

Tenant Summary Sheet

Tenant:

ARFF

SIC Code: 4581

Primary Activity: Aircraft Fire Fighting and Rescue

Drainage Area: 6

Nearest MS4 inlet: < 200 feet

Contact: Mike Brown, B Division Captain

E: mkbrown@sandiego.gov, P: 619-692-4950, C: 619-756-5943

Secondary Contact: Todd Dubler, A Division Captain

E: TDubler@sandiego.gov

John Langford, C Division Captain

E: JLangford@sandiego.gov

Address: 3698 Pacific Highway
San Diego, CA 92102

Tenant Description and Primary Industrial Activities:

1. Three fire fighting vehicles are stored and fueled indoors by ASIG.
2. Maintenance is done by Inland Fire in flat dirt parking lot area away from storm drains. All waste is taken off site by Inland Fire mechanics. Inland Fire brings in all maintenance equipment and fluids.
3. There are two material storage containers that house the 3% foam and Purple K powder fire retardant. The other stores items moved for the renovation of the fire house and tires. Empty barrels of foam are also kept in these containers.
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 is done in flat dirt parking lot area away from storm drains.
6. Tenant uses the Airport Storm Water Management Plan. Tenant could not locate Hazardous Materials Business Plan due to current renovation.

Significant Materials Potentially Exposed to Storm Water:

Potential Pollutant Sources

Chemical storage
Equipment fueling
Equipment maintenance
Equipment storage
Fire fighting equipment testing
Fuel spills
Vehicle maintenance
Vehicle parking
Vehicle washing

Potential Pollutants

Fuel, Dumpster wastes, Oil and Grease,
Fire fighting foam (AFFF), Dumpster wastes, Trash

Best Management Practices and Current Structural Controls:

The list below identifies the BMP categories and specific BMPs that are applicable to ARFF. Appendix B provides a description of each BMP category.

Applicable BMP Categories

Non-Storm Water Management
Outdoor Equipment Ops and Maintenance Areas
Aircraft, Ground Vehicle and Equipment Maintenance
Aircraft, Ground Vehicle and Equipment Fueling
Aircraft, Ground Vehicle and Equipment Cleaning

BMP Number

SC01 - 1, 2, 3, 4
SC02A - 2, 1
SC02B - 10, 3, 1, 11, 2, 4, 5, 6, 7, 8
SC03 - 1, 2, 3, 4, 5, 6, 8
SC04 - 1, 2, 3, 5, 6, 7, 8

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Applicable BMP Categories

Outdoor/Indoor Material Storage

Waste Handling and Disposal

Employee Training

Fire Fighting Foam Discharge

Parking Lots

Housekeeping

Safer/Alternative Products

Spill Prevention, Control, and Clean-up

Spill Prevention, Control, and Clean-up

BMP Number

SC07 - 11, 1, 2, 3, 7

SC08 - 1, 10, 11, 12, 14, 2, 3, 4, 5, 7, 8, 9

SC10 - 1, 2, 3, 4

SC13 - 1, 2, 3, 4, 5

SC16 - 11, 2, 4, 6

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

SC19 - 1, 2

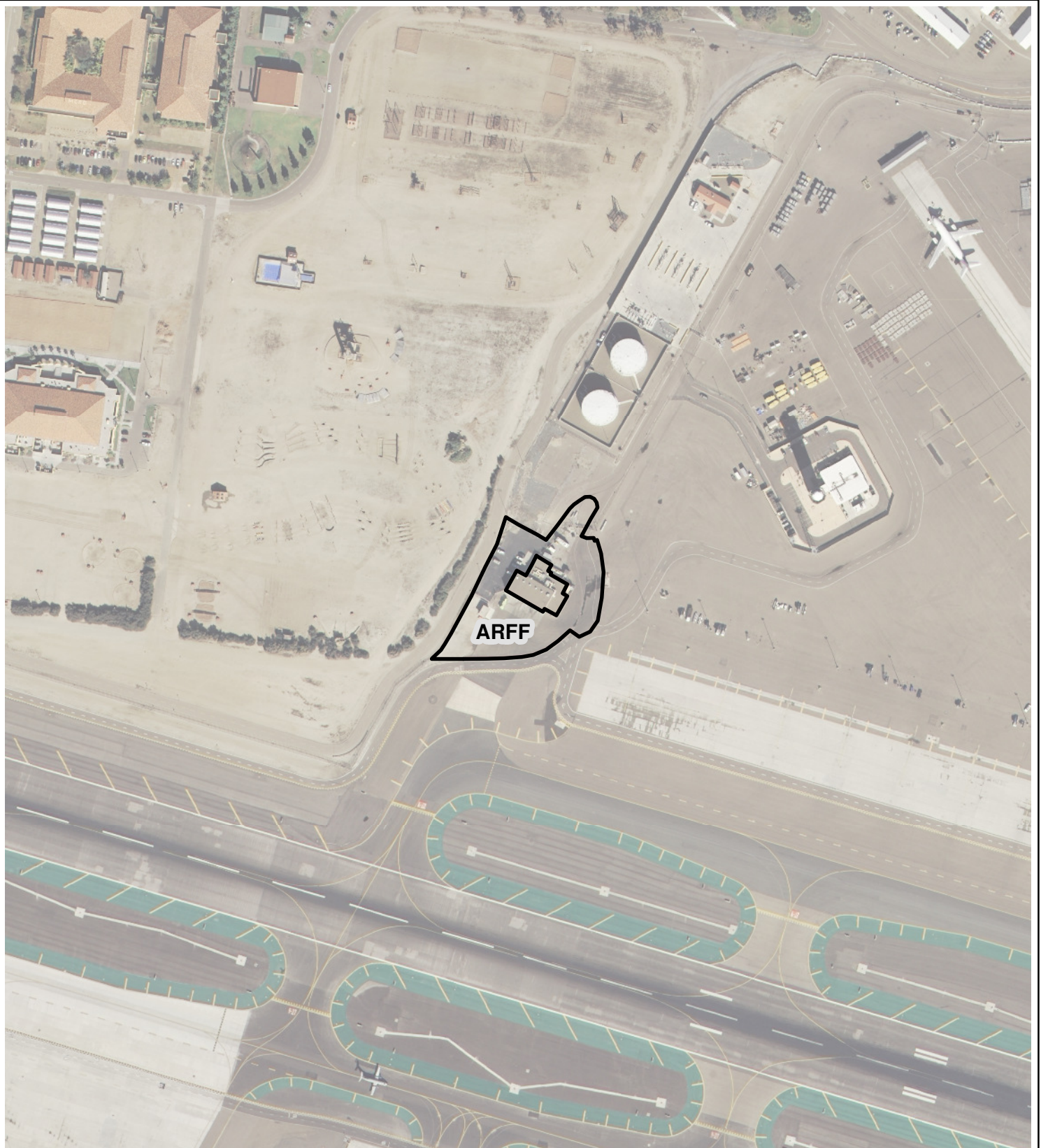
SR01 - 10

SR01 - 6, 1, 10, 2, 3, 4, 5, 7, 8, 9

Structural control measures used at ARFF:

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.



0 100 200 300
Feet

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DRAWN BY: RMH
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MACTEC

MACTEC Engineering and Consulting, Inc.

ARFF
Operating Areas
San Diego International Airport

FIGURE

E-7