

**Appendix B – Best Management Practices**

BMP SC05	AIRCRAFT DEICING/ANTI-ICING	
<p><b>PURPOSE:</b> Prevent or reduce the discharge of pollutants to storm water from aircraft deicing and anti-icing procedures.</p>	<p><b>TARGETED ACTIVITIES:</b></p> <ul style="list-style-type: none"> <li>➔ Aircraft Deicing</li> <li>➔ Aircraft Anti-Icing</li> </ul>	
<p><b>POLLUTION PREVENTION:</b></p>	<p>Implement the following pollution prevention practices and BMPs to prevent discharges to the storm water collection system from aircraft deicing and anti-icing activities:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Depending on conditions, apply only enough fluid to surfaces to ensure the safe operation of the aircraft. Excess fluid dripped to the ground contaminates soil and water if not properly contained.</li> <li><input type="checkbox"/> Maintain adequate supplies of spill response equipment and materials in accessible locations near areas where spills may occur.</li> <li><input type="checkbox"/> Recycle or dispose of the fluids in accordance with local, state, and federal regulations.</li> <li><input type="checkbox"/> Implement forthcoming recommendations of the FAA technical committee on deicing.</li> <li><input type="checkbox"/> Provide the appropriate level of employee training in the following areas: spill response and prevention, storm water pollution prevention education, right-to-know awareness training, and hazardous materials management.</li> <li><input type="checkbox"/> <b>DO NOT OVERSPRAY OR ALLOW ANY DISCHARGE OF DEICING/ANTI-ICING AGENTS TO A CATCH BASIN OR STORM DRAIN.</b> Notify Airport Operations (619-400-2710) and the Airport Authority Planning &amp; Environmental Affairs Department (619-400-2784) if any discharges of aircraft deicing or anti-icing fluids have occurred.</li> </ul>	<p><b>POLLUTANTS of CONCERN:</b></p> <ul style="list-style-type: none"> <li>➔ Ethylene Glycol</li> <li>➔ Propylene Glycol</li> </ul>
<p><b>OPERATIONS:</b></p>	<p><b>APPLICABLE TENANTS/ DEPARTMENTS:</b></p>	
<p><b>Sub-BMPs</b></p> <ul style="list-style-type: none"> <li>- 01 <input type="checkbox"/></li> <li>- 02 <input type="checkbox"/></li> <li>- 03 <input type="checkbox"/></li> <li>- 04 <input type="checkbox"/></li> </ul>	<ul style="list-style-type: none"> <li>Perform all anti-icing and deicing operations only in designated areas that are covered, bermed, enclosed or sloped/positioned away from the MS4.</li> <li>Monitor deicing and anti-icing operations regularly to ensure quantities of fluids used are at a minimum while not jeopardizing aircraft safety and operation.</li> <li>All fluids are captured or diverted to a structural treatment control BMP, recycling system, sanitary sewer or dead-end sump with pump.</li> <li>Clean the designated anti-icing and deicing ramp areas following deicing/anti-icing operations with wet-type sweepers to remove</li> </ul>	<ul style="list-style-type: none"> <li>➔ Southwest</li> </ul>

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	deicing fluids from the paved areas.	
<b>STRUCTURAL TREATMENT BMPs:</b> Refer to BMP TC01 for information on structural treatment BMPs.		
<b>BMP FREQUENCIES/EQUIPMENT/TOOLS:</b> Aircraft deicing is conducted as needed away from storm drains. Equipment/tools to implement BMPs include capture devices, spill kits, ramp scrubbers, and drums.		
<b>AUTHORIZED LOCATIONS TO PERFORM AIRCRAFT ANTI-ICING AND DEICING ACTIVITIES:</b>		
<input type="checkbox"/>	Use only the designated areas for aircraft anti-icing and deicing activities as shown in the attached map.	
Date:		Version: 2.0

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**Tenants Implementing SC-05 BMP:  
Aircraft Deicing/Anti-Icing**

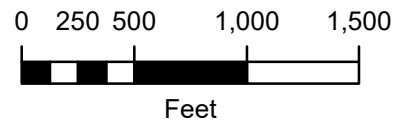
21 - Southwest

 SDIA Boundary



Service Layer Credits: Source: Esri, Maxar, Earthstar

PROJECT NO.:  
5025-22-2002  
DATE:  
FEBRUARY 2023  
DRAWN BY:  
PM  
CHECKED BY:  
AA/NP



**STORM WATER MANAGEMENT PLAN  
AT SAN DIEGO INTERNATIONAL AIRPORT**  
San Diego, California

**SC-05 BMP:  
Aircraft Deicing/Anti-Icing**

FIGURE  
SC-05