

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: → Apron Washing → Ramp Scrubbing → Outdoor Washdown → Road Sweeping → Ramp Sweeping
POLLUTION PREVENTION:		POLLUTANTS of CONCERN:
	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: <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 Environmental Affairs Department (619-400-2784) if any discharges associated with outdoor washdowns have occurred.	→ Oil and Grease → Solvents/Cleaning Solutions → Fuel → Aircraft Fire Fighting Foam → Deicing/Anti-Icing Fluids → Sediment → Floatables
OPERATIONS:		APPLICABLE TENANTS/DEPARTMENTS:
Sub-BMPs - 01 <input type="checkbox"/> - 02 <input type="checkbox"/> - 03 <input type="checkbox"/> - 04 <input type="checkbox"/> - 05 <input type="checkbox"/> - 06 <input type="checkbox"/> - 07 <input type="checkbox"/>	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. Minimize the amount of water used during outdoor washdown	→ ACE → Allied Aviation → American Airlines → Conrac → Delta → DHL → FedEx → Flagship → Hawaiian → Lufthansa → Menzies → SDCRAA → SP Plus → UPS

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	<p>activities.</p> <p>- 08 <input type="checkbox"/> 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>- 09 <input type="checkbox"/> Maintain records of the sweeping or scrubbing activities including the miles swept or scrubbed and the amount of waste collected.</p> <p>- 10 <input type="checkbox"/> 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>- 11 <input type="checkbox"/> Use reclaimed or recycled/filtered water.</p> <p>- 12 <input type="checkbox"/> Roads, ramp areas, and apron areas are scrubbed on an as-needed basis.</p>	
STRUCTURAL TREATMENT BMPs: Refer to BMP TC01 for information on structural treatment BMPs.		
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.		
AUTHORIZED LOCATIONS FOR OUTDOOR WASHDOWN AND SWEEPING ACTIVITIES:		
<input type="checkbox"/>	<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>	
Date:		Version: 2.0

Tenants Implementing SC-12 BMP:
Outdoor Wash down/Sweeping

2 - Allied Aviation

7 - Menzies

12 - FedEx

18 - ACE

21 - Southwest

24 - UPS

77 - Conrac

103 - Lufthansa

4 - American

10 - Delta

14 - Hawaiian

19 - SDCRAA

22 - FlagShip

38 - DHL

102 - SP Plus

Ramp Scrubbing

Road Sweeping

SDCRAA

SDIA Boundary

PROJECT NO.:
5025-18-2002

DATE:
JANUARY 2019

DRAWN BY:
CAB

CHECKED BY:
AA/NP

N

0

250

500

1,000

1,500

Feet

wood.

STORM WATER MANAGEMENT PLAN
AT SAN DIEGO INTERNATIONAL AIRPORT

San Diego, California

SC-12 BMP:
Outdoor Wash down/Sweeping

FIGURE

SC-12

Aerial Image Source:
Aerotech Mapping Inc.
ATM # C0116-008
Aerial Flight Date: 8/22/2016

Individual BMP From:

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