

**Appendix B – Best Management Practices**

<b>BMP SC04</b>		<b>AIRCRAFT, GROUND VEHICLE, AND EQUIPMENT CLEANING</b>
<p><b>PURPOSE:</b></p> <p>Prevent or reduce the discharge of pollutants to storm drains from aircraft, vehicle, and equipment washing, and equipment degreasing.</p>		<p><b>TARGETED ACTIVITIES:</b></p> <ul style="list-style-type: none"> <li>➔ Aircraft Washing</li> <li>➔ Vehicle Washing</li> <li>➔ Equipment Washing</li> <li>➔ Equipment Degreasing</li> </ul>
<p><b>POLLUTION PREVENTION:</b></p>		<p><b>POLLUTANTS of CONCERN:</b></p> <ul style="list-style-type: none"> <li>➔ Cleaning Solutions</li> <li>➔ Oil and Grease</li> <li>➔ Solvents</li> <li>➔ Vehicle Fluids</li> <li>➔ Metals</li> </ul>
<ul style="list-style-type: none"> <li><input type="checkbox"/> Store significant cleaning materials in leak-free containers and within areas of secondary containment.</li> <li><input type="checkbox"/> Use biodegradable, phosphate-free, non-toxic cleaning solutions.</li> <li><input type="checkbox"/> Follow water conservation practices when performing cleaning.</li> <li><input type="checkbox"/> Wash vehicles at a commercial car wash when possible.</li> <li><input type="checkbox"/> <b>DO NOT DISCHARGE WASTE WASH WATER OR CLEANING 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 non-storm water discharges from cleaning activities to the storm drain system are observed.</li> </ul>	<p>Implement the following pollution prevention practices and BMPs to prevent discharges from the cleaning of aircraft, ground vehicles and equipment to the storm water collection system:</p>	
<p><b>OPERATIONS:</b></p>		<p><b>APPLICABLE TENANTS/ DEPARTMENTS:</b></p> <ul style="list-style-type: none"> <li>➔ ACE</li> <li>➔ Air Canada</li> <li>➔ Alaska</li> <li>➔ Allegiant</li> <li>➔ American Airlines</li> <li>➔ ARFF</li> <li>➔ Bradford</li> <li>➔ British Airways</li> <li>➔ Conrac</li> <li>➔ Delta</li> <li>➔ DHL</li> <li>➔ Edelweiss</li> <li>➔ FedEx</li> <li>➔ Flagship</li> <li>➔ Hawaiian</li> <li>➔ JAL</li> <li>➔ JetBlue</li> <li>➔ Menzies</li> <li>➔ Menzies Fuel Farm</li> <li>➔ SANCO</li> <li>➔ SDCRAA</li> <li>➔ Signature</li> <li>➔ Southwest</li> </ul>
<p><b>Sub-BMPs</b></p> <ul style="list-style-type: none"> <li>- 01 <input type="checkbox"/> Keep vehicles, equipment, and washing areas clean and free of waste.</li> <li>- 02 <input type="checkbox"/> Use dry washing and surface preparation techniques where feasible.</li> <li>- 03 <input type="checkbox"/> Wash areas should not be located directly in the path of storm drains.</li> <li>- 04 <input type="checkbox"/> Use pigs and cover mats to cover all catch basins in the surrounding area to contain the wash water during washing activities.</li> <li>- 05 <input type="checkbox"/> Perform all washing activities in designated areas that capture, filter and recycle water (e.g. at new Wash Bay Facility), or use reclaimed water and divert wash water to a structural treatment control BMP, sanitary sewer or dead end sump with pump.</li> <li>- 06 <input type="checkbox"/> Perform routine visual observations of washing activities and inspect nearby storm drains to detect and prevent discharges from cleaning activities.</li> <li>- 07 <input type="checkbox"/></li> </ul>	<p>Implement the following pollution prevention practices and BMPs to prevent discharges from the cleaning of aircraft, ground vehicles and equipment to the storm water collection system:</p>	

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- 08 <input type="checkbox"/>	Remove all excess materials such as drippings and residue by using vacuum methods. Properly dispose of all waste materials.	<ul style="list-style-type: none"> <li>→ SP Plus</li> <li>→ SSP</li> <li>→ Swoop Airlines</li> <li>→ United</li> <li>→ UPS</li> <li>→ WestJet</li> </ul>
<b>STRUCTURAL TREATMENT BMPs:</b> Refer to BMP TC01 for information on structural treatment BMPs.		
<b>BMP FREQUENCIES/EQUIPMENT/TOOLS:</b> Cleaning is conducted as needed. Equipment/tools to implement BMPs include rags, the closed loop system wash rack or the aircraft wash rack, pigs and cover mats, and shop vacuums.		
<b>AUTHORIZED AIRCRAFT, GROUND VEHICLE AND EQUIPMENT CLEANING:</b>		
<input type="checkbox"/>	Use only the designated areas for aircraft, ground vehicle and equipment cleaning as shown in the attached map.	
Date:		Version: 2.0

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**Tenants Implementing SC-04 BMP:  
Aircraft, Ground Vehicle & Equipment Cleaning**

- |                       |             |               |                |               |                 |                      |             |                 |                      |
|-----------------------|-------------|---------------|----------------|---------------|-----------------|----------------------|-------------|-----------------|----------------------|
| 1 - Alaska            | 6 - ARFF    | 12 - FedEx    | 18 - ACE       | 22 - FlagShip | 26 - Allegiant  | 37 - British Airways | 42 - JAL    | 78 - Signature  | 107 - SANCO          |
| 2 - Menzies Fuel Farm | 7 - Menzies | 14 - Hawaiian | 19 - SDCRAA    | 23 - United   | 27 - Air Canada | 38 - DHL             | 45 - SSP    | 100 - Edelweiss | 113 - Swoop Airlines |
| 4 - American          | 10 - Delta  | 16 - JetBlue  | 21 - Southwest | 24 - UPS      | 29 - West Jet   | 40 - Bradford        | 77 - Conrac | 102 - SP Plus   |                      |

SDCRAA SDIA Boundary



Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar

<p>PROJECT NO.: 5025-18-2002</p> <p>DATE: JANUARY 2022</p> <p>DRAWN BY: CAB</p> <p>CHECKED BY: AA/NP</p>		<p>Feet</p>		<p><b>STORM WATER MANAGEMENT PLAN AT SAN DIEGO INTERNATIONAL AIRPORT</b> San Diego, California</p>	<p><b>SC-04 BMP: Aircraft, Ground Vehicle &amp; Equipment Cleaning</b></p>	<p>FIGURE SC-04</p>
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