

Appendix B – Best Management Practices

BMP SC02B		AIRCRAFT, GROUND VEHICLE, AND EQUIPMENT MAINTENANCE
PURPOSE: To prevent or reduce the discharge of pollutants to storm water from any type of aircraft, vehicle, or equipment maintenance and repair, including ground vehicle and equipment painting/stripping and floor washdowns.		TARGETED ACTIVITIES: ➔ Aircraft Maintenance ➔ Vehicle Maintenance ➔ Equipment Maintenance
POLLUTION PREVENTION:		POLLUTANTS of CONCERN: ➔ Battery Acid ➔ Fuel ➔ Metals ➔ Nutrients ➔ Oil and Grease ➔ Organics ➔ Paint ➔ Sediments ➔ Solvents/Cleaning Solutions ➔ Vehicle Fluids
<input type="checkbox"/> Implement the following pollution prevention practices and BMPs to prevent discharges of pollutants to the storm water collection system: <input type="checkbox"/> Provide covered maintenance areas when designing new facilities or upgrading existing facilities. Utilize indoor areas, lean-tos, or portable covers. <input type="checkbox"/> Perform the activity during dry periods. <input type="checkbox"/> Use non-toxic, biodegradable chemicals or products for maintenance, minimize or eliminate the use of solvents and substitute materials with less hazardous properties where feasible (e.g. non-chlorinated solvents or water-based solvents instead of chlorinated solvents, non-caustic detergents instead of caustic cleaners, or cleaning without liquid cleaners like a wire brush). <input type="checkbox"/> Recycle or properly dispose of the following: greases, oils, antifreeze, brake fluid, cleaning solutions, hydraulic fluid, batteries and transmission fluid. Drain and crush oil filters and oil containers before recycling or disposal. Store crushed oil filters, empty lubricant containers, and cracked batteries in a covered, acid-proof container (for batteries), and leak-proof covered secondary containment (for all waste). DO NOT HOSE DOWN WORK AREAS TO THE STORM DRAIN SYSTEM. Notify Airport Operations (619-400-2710) and the Airport Authority Environmental Affairs Department (619-400-2784) if there is any evidence of the disposal of solvents, cleaning solutions or other materials to the storm drain, or hosing down of work areas.		
OPERATIONS:		APPLICABLE TENANTS/ DEPARTMENTS: ➔ ACE ➔ Air Canada ➔ Alaska ➔ Allegiant ➔ Allied Aviation ➔ American Airlines ➔ ARFF ➔ Bradford ➔ British Airways ➔ Cartwright ➔ Conrac ➔ Delta
Sub-BMPs - 01 <input type="checkbox"/> Employees are trained in safe vehicle and equipment operations and maintenance. - 02 <input type="checkbox"/> Aircraft, vehicle and equipment maintenance areas should not be located directly in the path of storm drains. - 03 <input type="checkbox"/> Perform maintenance of aircraft, ground vehicles and equipment in designated areas that are either indoors or are covered, bermed, enclosed, or sloped/positioned away from the MS4. - 04 <input type="checkbox"/> Perform regular equipment inspection and testing.		

Appendix B – Best Management Practices

BMP SC02B	AIRCRAFT, GROUND VEHICLE, AND EQUIPMENT MAINTENANCE	
- 05 <input type="checkbox"/> - 06 <input type="checkbox"/> - 07 <input type="checkbox"/> - 08 <input type="checkbox"/> - 09 <input type="checkbox"/> - 10 <input type="checkbox"/> - 11 <input type="checkbox"/> - 12 <input type="checkbox"/> - 13 <input type="checkbox"/>	<p>Inspect aircraft, vehicles and equipment on a regular basis for fluid leaks. Place drip pans under leaks as needed.</p> <p>Maintain aircraft, vehicles and equipment in good condition to prevent or correct any leakage of oil or other fluids.</p> <p>Use drip pans during maintenance.</p> <p>Do not leave drip pans containing fluids or other open containers lying around. Regularly transfer fluids for recycling or proper disposal.</p> <p>Minimize the use of solvents or use less toxic solvents whenever possible. If solvents cannot be avoided, clean or drain parts in self-contained sinks or drum units, and check those units regularly for leaks.</p> <p>Store mechanical parts, equipment and vehicles awaiting repair/removal under cover and away from storm drains.</p> <p>Store spill response materials in maintenance areas and on maintenance vehicles. Adequately collect/remove absorbent materials from area after use and dispose of them in an appropriate manner.</p> <p>Remove fluids and batteries from salvage vehicles and equipment and dispose of properly.</p> <p>Properly dispose of obsolete and inoperable vehicles and equipment.</p>	→ DHL → Edelweiss → FedEx → Flagship → Frontier → Hawaiian → HMS Host → JAL → JetBlue → Lufthansa → Menzies → SDCRAA → Siemens → Signature → Southwest → SP Plus → Spirit → SSP → Sun Country → United → UPS → WestJet
STRUCTURAL TREATMENT BMPs: Refer to BMP TC01 for information on structural treatment BMPs.		
BMP FREQUENCIES/EQUIPMENT/TOOLS: Maintenance is conducted as needed using either indoor shops, or under temporary or permanent cover when available and feasible. Equipment/tools to implement BMPs include drip pans, outdoor sheds, storage containers, tarps, secondary containment devices, spill kits and drums.		
AUTHORIZED AIRCRAFT, GROUND VEHICLE AND EQUIPMENT MAINTENANCE LOCATIONS:		
<input type="checkbox"/>	Use only the designated areas for aircraft, ground vehicle and equipment maintenance as shown in the attached map.	
Date:		Version: 2.0

Tenants Implementing SC-02-B BMP:
Aircraft, Ground Vehicle & Equipment Maintenance

1 - Alaska

2 - Allied Aviation

4 - American

6 - ARFF

7 - Menzies

10 - Delta

12 - FedEx

13 - Frontier

14 - Hawaiian

15 - HMS Host

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

40 - Bradford

42 - JAL

45 - SSP

50 - Siemens

77 - Conrac

78 - Signature

96 - Cartwright

100 - Edelweiss

102 - SP Plus

103 - Lufthansa

SDCRAA

SDIA Boundary

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

PROJECT NO.:
5025-18-2002

DATE:
JANUARY 2019

DRAWN BY:
CAB

CHECKED BY:
AA/NP

N

025010001500

Feet

wood.

STORM WATER MANAGEMENT PLAN
AT SAN DIEGO INTERNATIONAL AIRPORT

San Diego, California

SC-02-B BMP:
Aircraft, Ground Vehicle & Equipment Maintenance

FIGURE
SC-02-B

Individual BMP From:

Appendix B – Best Management Practices

Intentionally Left Blank