

Aircraft Rescue & Fire Fighting

<p>SIC Codes 9224</p> <p>Primary Activity Airport Rescue & Fire Fighting</p> <p>Drainage Areas 6</p> <p>Nearest MS4 Inlet < 200 ft.</p> <p>Address 3698 Pacific Hwy. San Diego, CA 92102</p>	<p>Contact Information</p> <p>Derrin Austin Not Available</p> <p>daustin@sandiego.gov</p> <hr/> <p>Wayne Thomas Unit Operations Manager</p> <p>P 6194002710</p> <p>wthomas@san.org</p>
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Facility Description and Activities

1. Four fire fighting vehicles are stored and fueled indoors by Menzies.
2. Maintenance is done by Southern California Fleet Services in flat dirt parking lot area away from storm drains or within the ARFF station. All waste is taken off site by Inland Fire mechanics. Southern California Fleet Services brings in all maintenance equipment and fluids.
3. There are two storage areas outside the ARFF building. A shed in front of the ARFF houses the 3% foam, Purple K powder fire retardant and empty drums. A second container/shed holds tools and res.
4. Firefighting equipment and foam testing is performed once a year on the North ramp. The foam system testing uses a No Foam System - directly connects to the trucks, bypassing the foam intake, and using only water to accomplish the same results with no foam waste on the ramp. Only water sprays on the ramp. Ocean Blue is contracted to collect all runoff from the exercise. They barricade all storm drains and ramp area to collect test water. They vacuum up all runoff and (and residual or accidental foams) for proper disposal. The nearest storm drain is connected to an oil/water separator that Ocean Blue blocks the end of and vacuums out if necessary.
5. Trucks are detailed using dry methods in the back parking lot. If washing is required, it is conducted at the Authority wash rack. Once per year the trucks are waxed by an outside vendor.
6. The AFFF is stored in two locations. One is stored in 11 - 55 gallon drums sitting on top of the drip/catch trays inside the storage shed. The other one is in an approximately 1000 gallon foam trailer outside and adjacent to the ARFF station. Originally, the foam trailer was stored full in the bay with the trucks (1000 gal, 3% foam concentrate). But it was recently moved to make space for ARFF vehicles.
7. Call station to reach all captains when needing to schedule a site visit.
8. ARFF are not responsible for equipment. It is all owned by the Airport Authority.
9. Airport Authority is responsible for storm drain cleaning and maintenance.
10. Flagship assists with the housekeeping of the ARFF facility.
11. Fleetwash washes the ARFF trucks.

Significant Materials/Activities Potentially Exposed to Storm Water

Potential Pollutant Sources

- Building & Ground maintenance
- Drainage system maintenance
- Equipment storage
- Fire fighting equipment testing
- Fluid leaks
- Fuel spills, Fuel transfer
- Herbicide usage
- Outdoor waste storage
- Pesticide usage
- Tank fuel transfer
- Trash collection
- Vehicle parking

Potential Pollutants

- Cleaning Solutions
- Degreasers (Citrus based)
- Fire Fighting Foam
- Food Waste
- Fuel
- Fuel (Gas)
- Landscape Wastes
- Purple K
- Trash

Best Management Practices Applicable to Facility

Activities

Non-Storm Water Management
Outdoor Equipment Ops Maintenance Areas
Aircraft, Ground Vehicle & Equipment Maintenance
Aircraft, Ground Vehicle & Equipment Fueling
Aircraft, Ground Vehicle & Equipment Cleaning
Outdoor Material Storage
Waste Handling & Disposal
Building & Ground Maintenance
Employee Training
Fire Fighting Foam Discharge
Parking Lots
Drainage System Maintenance
Housekeeping
Safer/Alternative Products
Spill Prevention, Control & Clean Up

BMPs

SC01 - 1, 2, 3, 4, 8
SC02A - 1, 2
SC02B - 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13
SC03 - 1, 2, 4, 5, 6
SC04 - 1, 2, 3, 5, 6, 7
SC07 - 1, 2, 3, 7
SC08 - 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 14
SC09 - 1, 2, 3
SC10 - 1, 2, 3, 4
SC13 - 1, 2, 3, 5
SC16 - 1, 2, 4, 5, 6, 11
SC17 - 2, 6
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.



LEGEND

 Operating Area(s)  SDIA Boundary



Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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DATE:	FEBRUARY 2022
DRAWN BY:	CAB
CHECKED BY:	AA/NP



SAN DIEGO INTERNATIONAL AIRPORT

**ARFF
Operating Areas**

FIGURE

E-7