

Deicing/Anti-icing Inspection Form and Deicing/Anti-icing Usage Reporting Form

The Port Authority of New York and New Jersey (Port Authority) currently holds a New York State Department of Environmental Conservation (NYSDEC) State Pollutant Discharge Elimination System (SPDES) Permit to allow storm water discharges from the JFK Airport. The permit has several requirements for the monthly sampling and testing of storm water for various pollutants, including petroleum products and deicing/anti-icing fluids that may flow through the airport's outfalls and into the receiving waters (Jamaica Bay, Thurston & Bergen Basins).

Deicing/Anti-icing Inspection Form: The attached Deicing/Anti-icing Inspection Form includes procedures and protocols for inspections to be performed to adhere to general and specific Best Management Practices (BMPs) indentified in the Best Management Practices Plan (BMPP).

Instructions: Tenants and contractors who conduct deicing/anti-icing operations shall complete the Deicing/Anti-icing Inspection Form electronically (or print, complete, and scan completed copy) and submit to the Manager of Environmental Services (JFKEnvironmental@panynj.gov) by the **15th of the month following deicing/anti-icing activities.**

Deicing/Anti-icing Usage Reporting Form: The Deicing/Anti-icing Usage Reporting Form must be utilized to ensure that accurate reporting of all deicing/anti-icing material used at JFK Airport. Results of outfall sampling and testing conducted as required by the SPDES Permit will be included in an Annual Facility and Site Inspection Report for JFK Airport.

Instructions: Tenants and contractors who conduct deicing/anti-icing operations must fill out the Deicing/Anti-icing Usage Reporting Form **electronically** and submit to the Manager of Environmental Services (JFKEnvironmental@panynj.gov) by the **15th of the month following deicing/anti-icing activities.**

The Deicing/Anti-icing Inspection Form and Deicing/Anti-icing Usage Reporting Form is available at <http://www.panynj.gov/airports/jfk-facts-info.html>

2010/2011 Due Date(s):

- December 15, 2010
- January 15, 2011
- February 15, 2011
- March 15, 2011
- April 15, 2011
- May 15, 2011



DEICING/ANTI-ICING INSPECTION FORM AND USAGE REPORTING FORM

- Conduct Monthly Inspections to Adhere to BMPs and BMPP
- Record Types and Monthly Quantities/Usage of Deicing/Anti-icing Fluids
- Results of Outfall Monitoring presented in Annual Facility Review and Site Inspection Report
- Complete monthly inspections and reporting during deicing/anti-icing season and submit to Environmental Services

KEY COMPLIANCE

- Reporting the type of deicing/anti-icing fluid used and monthly usage quantities is the most effective way to detect and avoid potential problems before they become a liability.

REFERENCES

- The BMPP and copies of all BMPP forms are located on the Environmental Services website at www.panynj.gov/airports/jfk-facts-info.html
- All forms should be submitted to: JFKEnvironmental@panynj.gov

CONTACT

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Deicing/Anti-icing Inspection Form

I. FACILITY INFORMATION

Instructions: Give the tenant/facility's name, terminal, and building numbers, and address or location of tenant's facility. Give the tenant contact name, as it is legally referred to, of the person, business, public organization, or other entity that owns or operates the tenant's facility. Give the name, title, and work telephone number of the Pollution Prevention Team member who is thoroughly familiar with the operation of the facility and with the facts reported in this Deicing/Anti-icing Inspection Form and who can be contacted by the PANYNJ for additional information.

1. TENANT / FACILITY NAME		2. TERMINAL NUMBER (S)	3. BUILDING NUMBER (S)	
4. MAILING ADDRESS / LOCATION OF PROPERTY		5. CITY JAMAICA	6. STATE NY	7. ZIP CODE 11430
8. TENANT CONTACT (NAME)		9. MAILING ADDRESS (if different from No. 4.)		10. CONTACT PHONE NUMBER
11. POLLUTION PREVENTION TEAM CONTACT (NAME)		12. CONTACT PHONE NUMBER		13. EMAIL ADDRESS
14. LEASE START DATE		15. LEASE EXPIRATION DATE		COMMENTS

II. DEICING/ANTI-ICING MATERIAL AND USAGE

Instructions: Before proceeding to complete and submit the Deicing/Anti-icing Inspection Form, please confirm that your facility has completed and submitted the JFK BMP questionnaire identifying potential industrial activities (including deicing/anti-icing) that contribute to stormwater pollution discharges at JFK Airport. A copy of the JFK BMP questionnaire is contained as Appendix C in the BMPP available on-line at: www.panynj.gov/airports/jfk-facts-info.html

16a. DOES YOUR AIRLINE/SERVICE PROVIDER PROCURE AND UTILIZE PROPYLENE GLYCOL OR ANY MIXED VARIATION DURING THE DEICING SEASON?
 YES NO

16b. DOES YOUR AIRLINE/SERVICE PROVIDER PROCURE AND UTILIZE ETHYLENE GLYCOL OR ANY MIXED VARIATION DURING THE DEICING SEASON?
 YES NO

17. IF SO, WHAT IS THE MIXING RATIO OF THE CHEMICAL TO WATER? _____

18. DO TENANT PERSONNEL RECEIVE GENERAL TRAINING FOR MINIMIZING AND PROPERLY APPLYING DEICING MATERIALS? YES NO

19. IF YES, HOW IS DEICING FLUID MINIMIZED? _____

20. ARE TRAINING RECORDS AND EDUCATIONAL MATERIALS AVAILABLE FOR REVIEW? YES NO

21. DOES FACILITY HAVE CURRENT ENVIRONMENTAL PLANS (CIRCLE APPLICABLE): STORMWATER POLLUTION PREVENTION PLAN (SWPPP) , SPILL RESPONSE PLAN (SRP), SPILL PREVENTION CONTROL AND COUNTERMEASURE PLAN (SPCC), BEST MANAGEMENT PLANS (BMPs), OTHER (Specify)FOR USE IN MINIMIZING THE AMOUNT OF DEICING MATERIAL APPLIED TO AIRCRAFT _____

22. WHAT MANUFACTURER PROVIDES THE DEICING/ANTI-ICING MATERIAL USED AT YOUR FACILITY? _____

23. PLEASE LIST THE QUANTITIES AND NUMBER OF ALL STORAGE TANKS CURRENTLY HOLDING DEICING/ANTI-ICING MATERIAL.



24. ARE REGULARLY SCHEDULED INSPECTIONS PERFORMED FOR THE TANKS CONTAINING DEICING/ANTI-ICING MATERIAL? YES NO

III. DEICING/ANTI-ICING BMPs

Instructions: Check boxes to indicate if identified BMPs are being implemented for the following Activities conducted at JFK Airport. Please also check the box which best describes the effectiveness of BMP implementation as described below:

Check "SATISFACTORY" if BMPs (including source control BMPs) are used and are effective.

Check "NEEDS IMPROVEMENT" if either no BMPs are used, or if some BMPs are used but are not effective in minimizing non-stormwater discharges.

JFK AIRPORT BMPs	BMP Used			BMP Implementation Effectiveness	
	Yes	No	N/A	Satisfactory	Needs Improvement
BMP 1 AIRCRAFT DEICING/ANTI-ICING					
1. Are there plans to upgrade the existing truck fleet/spray nozzles?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Does your facility currently use the Radiant Deicing Facility?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Are personnel educated and trained regarding the use of deicing material?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Is the type and quantity of deicing material used reported to the PANYNJ monthly via the deicing/anti-icing usage reporting form.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Are all propylene glycol (ethylene glycol is prohibited) releases reported to the appropriate regulatory agency and the PANYNJ?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Are alternate BMPs utilized to minimize deicing fluid application (glycol recovery, mechanical recovery, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BMP 19 RUNWAY AND TAXIWAY ANTI-ICING.					
1. Are any quantities of urea or ethylene glycol used at the facility (strictly prohibited)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Are measures taken to apply only the minimum amount of fluid and solid material?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Are personnel educated on the proper use of pavement anti-icers and deicer agents?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Are all propylene glycol (ethylene glycol is prohibited) releases reported to the appropriate regulatory agency and the PANYNJ?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please submit completed forms to
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