

Appendix B – Best Management Practices

BMP SC04		AIRCRAFT, GROUND VEHICLE, AND EQUIPMENT CLEANING	
<p>PURPOSE:</p> <p>Prevent or reduce the discharge of pollutants to storm drains from aircraft, vehicle, and equipment washing, and equipment degreasing.</p>		<p>TARGETED ACTIVITIES:</p> <ul style="list-style-type: none"> ➔ Aircraft Washing ➔ Vehicle Washing ➔ Equipment Washing ➔ Equipment Degreasing 	
<p>POLLUTION PREVENTION:</p>		<p>POLLUTANTS of CONCERN:</p> <ul style="list-style-type: none"> ➔ Cleaning Solutions ➔ Oil and Grease ➔ Solvents ➔ Vehicle Fluids ➔ Metals 	
	<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> <ul style="list-style-type: none"> <input type="checkbox"/> Store significant cleaning materials in leak-free containers and within areas of secondary containment. <input type="checkbox"/> Use biodegradable, phosphate-free, non-toxic cleaning solutions. <input type="checkbox"/> Follow water conservation practices when performing cleaning. <input type="checkbox"/> Wash vehicles at a commercial car wash when possible. <input type="checkbox"/> DO NOT DISCHARGE WASTE WASH WATER OR CLEANING AGENTS TO A CATCH BASIN OR STORM DRAIN. Notify Airport Operations (619-400-2710) and the Airport Authority Planning & Environmental Affairs Department (619-400-2784) if any non-storm water discharges from cleaning activities to the storm drain system are observed. 		
<p>OPERATIONS:</p>		<p>APPLICABLE TENANTS/ DEPARTMENTS:</p> <ul style="list-style-type: none"> ➔ ACE ➔ Air Canada ➔ Alaska ➔ Allegiant ➔ American Airlines ➔ ARFF ➔ Bradford ➔ British Airways ➔ Conrac ➔ Delta ➔ DHL ➔ FedEx ➔ Flagship ➔ Hawaiian ➔ JAL ➔ JetBlue ➔ Menzies ➔ Menzies Fuel Farm ➔ SANCO ➔ SDCRAA ➔ Siemens ➔ Signature ➔ Southwest 	
<p>Sub-BMPs</p> <ul style="list-style-type: none"> - 01 <input type="checkbox"/> Keep vehicles, equipment, and washing areas clean and free of waste. - 02 <input type="checkbox"/> Use dry washing and surface preparation techniques where feasible or submit a Wash Water Management Plan to P&EAD for review and approval if wet washing techniques will be used. - 03 <input type="checkbox"/> Wash areas should not be located directly in the path of storm drains. - 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. - 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. - 06 <input type="checkbox"/> Perform routine visual observations of washing activities and inspect nearby storm drains to detect and prevent discharges from cleaning activities. 			

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<p>- 07 <input type="checkbox"/></p> <p>- 08 <input type="checkbox"/></p> <p>- 09 <input type="checkbox"/></p>	<p>Remove all excess materials such as drippings and residue by using vacuum methods. Properly dispose of all waste materials.</p> <p>Use a hand-held hose with positive shut-off nozzle to wash vehicles.</p> <p>Wash vehicles, aircraft, and equipment between 4pm to 10am from November 1 to May 31 and between 6pm and 10am from June 1 to October 31.</p>	<p>→ SP Plus</p> <p>→ SSP</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: 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.</p>		
<p>AUTHORIZED AIRCRAFT, GROUND VEHICLE AND EQUIPMENT CLEANING:</p>		
<p><input type="checkbox"/></p>	<p>Use only the designated areas for aircraft, ground vehicle and equipment cleaning as shown in the attached map.</p>	
<p>Date:</p>	<p>Version: 2.0</p>	

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

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| 1 - Alaska | 4 - American | 7 - Menzies | 12 - FedEx | 16 - JetBlue | 19 - SDCRAA | 22 - FlagShip | 24 - UPS | 27 - Air Canada | 37 - British Airways | 40 - Bradford | 45 - SSP | 77 - Conrac | 102 - SP Plus |
| 2 - Menzies Fuel Farm | 6 - ARFF | 10 - Delta | 14 - Hawaiian | 18 - ACE | 21 - Southwest | 23 - United | 26 - Allegiant | 29 - West Jet | 38 - DHL | 42 - JAL | 50 - Siemens | 78 - Signature | 107 - SANCO |

 SDCRAA  SDIA Boundary



Service Layer Credits: Source: Esri, Maxar, Earthstar

<p>PROJECT NO.: 5025-22-2002</p> <p>DATE: FEBRUARY 2023</p> <p>DRAWN BY: PM</p> <p>CHECKED BY: AA/NP</p>		<p>0 250 500 1,000 1,500</p>  <p>Feet</p>		<p>STORM WATER MANAGEMENT PLAN AT SAN DIEGO INTERNATIONAL AIRPORT San Diego, California</p>	<p>SC-04 BMP: Aircraft, Ground Vehicle & Equipment Cleaning</p>	<p>FIGURE SC-04</p>
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