

Appendix B – Best Management Practices

BMP SC03	AIRCRAFT, GROUND VEHICLE, AND EQUIPMENT FUELING	
<p><b>PURPOSE:</b> To prevent fuel spills and leaks, and reduce their impacts to storm water.</p>	<p><b>TARGETED ACTIVITIES:</b></p> <ul style="list-style-type: none"> <li>➔ Aircraft Fueling</li> <li>➔ Vehicle Fueling</li> <li>➔ Equipment Fueling</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 fuel discharges to the storm water collection system:</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Use pigs/mats over storm drains during fueling activities.</li> <li><input type="checkbox"/> Fuel pumps should be posted with signs stating “No Topping Off” to prevent overflow.</li> <li><input type="checkbox"/> Use absorbent materials and spot cleaning for small spills, and properly dispose of the spill response materials.</li> <li><input type="checkbox"/> Properly dispose of any fuel spills and leaks. If feasible, collect any fuel spills through vacuum equipment / trucks.</li> <li><input type="checkbox"/> Report leaking vehicles to fleet maintenance.</li> <li><input type="checkbox"/> Develop and implement a Spill Prevention, Control and Countermeasure (SPCC) Plan if required under guidelines set forth in 40 CFR, Section 112.</li> <li><input type="checkbox"/> <b>DO NOT DISCHARGE FUEL TO A CATCH BASIN OR STORM DRAIN.</b> Notify Airport Operations (619-400-2710) and the Airport Authority Environmental Affairs Department (619-400-2784) if any fuel spill or leak is observed.</li> </ul>	<ul style="list-style-type: none"> <li>➔ Fuel</li> <li>➔ Metals</li> <li>➔ Oil and Grease</li> <li>➔ Organics</li> </ul>
<p><b>OPERATIONS:</b></p>		<p><b>APPLICABLE TENANTS/ DEPARTMENTS:</b></p>
<p><b>Sub-BMPs</b></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> <li>- 07 <input type="checkbox"/></li> </ul>	<ul style="list-style-type: none"> <li>Perform aircraft, ground vehicle and equipment fueling in the designated areas that are covered, bermed, enclosed, or sloped/positioned away from the MS4.</li> <li>Fueling areas should not be located directly in the path of storm drains.</li> <li>Label, regularly inspect and keep in good condition all tanks, piping and valves.</li> <li>Store absorbent booms, spill kits, or vacuum equipment in fueling areas or on fueling vehicles.</li> <li>Regularly inspect fueling areas.</li> <li>Monitor major fueling operations.</li> <li>Use secondary containment or cover when transferring fuel from a</li> </ul>	<ul style="list-style-type: none"> <li>➔ ACE</li> <li>➔ Air Canada</li> <li>➔ Alaska</li> <li>➔ Allegiant</li> <li>➔ Allied Aviation</li> <li>➔ American Airlines</li> <li>➔ ARFF</li> <li>➔ British Airways</li> <li>➔ Conrac</li> <li>➔ Delta</li> <li>➔ DHL</li> <li>➔ Edelweiss</li> <li>➔ FedEx</li> <li>➔ Flagship</li> <li>➔ Frontier</li> <li>➔ Hawaiian</li> <li>➔ JAL</li> </ul>

**Appendix B – Best Management Practices**

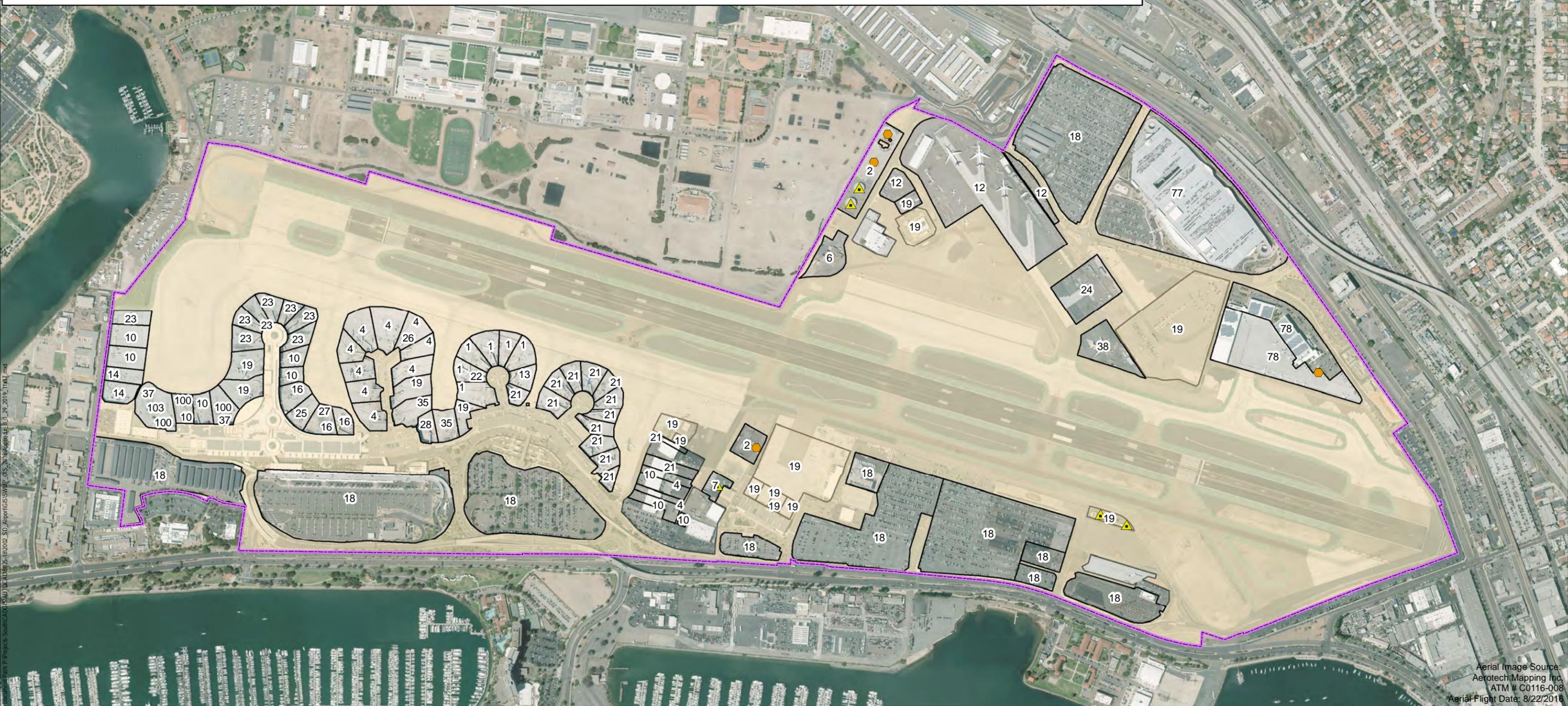
BMP SC03	AIRCRAFT, GROUND VEHICLE, AND EQUIPMENT FUELING	
<p>- 08 <input type="checkbox"/> Use leak detection, overfill protection and spill prevention devices for tanks and piping.</p> <p>- 09 <input type="checkbox"/> Use automatic shut-off mechanisms for fuel tankers and hose connections.</p> <p>- 10 <input type="checkbox"/> Do not top off fuel tanks.</p> <p>- 11 <input type="checkbox"/> Restrict access to fuel tanks and fueling vehicles.</p>	<p>tanker truck to a fuel tank.</p>	<ul style="list-style-type: none"> <li>➔ JetBlue</li> <li>➔ Lufthansa</li> <li>➔ Menzies</li> <li>➔ SDCRAA</li> <li>➔ Signature</li> <li>➔ Southwest</li> <li>➔ Spirit</li> <li>➔ Sun Country</li> <li>➔ United</li> <li>➔ UPS</li> <li>➔ WestJet</li> </ul>
<p><b>STRUCTURAL TREATMENT BMPs:</b> Refer to BMP TC01 for information on structural treatment BMPs.</p>		
<p><b>BMP FREQUENCIES/EQUIPMENT/TOOLS:</b> Fueling is conducted as needed using bermed, sloped areas or under cover if and where possible. Equipment/tools to implement BMPs include drip pans, pigs/mats, secondary containment devices, spill kits, shut-off mechanisms and drums.</p>		
<p><b>AUTHORIZED AIRCRAFT, GROUND VEHICLE AND EQUIPMENT FUELING LOCATIONS:</b></p>		
<p><input type="checkbox"/></p>	<p>Use only the designated areas for aircraft, ground vehicle and equipment fueling as shown in the attached map.</p>	
<p>Date:</p>		<p>Version: 2.0</p>

**Tenants Implementing SC-03 BMP:  
Aircraft, Ground Vehicle & Equipment Fueling**

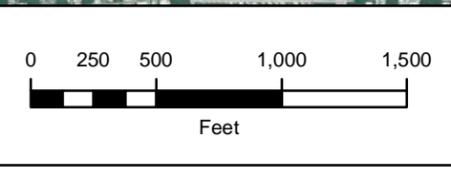
- |                     |             |               |              |                |                 |                  |                      |                 |
|---------------------|-------------|---------------|--------------|----------------|-----------------|------------------|----------------------|-----------------|
| 1 - Alaska          | 6 - ARFF    | 12 - FedEx    | 16 - JetBlue | 21 - Southwest | 24 - UPS        | 28 - Sun Country | 37 - British Airways | 77 - Conrac     |
| 2 - Allied Aviation | 7 - Menzies | 13 - Frontier | 18 - ACE     | 22 - FlagShip  | 26 - Allegiant  | 29 - West Jet    | 38 - DHL             | 78 - Signature  |
| 4 - American        | 10 - Delta  | 14 - Hawaiian | 19 - SDCRAA  | 23 - United    | 27 - Air Canada | 35 - Spirit      | 42 - JAL             | 100 - Edelweiss |
|                     |             |               |              |                |                 |                  |                      | 103 - Lufthansa |

SDCRAA
  SDIA Boundary

Fuel Storage
  Fueling



PROJECT NO.: 5025-18-2002  
 DATE: JANUARY 2019  
 DRAWN BY: CAB  
 CHECKED BY: AA/NP



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

**SC-03 BMP:  
Aircraft, Ground Vehicle & Equipment Fueling**

FIGURE  
**SC-03**

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

Individual BMP From:  
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