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PHOENIX SKY HARBOR INTERNATIONAL AIRPORT – PHOENIX DEER VALLEY AIRPORT – PHOENIX GOODYEAR AIRPORT



As a valued member of our Stormwater Pollution Prevention Team, we are thrilled to welcome you to the 2025 4th 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

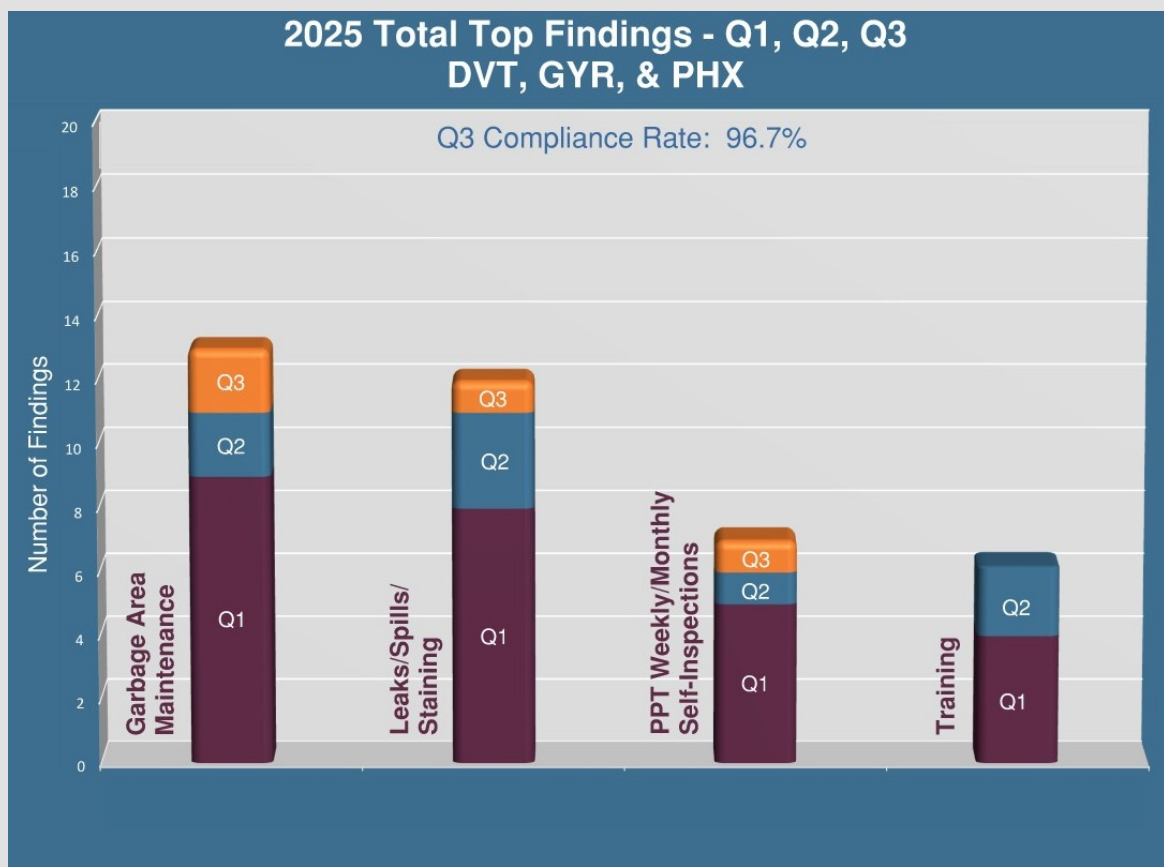
In addition, companies that deice must follow these three requirements:

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.

The image shows a 'DEICING INSPECTION FORM' with a header and several sections for data entry. The form includes fields for 'DATE', 'TIME', 'LOCATION', and 'INSPECTOR'. It also has a table for 'FINDINGS' with columns for 'FINDING', 'PRIORITY', 'STATUS', and 'COMPLETION DATE'. The form is partially filled out with handwritten notes and dates.



WHAT COULD BE DONE BETTER?

Prevention Practices to Improve

Based on the inspection results, focusing on the following control measures would be helpful.

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.

TRASH AND OVERFLOWING BINS

PPT members have time to clean their areas before inspections, especially since most are scheduled. To prepare for busy seasons, remove trash and stains early, order extra bins, or increase trash pickups. During quarterly inspections, pick up trash and clean spills as needed—inspectors will wait while you handle these priorities.

TRAINING AND PPT SELF INSPECTIONS

- **Annual Training:** Every January, Aviation sends out stormwater training via PHXYou. PPT members must complete it and can either assign it to their employees individually or host a group session with a signed roster.
- **PPT Inspections:** Complete inspections weekly or monthly based on your site's needs. Use the Virtual Notebook link to do them on your phone—results are emailed directly to you. You can also combine your PPT self-inspection with your quarterly stormwater inspection to meet that period's requirement.

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

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