



STORMWATER

2024 NEWSLETTER - 1ST EDITION

As a valued member of our Stormwater Pollution Prevention Team, we are thrilled to welcome you to the 2024 1st Edition of the City of Phoenix Aviation Department Stormwater Pollution Prevention Newsletter. Your commitment is critical to our success. Please keep reading for insights on how we can collectively improve our stormwater management!

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



**IT'S PLANE
ONLY RAIN IN THE STORM DRAIN**



WHAT'S COMING?

Deicing Season

Deicing season typically runs from November through February. While the region's relatively mild and dry winter weather conditions result in minimal ice formation on aircraft and pavement, it's important to know what to do to prevent stormwater pollution when deicing is needed.

Remember to follow these control measures:

- Consider alternative methods to chemicals (e.g., hot water, pushing aircraft into the sun, or aircraft covers).
- Maintain appropriate spill response materials.
- Cover or block nearby stormwater inlets when performing maintenance on deicing equipment.
- Consider using the least amount of chemicals necessary for safety and operational requirements.
- Conduct deicing in designated areas only.
- For special circumstances, like chartered aircraft, email: AVN-Stormwater@phoenix.gov for approval prior to the event.
- Clean ramp after each deicing operation using a vacuum scrubber.
- During rain events, cover storm drain inlets and also place granular absorbent to contain deicing fluids and only begin deicing when a vacuum scrubber is operating.
- Properly dispose or recycle collected fluids.



DID YOU KNOW?

Deicing refers to both deicing (i.e., removing frost, snow or ice) and anti-icing (i.e., preventing accumulation of frost, snow or ice).

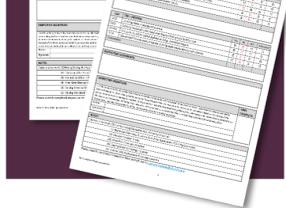
Deicing Season Requirements

In addition, companies that deice must follow these three requirements:

1. Report each deicing event by calling the Deicing Hotline at 1-602-8-GLYCOL and providing contact information as well as location/timing of the deicing event.
2. Conduct monthly deicing inspections during deicing season using the Deicing Inspection Form found in the virtual notebook. Even if no deicing occurs, you must still conduct inspections of the storage and disposal areas and submit pictures.
 - Inspect areas where:
 - deicing chemicals are stored;
 - vehicles are located; and
 - deicing chemicals are applied.
 - Assess control measures that are used prior to, during, and after application of deicing chemicals.
 - Submit completed forms with photos from each of the three areas inspected by email to AVN-Stormwater@phoenix.gov.
3. Report monthly deicing fluid quantities by email to AVN-Stormwater@phoenix.gov.

See the [virtual notebook](#) for the Deicing Inspection Forms.

See the [Stormwater Pollution Prevention Plan \(SWPPP\)](#) for complete guidance on deicing requirements and control measures.



WHAT'S COMING?

Pollution Prevention Team Tiers

Coming Soon! A new way for our Pollution Prevention Team (PPT) members to see their requirements. You'll see in the updated SWPPP that the PPT is now categorized and color-coded in tiers to help distinguish the varying requirements.

Category	Stormwater Exposure	PPT Member	Co-permittee (Sector S)	ADEQ Authorization Type
Aviation (Program Administrator)	✓	✓	✓	NOI
Tier I: Companies that perform Multi-Sector General Permit (MSGP) Sector S activities and maintain a Notice of Intent (NOI) authorization certificate for permit coverage.	✓	✓	✓	NOI
Tier II: Companies that perform MSGP Sector S activities but have submitted a No Exposure Certification (NEC) validating that there is no exposure of industrial materials or activities to precipitation or runoff.		✓	✓	NEC
Tier III: Companies that do not require MSGP coverage but conduct activities that have the potential to impact stormwater.	✓	✓		N/A
Tier IV: Other companies that do business at the airport but are not covered under previous tiers.		✓		N/A

The SWPPP provides detailed information on the requirements for each tier and the division of responsibilities.

HOW ARE WE DOING?

2023 3rd Quarter Inspection Results

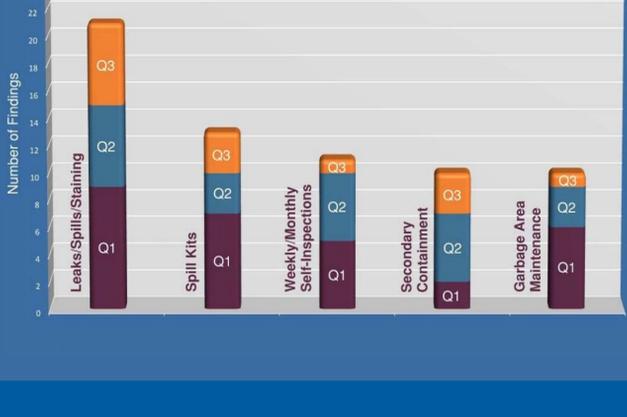
Results from the 2023, 3rd quarter inspections have been compiled and reviewed for future compliance needs.

TOP FINDINGS



This quarter there was a 93.3% compliance rate, showing an improvement over previous quarters this year. Having observations immediately corrected onsite reduced the number of potential findings by 34.4%. Since these are scheduled inspections, we would like to see you have these observations corrected prior to our inspection. We appreciate your efforts to resolve potential findings promptly and in advance of scheduled inspections!

2023 Total Top Findings - Q1, Q2, Q3 DVT, GYR, & PHX



HOW ARE WE DOING?

2023 3rd Quarter Inspection Results

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LEAKS / SPILLS / STAINING

Repair leaking equipment immediately. Use drip pans under leaking equipment awaiting repair. Clean up spills and staining promptly, disposing of all cleanup materials in your designated area.

SPILL KITS

Maintain spill kits for material transfer areas/equipment (i.e., fuel transfer, refuelers, lavatory service equipment, etc.). Please call the Work Order Center 602-273-3302 to restock the city spill kits in your areas. The city is not required to provide spill kits, this is a courtesy.

SECONDARY CONTAINMENT MAINTENANCE

Make sure secondary containment is free of liquids and/or debris.

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



POLLUTION PREVENTION TEAM

avn-stormwater@phoenix.gov · Sky Harbor Stormwater