

Appendix B – Best Management Practices

BMP SC12	OUTDOOR WASHDOWN/SWEEPING (APRON WASHING, RAMP SCRUBBING)	
PURPOSE: Prevent or reduce the discharge of pollutants to storm water from outdoor washdown and sweeping operations.	TARGETED ACTIVITIES: <ul style="list-style-type: none"> ➔ Apron Washing ➔ Ramp Scrubbing ➔ Outdoor Washdown ➔ Road Sweeping ➔ Ramp Sweeping 	
POLLUTION PREVENTION:		POLLUTANTS of CONCERN:
	<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"> <input type="checkbox"/> Use biodegradable or non-toxic cleaning products for outdoor washdown activities. <input type="checkbox"/> Investigate newer sweeping technologies such as high-efficiency sweepers or the CASQA-recommended regenerative air and vacuum-assisted dry sweepers. <input type="checkbox"/> Investigate non-potable or alternative sources of water when performing outdoor washdowns. Reuse water as much as possible before disposing it. <input type="checkbox"/> Follow water conservation practices when performing washdowns. <input type="checkbox"/> DO NOT DISCHARGE WASH WATER TO A STORM DRAIN. Notify Airport Operations (619-400-2710) and the Airport Authority Planning & Environmental Affairs Department (619-400-2784) if any discharges associated with outdoor washdowns have occurred. 	<ul style="list-style-type: none"> ➔ Oil and Grease ➔ Solvents/Cleaning Solutions ➔ Fuel ➔ Aircraft Fire Fighting Foam ➔ Deicing/Anti-Icing Fluids ➔ Sediment ➔ Floatables
OPERATIONS:		APPLICABLE TENANTS/ DEPARTMENTS:
<p>Sub-BMPs</p> <ul style="list-style-type: none"> - 01 <input type="checkbox"/> - 02 <input type="checkbox"/> - 03 <input type="checkbox"/> - 04 <input type="checkbox"/> - 05 <input type="checkbox"/> - 06 <input type="checkbox"/> 	<ul style="list-style-type: none"> Inspect and maintain sweeping and scrubbing equipment regularly to ensure effectiveness at removing pollutants and to avoid leaks. Roads, ramp areas, apron areas, and, if feasible, runway/taxiway areas are swept on a regular basis. Perform sweeping during dry weather using dry sweeping techniques where feasible. Operate sweepers at manufacturer-recommended optimal speeds. Properly dispose of debris and sediment from sweeping. Berm outdoor washdown areas to contain the wash water and to prevent run-on to adjacent areas. 	<ul style="list-style-type: none"> ➔ ACE ➔ Air Canada ➔ Alaska ➔ Allegiant ➔ American Airlines ➔ British Airways ➔ Conrac ➔ Delta ➔ DHL ➔ FedEx ➔ Flagship ➔ Frontier ➔ Hawaiian ➔ JAL ➔ JetBlue

Appendix B – Best Management Practices

BMP SC12	OUTDOOR WASHDOWN/SWEEPING (APRON WASHING, RAMP SCRUBBING)	
<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>→ Lufthansa</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>→ Sun Country</p> <p>→ United</p> <p>→ UPS</p> <p>→ WestJet</p>
<p>STRUCTURAL TREATMENT BMPs: Refer to BMP TC01 for information on structural treatment BMPs.</p>		
<p>BMP FREQUENCIES/EQUIPMENT/TOOLS: 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>AUTHORIZED LOCATIONS FOR OUTDOOR WASHDOWN AND SWEEPING ACTIVITIES:</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 | 26 - Allegiant | 29 - West Jet | 38 - DHL | 77 - Conrac | 107 - SANCO |
| 2 - Menzies Fuel Farm | 10 - Delta | 14 - Hawaiian | 19 - SDCRAA | 23 - United | 27 - Air Canada | 35 - Spirit | 42 - JAL | 102 - SP Plus | |
| 4 - American | 12 - FedEx | 16 - JetBlue | 21 - Southwest | 24 - UPS | 28 - Sun Country | 37 - British Airways | 50 - Siemens | 103 - Lufthansa | |

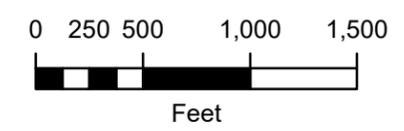
 Ramp Scrubbing  Road Sweeping

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

FIGURE
SC-12