

Southwest Airlines

SIC Codes 4512, 4522

Primary Activity Passenger Carrier

Drainage Areas 07, 15, 6, 8

Nearest MS4 Inlet < 200 ft.

Address 3665 North Harbor Dr. T1
San Diego, CA 92101

Contact Information

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Facility Description and Activities

1. Most ground support equipment and vehicle maintenance (including painting) is conducted inside the Maintenance Shop at the ASB. Some minor vehicle and ground support equipment maintenance is performed on ramp by Southwest maintenance.
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 the ASB and at Gates 10, 13, and 15. These bins contain absorbents, brooms, shovels, and disposal drums.
6. Exterior 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 ASB Maintenance Shop.
9. Hazardous wastes are picked up every 3 months. Safety Kleen recycles oil, antifreeze, all other hazardous wastes.
10. ABM Services, performs cabin services for Southwest and other airlines.
11. Southwest operates at Gates 5-16, 19, and ASB/Cargo #1 and #7. Gates 17 and 18 are shared but only used for emergencies.
12. Southwest performs deicing at the gates. At Gates 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. Deicing fluid is stored at Gate 10.
13. Siemens operates and maintains all baggage claim, conveyor belt areas, and jet bridges.
14. Gate 19 is used for storage of oxygen and nitrogen cylinders as well as aircraft maintenance materials. Materials are kept here and then brought elsewhere for maintenance. Most aircraft maintenance is performed at the gate where the plane is parked.

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

Potential Pollutants

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

Trash collection

Lubricants

Metals

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

Housekeeping

Safer/Alternative Products

Spill Prevention, Control & Clean Up

* Appendix B provides descriptions for each BMP category.

BMPs

SC01 - 1, 2, 3, 4, 7

SC02A - 1, 2

SC02B - 1, 4, 5, 6, 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

SC05 - 1, 2, 3, 4

SC06 - 1, 2, 3, 4, 5, 6, 7

SC07 - 1, 2, 3, 7, 11, 12, 13

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

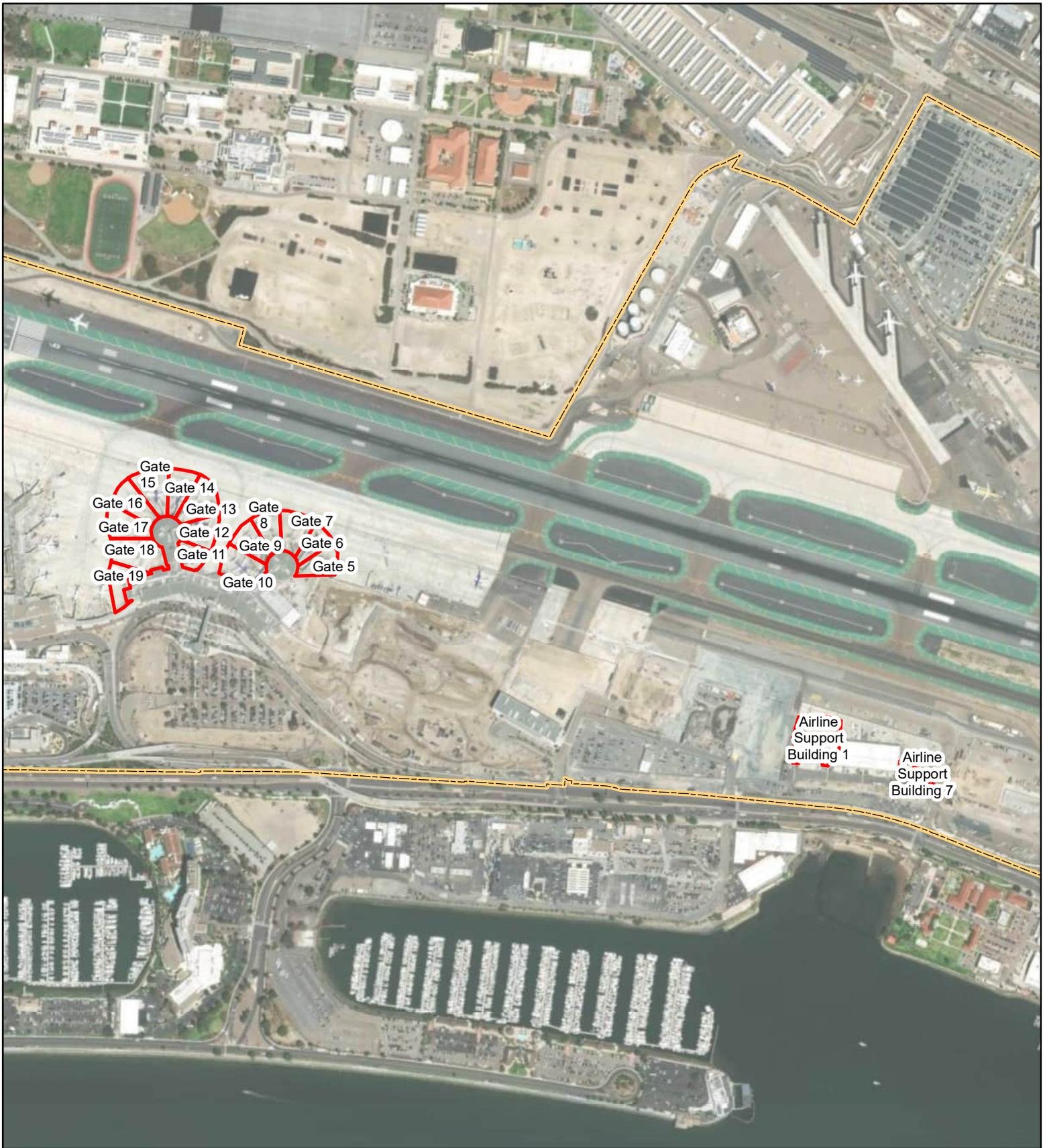
SC12 - 2, 12

SC14 - 1, 2, 3

SC18 - 1, 2, 3, 4, 5, 6, 7, 8, 9

SC19 - 1, 2

SR01 - 1, 2, 3, 4, 5, 6, 7, 9



LEGEND

Operating Area(s) SDIA Boundary



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SAN DIEGO INTERNATIONAL AIRPORT

**Southwest
Operating Areas**

FIGURE

E-31