

## Aircraft Rescue & Fire Fighting

|                   |  |                     |         |
|-------------------|--|---------------------|---------|
| SIC Codes         | 9224                                     | Contact Information |         |
| Primary Activity  | Airport Rescue & Fire Fighting           | Wayne Thomas        | Unknown |
| Drainage Areas    | 6  | P 6194002710        |         |
| Nearest MS4 Inlet | < 200 ft.                                | wthomas@san.org     |         |
| Address           | 3698 Pacific Hwy.<br>San Diego, CA 92102 | <hr/>               |         |
|                   |  | Dean Robbins        | Unknown |
|                   |  | P 6194002761        |         |
|                   |  | d Robbins@san.org   |         |

### Facility Description and Activities

1. Four fire fighting vehicles are stored and fueled indoors by ASIG.
2. Maintenance is done by Southern California Fleet Services in flat dirt parking lot area away from storm drains. 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 tires.
4. Firefighting equipment and foam testing is performed once a year on the North ramp. Ocean Blue is contracted to collect all runoff from the exercise. They barricade all storm drain and ramp area to collect all test water. They vacuum up all runoff and foam 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. Washing of the trucks is done in flat dirt parking lot area away from storm drains or at the American Airlines wash rack. Once per year the trucks are waxed by an outside vendor.
6. Foam trailer is stored full in the bay with the trucks (1000 gal, 3% foam concentrate).
7. Use SDFDtelestaffdesk@sandiego.gov to reach all captains. Indicate in Subject/First Line of email to transmit information to Captains. If not email captains individually.
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.

### 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

#### Potential Pollutants

Anti Freeze  
 Battery Acid  
 Cleaning Solutions  
 Fire Fighting Foam  
 Fuel (Diesel)

Fuel spills,Fuel transfer  
 Fuel storage Herbicide  
 usage Outdoor  
 washdown Outdoor  
 waste storage  
 Pesticide usage  
 Tank fuel transfer  
 Trash collection  
 Vehicle parking

## Tenant Summaries

Fuel (Gas)  
 Lubricants  
 Oil & Grease  
 Rubber Particulates  
 Sediment  
 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  
 SC02A - 1, 2  
 SC02B - 1, 2, 3, 4, 5, 6, 7, 8, 10, 11  
 SC03 - 1, 2, 3, 4, 5, 8  
 SC04 - 1, 2, 3, 5, 6, 7, 8  
 SC07 - 1, 2, 3, 7  
 SC08 - 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 14  
 SC09 - 1, 2, 3, 4  
 SC10 - 1, 2, 3, 4  
 SC13 - 1, 2, 3, 5  
 SC16 - 1, 2, 4, 6, 11  
 SC17 - 2, 3, 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

## Structural Control measures used by facility:

Equipment testing area is sloped to divert water into oil water separator.

Booms are deployed during foam testing to prevent foam from entering storm water system. Foam is vacuumed and removed from site.

Materials Storage Area

Inside ARFF Station; Aqueous Film Forming Foam (AFFF) stored inside foam trailer in station

Materials Storage Amounts

1000 gal AFFF (3% concentrate); no other materials recorded above 55 gallons

Shipping/Receiving Area

ARFF Station

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PROJECT NO.:  
5025-13-0031

DATE:  
JUNE 2015

DRAWN BY:  
RMH

CHECKED BY:  
AJA



**ARFF**  
**Operating Areas**  
**San Diego International Airport**

FIGURE  
**E-3**

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