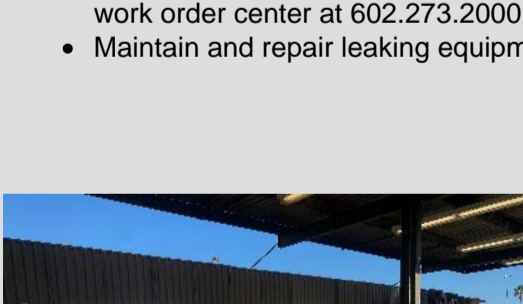
### WHAT COULD BE DONE BETTER?

## Pollution Prevention Practices to Improve On

Consistent findings in the routine site inspections represent areas to improve. Complete guidance on the Control Measures can be found in the SWPPP.

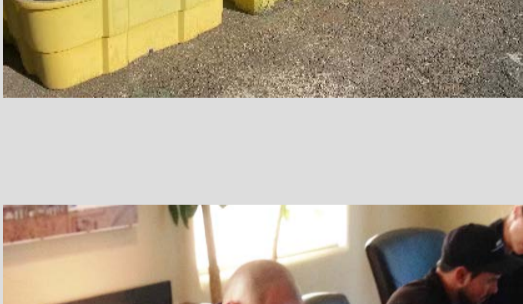
#### LEAKS, SPILLS, AND STAINING

- Address leaks immediately to prevent further spills. Cleanup spills and staining promptly, disposing of all cleanup materials in your designated area.
- Make sure spill kits are replenished after use. For City-maintained spill kits, call the work order center at 602.273.2000.
- Maintain and repair leaking equipment immediately, using drip pans.



#### SECONDARY CONTAINMENT MAINTENANCE

- Inspect all secondary containment devices in material storage areas to ensure they are in proper working order and repaired as needed.
- If areas are noted to need additional containment, work with your management to order supplies and address concerns.



#### TRAINING AND INSPECTIONS

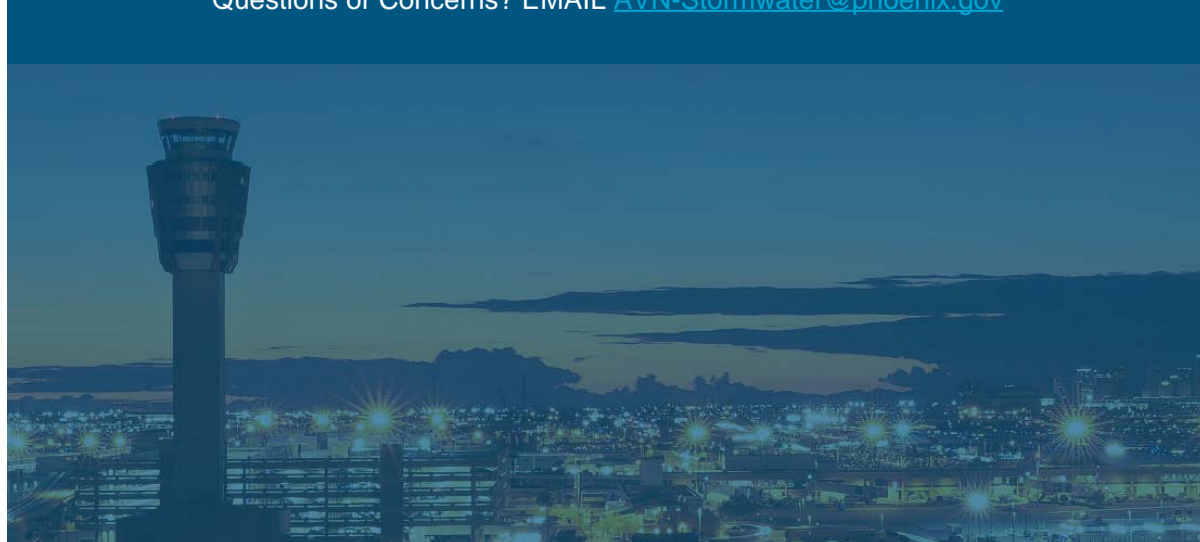
- Ensure employees complete spill response and stormwater training and maintain certificates as confirmation of completion. Stormwater training certificates can be downloaded from the [virtual notebook](#).
- Conduct regular inspections and maintain the records of these inspections to document the process.

#### FOR MORE INFO

### ACCESS THE LATEST

Access the latest stormwater-related documentation through the [virtual notebook](#) (PPT members only) or [skyharbor.com](#) (public access)

Questions or Concerns? EMAIL [AVN-Stormwater@phoenix.gov](mailto:AVN-Stormwater@phoenix.gov)



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