North Carolina Department of Environment and Natural Resources

Technical Bulletin for N.C. General Stormwater Permit NCG150000

What activities are covered by this general permit?

Coverage under this General Permit is applicable to all owners or operators of stormwater point source discharges associated with industrial activity from Air Transportation facilities identified by the SIC Codes in Major Group 45; including air transportation, scheduled, and air courier (SIC 4512 and 4513); air transportation, non scheduled (SIC 4522); airports, flying fields, except those maintained by aviation clubs, and airport terminal services including: air traffic control, except government; aircraft storage at airports; aircraft upholstery repair; airfreight handling at airports; airport hangar rental; airport leasing, if operating airport; airport terminal services; and hangar operations; and airport and aircraft service and maintenance including: aircraft cleaning and janitorial service; aircraft servicing/repairing, except on a factory basis; vehicle maintenance shops (including vehicle and equipment rehabilitation, mechanical repairs, painting, fueling, lubrication); and material handling facilities.

What are the key permit requirements?

- Implement a Stormwater Pollution Prevention Plan (SPPP) (Part II, Section A).
- Provide secondary containment for all bulk storage of liquid materials (Part II, Section A, 2.(k)).
- Perform, document, and report qualitative monitoring during a representative storm event.
- Use forms provided by the Division to record qualitative monitoring results.
- submit an annual monitoring summary to the DWQ Regional Office (RO).
- Facilities that conduct aircraft and/or runway (including taxiways and ramps) deicing/anti-icing operations must produce and implement a plan for the minimization of the release of materials used for de-icing into the stormwater system.
- The SPPP should include Best Management Practices (BMPs) to control discharge of pollutants from a facility's stormwater outfalls.

What are BMPs and why are they important?

BMPs include a variety of things that help minimize potential for pollutants to get into the stormwater draining from a facility. There are different types of BMPs:

Non-structural (practices or activities) BMPs include:

* Eliminating exposure of materials and equipment wherever possible by moving them to indoor locations.
* Practicing good housekeeping on-site. Handle and store materials at the facility in an orderly fashion.
* Exchanging hazardous materials for non-hazardous ones wherever possible.
* Establishing routine leak & maintenance checks to minimize chance of spills. Clean up spills immediately.
* Establishing bulk storage tank protocols that minimize the risk of spills during loading and unloading.

Structural (equipment or devices) BMPs include:

* Containment dikes around the loading areas of bulk liquid storage containers.
* Roofs and containment around materials stored outside.

Frequently Asked Questions

Could I be exempted from an NPDES stormwater permit?

Possibly. A facility with industrial activity subject to the NPDES Stormwater regulations that eliminates all potential stormwater exposure may be eligible for a No Exposure Exclusion from a permit. A facility that meets this condition may submit a No Exposure Certification application (see our website: http://h2o.enr.state.nc.us/su) for a No Exposure Exclusion. The facility **must re-certify** No Exposure every five (5) years.

What if I sell my business, or the name changes?

This change is a minor modification and requires the Director's approval. Complete the Name/Ownership Change Form SWU-239, available on our website: http://h2o.enr.state.nc.us/su

Do I have to monitor the outfalls?

Yes, the permittee must perform and document semi-annual visual monitoring of a stormwater discharge associated with industrial activity from each outfall. Visual monitoring reports must be maintained onsite with the SWPPP and must include:

- The examination date and time,
- Inspection personnel,
- Nature of the discharge (i.e., runoff or snow melt),
- The visual quality of the stormwater discharge (including observations of color, odor, clarity, floating solids, settled solids, suspended solids, foam, oil sheen, and other obvious indicators of stormwater pollution), and
- Probable sources of any observed stormwater contamination.

What if the airport conducts aircraft and/or runway deicing operations?

Facilities that conduct aircraft and/or runway deicing operations must:

- Evaluate operating procedures to consider alternative practices that would reduce the overall amount of deicing/anti-icing chemical used and/or lessen the environmental impact of the pollutant source.
- Evaluate whether excessive application of deicing chemicals occurs and adjust as necessary, consistent with considerations of flight safety.
- Produce and implement a plan for the minimization of the release of materials used for de-icing.
- Determine the annual usage rate of deicing/anti-icing chemicals at their facility.
- Annual usage rate of deicing/anti-icing chemicals shall be reported annually to the state.

The Division may require facilities that conduct aircraft and/or runway deicing/anti-icing operations to apply for an individual permit.

Other resources

In addition to the Stormwater Permitting Unit's website above, the Division of Pollution Prevention and Environmental Assistance is a valuable resource. The DPPEA has specific information about how to minimize pollutants at various industries. Call (919) 571-4100 or visit:

http://www.p2pays.org/

Who can help me with questions?

Your questions about stormwater permit requirements can be addressed to the Division of Water Quality (DWQ) Offices:

Asheville Office……	(828) 296-4500	Washington Office……..	(252) 946-6481
Fayetteville Office……	(910) 433-3300	Wilmington Office……..	(910) 796-7215
Mooresville Office……	(704) 663-1699	Winston-Salem Office….	(336) 771-5000
Raleigh Office……..	(919) 791-4200	Central Office……..	(919) 807-6300

Helpful Links:
DWQ Stormwater Permitting Unit: *http://h2o.enr.state.nc.us/su*
303(d) Impaired Waters List: *http://h2o.enr.state.nc.us/tmdl/General_303d.htm*
TMDL Information: *http://h2o.enr.state.nc.us/tmdl/TMDL_list.htm*