

Appendix B – Best Management Practices

BMP SC03	AIRCRAFT, GROUND VEHICLE, AND EQUIPMENT FUELING	
PURPOSE: To prevent fuel spills and leaks, and reduce their impacts to storm water.		TARGETED ACTIVITIES: ➔ Aircraft Fueling ➔ Vehicle Fueling ➔ Equipment Fueling
POLLUTION PREVENTION:		POLLUTANTS of CONCERN:
	Implement the following pollution prevention practices and BMPs to prevent fuel discharges to the storm water collection system: <input type="checkbox"/> Use pigs/mats over storm drains during fueling activities. <input type="checkbox"/> Fuel pumps should be posted with signs stating “No Topping Off” to prevent overflow. <input type="checkbox"/> Use absorbent materials and spot cleaning for small spills, and properly dispose of the spill response materials. <input type="checkbox"/> Properly dispose of any fuel spills and leaks. If feasible, collect any fuel spills through vacuum equipment / trucks. <input type="checkbox"/> Report leaking vehicles to fleet maintenance. <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. <input type="checkbox"/> DO NOT DISCHARGE FUEL TO A CATCH BASIN OR STORM DRAIN. Notify Airport Operations (619-400-2710) and the Airport Authority Environmental Affairs Department (619-400-2784) if any fuel spill or leak is observed.	➔ Fuel ➔ Metals ➔ Oil and Grease ➔ Organics
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"/>	Perform aircraft, ground vehicle and equipment fueling in the designated areas that are covered, bermed, enclosed, or sloped/positioned away from the MS4. Fueling areas should not be located directly in the path of storm drains. Label, regularly inspect and keep in good condition all tanks, piping and valves. Store absorbent booms, spill kits, or vacuum equipment in fueling areas or on fueling vehicles. Regularly inspect fueling areas. Monitor major fueling operations. Use secondary containment or cover when transferring fuel from a	➔ ACE ➔ Air Canada ➔ Alaska ➔ Allegiant ➔ Allied Aviation ➔ American Airlines ➔ ARFF ➔ British Airways ➔ Conrac ➔ Delta ➔ DHL ➔ Edelweiss ➔ FedEx ➔ Flagship ➔ Frontier ➔ Hawaiian ➔ JAL

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- 08 <input type="checkbox"/> Use leak detection, overfill protection and spill prevention devices for tanks and piping. - 09 <input type="checkbox"/> Use automatic shut-off mechanisms for fuel tankers and hose connections. - 10 <input type="checkbox"/> Do not top off fuel tanks. - 11 <input type="checkbox"/> Restrict access to fuel tanks and fueling vehicles.	tanker truck to a fuel tank.	➔ JetBlue ➔ Lufthansa ➔ Menzies ➔ SDCRAA ➔ Signature ➔ Southwest ➔ Spirit ➔ Sun Country ➔ United ➔ UPS ➔ WestJet
STRUCTURAL TREATMENT BMPs: Refer to BMP TC01 for information on structural treatment BMPs.		
BMP FREQUENCIES/EQUIPMENT/TOOLS: 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.		
AUTHORIZED AIRCRAFT, GROUND VEHICLE AND EQUIPMENT FUELING LOCATIONS:		
<input type="checkbox"/>	Use only the designated areas for aircraft, ground vehicle and equipment fueling as shown in the attached map.	
Date:		Version: 2.0

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

1 - Alaska

2 - Allied Aviation

4 - American

6 - ARFF

7 - Menzies

10 - Delta

12 - FedEx

13 - Frontier

14 - Hawaiian

16 - JetBlue

18 - ACE

19 - SDCRAA

21 - Southwest

22 - FlagShip

23 - United

24 - UPS

26 - Allegiant

27 - Air Canada

28 - Sun Country

29 - West Jet

35 - Spirit

37 - British Airways

38 - DHL

42 - JAL

77 - Conrac

78 - Signature

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

N

0

250

500

1,000

1,500

Feet

wood.

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:
Aerotek Mapping Inc.
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Aerial Flight Date: 8/22/2016

Individual BMP From:

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