

Southwest Airlines

SIC Codes	4512, 4522	Contact Information	
Primary Activity	Passenger Carrier	George Parker	Supervisor - Maintenance
Drainage Areas	07, 08, 09	P 6192983005	
Nearest MS4 Inlet	< 200 ft.	george.parker@wnco.com	
Address	3665 North Harbor Dr. T1 San Diego, CA 92101	Edward Martin P 6196104616 edward.martin@wnco.com	Manager - Maintenance C 6195726400

Facility Description and Activities

1. Most ground support equipment and vehicle maintenance (including painting) is conducted inside the Maintenance Shop. Some minor vehicle and ground support equipment maintenance is performed on ramp by Executive Air, a subtenant to Southwest.
2. Menzies fuels aircraft, vehicles, and ground support equipment.
3. There is a hose at the hose bib near Gate 9. It is used only to fill up containers for watering plants in the office.
4. Potable water is allowed to run for 1 minute then turned off and linked to aircraft. This is performed as far away from the storm drains as possible, and the water evaporates before reaching storm drain.
5. Southwest has spill bins at Gates 1 and 10. These bins contain absorbents, brooms, shovels, and disposal drums.
6. Aircraft cleaning is performed offsite (Phoenix, Oakland, and Dallas).
7. Significant materials are stored in flammable materials storage lockers.
8. Wastes are stored in Hazardous Waste Accumulation Areas in the gate area and inside the Maintenance Shop.
9. Hazardous wastes are picked up every 3 months. Safety Kleen recycles oil, Toxguard recycles antifreeze, and Nexeo Solutions collects all other hazardous wastes.
10. ABM Services, a subtenant to Southwest, performs cabin services for Southwest and other airlines.
11. Executive Air (now called PAM/Flightline), a subtenant to Southwest, performs aircraft maintenance for various airlines at the gate areas.
12. Southwest is at Gates 1A through 11 at T1.
13. Southwest performs deicing at the gates. At gates 4, 5, 9, and 10 they push back from the gate to get past the storm drains. Air Operations is notified every time deicing is performed. Monthly usage is sent to EAD. A zamboni is used to vacuum up the excess liquid that falls onto the ramp and is disposed of. Deicing is not performed in the rain. All deicing mixing is conducted at the triturator.

Significant Materials/Activities Potentially Exposed to Storm Water

Potential Pollutant Sources

Aircraft deicing
Aircraft sanitary services
Cargo handling
Equipment storage
Fluid leaks
Fuel spills, Fuel transfer
Material loading/unloading
Outdoor waste storage
Potable water flushing
Tank fuel transfer
Trash collection
Vehicle parking

Potential Pollutants

Anti Freeze
Battery Acid
Carburetor Cleaner
Cleaning Solutions
Deicing/Anti-Icing Fluids
Food Waste
Fuel
Hydraulic Fluids
Lavatory Chemicals
Lavatory Wastes
Lubricants
Metals

Individual Tenant Summary From Appendix E

Oil & Grease
Paints
Recyclables
Solvents
Transmission Fluid
Trash

Best Management Practices Applicable to Facility

Activities

Non-Storm Water Management
Outdoor Equipment Ops Maintenance Areas
Aircraft, Ground Vehicle & Equipment Maintenance
Electric Vehicle Maintenance
Aircraft, Ground Vehicle & Equipment Fueling
Aircraft, Ground Vehicle & Equipment Cleaning
Aircraft Deicing/Anti-Icing
Outdoor Loading/Unloading of Materials
Outdoor Material Storage
Waste Handling & Disposal
Building & Ground Maintenance
Employee Training
Lavatory Service Operation
Outdoor Wash down/Sweeping
Potable Water System Flushing
Parking Lots
Housekeeping
Safer/Alternative Products
Spill Prevention, Control & Clean Up

BMPs

SC01 - 1, 2, 3, 4, 7
SC02A - 1, 2
SC02B - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
SC02C - 1, 2, 3, 4, 5, 6, 7, 8, 9
SC03 - 1, 2, 4, 5, 6, 8
SC04 - 1, 2, 3, 5
SC05 - 1, 2, 3, 4
SC06 - 1, 2, 3, 4, 6, 7
SC07 - 1, 2, 3, 4, 7, 11, 12
SC08 - 1, 2, 3, 4, 5, 8, 9, 10, 11, 12, 14
SC09 - 9
SC10 - 1, 2, 3, 4
SC11 - 3, 4, 5, 6, 7, 8, 9, 10, 11
SC12 - 2, 12
SC14 - 1, 2, 3
SC16 - 1, 2, 6, 11
SC18 - 1, 2, 3, 4, 5, 6, 7, 8, 9
SC19 - 1, 2
SR01 - 1, 2, 3, 4, 5, 6, 7, 8, 9

* Appendix B provides descriptions for each BMP category.



PROJECT NO.:
5025-18-2002

DATE:
JANUARY 2019

DRAWN BY:
CAB

CHECKED BY:
AA/NP



SAN DIEGO INTERNATIONAL AIRPORT

Southwest
Operating Areas

FIGURE

E-29

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

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