

**Appendix B – Best Management Practices**

| BMP SC12   | OUTDOOR WASHDOWN/SWEEPING (APRON WASHING, RAMP SCRUBBING)   |   |
|--|---|---|
| <p><b>PURPOSE:</b><br/>Prevent or reduce the discharge of pollutants to storm water from outdoor washdown and sweeping operations.</p>   | <p><b>TARGETED ACTIVITIES:</b></p> <ul style="list-style-type: none"> <li>➔ Apron Washing</li> <li>➔ Ramp Scrubbing</li> <li>➔ Outdoor Washdown</li> <li>➔ Road Sweeping</li> <li>➔ Ramp Sweeping</li> </ul>  |   |
| <p><b>POLLUTION PREVENTION:</b></p>  |   | <p><b>POLLUTANTS of CONCERN:</b></p>  |
|  | <p>Implement the following pollution prevention practices and BMPs to prevent non-storm water discharges of pollutants from outdoor washdown and sweeping operations to the storm water collection system:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Use biodegradable or non-toxic cleaning products for outdoor washdown activities.</li> <li><input type="checkbox"/> Investigate newer sweeping technologies such as high-efficiency sweepers or the CASQA-recommended regenerative air and vacuum-assisted dry sweepers.</li> <li><input type="checkbox"/> Investigate non-potable or alternative sources of water when performing outdoor washdowns. Reuse water as much as possible before disposing it.</li> <li><input type="checkbox"/> Follow water conservation practices when performing washdowns.</li> <li><input type="checkbox"/> <b>DO NOT DISCHARGE WASH WATER TO A STORM DRAIN.</b> Notify Airport Operations (619-400-2710) and the Airport Authority Planning &amp; Environmental Affairs Department (619-400-2784) if any discharges associated with outdoor washdowns have occurred.</li> </ul> | <ul style="list-style-type: none"> <li>➔ Oil and Grease</li> <li>➔ Solvents/Cleaning Solutions</li> <li>➔ Fuel</li> <li>➔ Aircraft Fire Fighting Foam</li> <li>➔ Deicing/Anti-Icing Fluids</li> <li>➔ Sediment</li> <li>➔ Floatables</li> </ul>   |
| <p><b>OPERATIONS:</b></p>  |   | <p><b>APPLICABLE TENANTS/ DEPARTMENTS:</b></p>  |
| <p>Sub-BMPs</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> <li>- 05 <input type="checkbox"/></li> <li>- 06 <input type="checkbox"/></li> </ul> | <ul style="list-style-type: none"> <li>Inspect and maintain sweeping and scrubbing equipment regularly to ensure effectiveness at removing pollutants and to avoid leaks.</li> <li>Roads, ramp areas, apron areas, and, if feasible, runway/taxiway areas are swept on a regular basis.</li> <li>Perform sweeping during dry weather using dry sweeping techniques where feasible.</li> <li>Operate sweepers at manufacturer-recommended optimal speeds.</li> <li>Properly dispose of debris and sediment from sweeping.</li> <li>Berm outdoor washdown areas to contain the wash water and to prevent run-on to adjacent areas.</li> </ul>   | <ul style="list-style-type: none"> <li>➔ ABM</li> <li>➔ ACE</li> <li>➔ Alaska</li> <li>➔ American Airlines</li> <li>➔ Conrac</li> <li>➔ Delta</li> <li>➔ DHL</li> <li>➔ FedEx</li> <li>➔ Flagship</li> <li>➔ Frontier</li> <li>➔ Hawaiian</li> <li>➔ JAL</li> <li>➔ JetBlue</li> <li>➔ Kirschcohn</li> <li>➔ Lufthansa</li> </ul> |

**Appendix B – Best Management Practices**



| <b>BMP SC12</b>  | <b>OUTDOOR WASHDOWN/SWEEPING (APRON WASHING, RAMP SCRUBBING)</b>   |  |
|--|--|--|
| <p>- 07 <input type="checkbox"/></p> <p>- 08 <input type="checkbox"/></p> <p>- 09 <input type="checkbox"/></p> <p>- 10 <input type="checkbox"/></p> <p>- 11 <input type="checkbox"/></p> <p>- 12 <input type="checkbox"/></p>  | <p>Minimize the amount of water used during outdoor washdown activities.</p> <p>Wash water is collected and filtered and reused, or discharged to the sanitary sewer system through a permitted connection at designated and approved discharge facilities (i.e., dewatering bin).</p> <p>Maintain records of the sweeping or scrubbing activities including the miles swept or scrubbed and the amount of waste collected.</p> <p>Do not use a running hose to wash down sidewalks, or other hard surface areas. A water-efficient, filtering and recycling device must be used and all wash water must be prevented from entering the storm drain system (curb gutters, streets, alleys, and inlets).</p> <p>Use reclaimed or recycled/filtered water.</p> <p>Roads, ramp areas, and apron areas are scrubbed on an as-needed basis.</p> | <p>→ Menzies</p> <p>→ Menzies Fuel Farm</p> <p>→ SANCO</p> <p>→ SDCRAA</p> <p>→ Siemens</p> <p>→ Southwest</p> <p>→ SP Plus</p> <p>→ Spirit</p> <p>→ Siemens</p> <p>→ Sun Country</p> <p>→ United</p> <p>→ UPS</p> |
| <p><b>STRUCTURAL TREATMENT BMPs:</b> Refer to BMP TC01 for information on structural treatment BMPs.</p>   |  |  |
| <p><b>BMP FREQUENCIES/EQUIPMENT/TOOLS:</b> Outdoor washdown/sweeping occurs on a daily basis. Equipment/tools to implement BMPs include recycling/filtering power washers, ramp scrubbers, mechanical and regenerative air sweepers, booms, containment devices, spill kits, brooms, dumpsters, dewatering bins and drums.</p> |  |  |
| <p><b>AUTHORIZED LOCATIONS FOR OUTDOOR WASHDOWN AND SWEEPING ACTIVITIES:</b></p>   |  |  |
| <p><input type="checkbox"/></p>  | <p>To implement BMPs for the prevention of non-storm water discharges, perform outdoor washdown and sweeping activities in the designated areas as shown on the attached map.</p>  |  |
| <p>Date:</p>   |  | <p>Version: 2.0</p>  |

**Appendix B - Best Management Practices**

Intentionally Left Blank

**Tenants Implementing SC-12 BMP:  
Outdoor Wash Down/Sweeping**

- |                       |             |               |                |               |                  |              |                  |             |
|-----------------------|-------------|---------------|----------------|---------------|------------------|--------------|------------------|-------------|
| 1 - Alaska            | 7 - Menzies | 13 - Frontier | 18 - ACE       | 22 - FlagShip | 28 - Sun Country | 42 - JAL     | 102 - SP Plus    | 107 - SANCO |
| 2 - Menzies Fuel Farm | 10 - Delta  | 14 - Hawaiian | 19 - SDCRAA    | 23 - United   | 35 - Spirit      | 50 - Siemens | 103 - Lufthansa  | 108 - ABM   |
| 4 - American          | 12 - FedEx  | 16 - JetBlue  | 21 - Southwest | 24 - UPS      | 38 - DHL         | 77 - Conrac  | 105 - Kirschcohn |             |

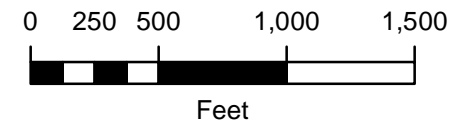
 Ramp Scrubbing  Road Sweeping

 SDCRAA  SDIA Boundary



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

PROJECT NO.:  
5025-18-2002  
DATE:  
JANUARY 2022  
DRAWN BY:  
CAB  
CHECKED BY:  
AA/NP



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

**SC-12 BMP:  
Outdoor Wash Down/Sweeping**

FIGURE  
SC-12