

APPENDIX E
TENANT SUMMARY SHEETS

Appendix E - Tenant Summary Sheets



ACE

SIC Codes 7521

Primary Activity Parking Lot Management

Drainage Areas 03, 05, 06, 08, 09, 11, 12

Nearest MS4 Inlet < 200 ft.

Address 3665 North Harbor Dr. #200
San Diego, CA 92101

Contact Information

Zach Woodward Manager

P 6192911508 C 6199857441

Zach_Woodward@aceparking.com

Mike DeGraffenreid Manager - General

P 6192911508 C

michael_degraffenreid@aceparking.com

Facility Description and Activities

*** Note : Two separate contracts under ACE, shuttles and parking lots. At the moment of Annual/Audit Inspections both contracts should be inspected together. Lines 1-13 refer to Ace Parking and lines 14-20 refer to Ace Shuttles.

1. ACE manages parking lots at CT, T1, T2PP and T2W, Long Term Parking Lot 1 (North Harbor), Employee Parking Lot, and Long Term Parking Lot (Washington St.), Cell Phone Lot, NTC Parking Lot, Taxi Hold Lot, TNC Lot/Uber/Lyft, Economy Parking Lot 1, Valet Lot, and Shuttle Hold Lot.
2. Jordan Auto Spa is a vendor to ACE that performs dry washing techniques at the valet car lot. A Wash Water Management Plan was submitted to Environmental Affairs and the plan was approved on 5/4/2018. The work is performed in the valet hold lot underneath a canopy. They are committed to 100% waterless car washing that will be followed per their approved Wash Plan. Operational car washing supplies are stored in a truck dispatched to wash the vehicles that sign up for that service. All other supplies are stored onsite at the Airport in a storage locker in the valet hold lot. Vendor is temporarily on hold due to the ongoing pandemic.
3. There are 2 dumpsters in the parking lot at the base of the USO. SDCRAA is responsible for cleaning and having Republic pick up dumpster trash.
4. 3 Electric Golf carts, 1 pickup truck, 1 valet van, and 1 Prius owned by SDCRAA and used by ACE.
5. The truck, Prius, and valet van, are serviced offsite. Golf carts are serviced onsite.
6. There is an inoperable sweeper stored under the awning attached to the garage that the tenant is in the process of demobilizing.
7. Tenant receives fuel and stores it in a hazmat locker to fuel the leaf blower. Trucks, valet van, and Prius are fueled by Menzies onsite in Lot 10.
8. Terminal parking lots are swept manually daily. Employee parking lots are swept 2-3 times per week manually. Lot 10 is swept by hand 3-5x per week. TNC lot is swept 2x daily.
9. Minor parking lot repairs are performed by ACE but not in the past year. However, major work would be contracted out.
10. Outdoor material containers are located between Terminal 1 & 2 parking in a shed.
11. Cars are detailed at the Valet Lot using dry methods by Jordan Auto Spa.
12. Batteries are removed and properly disposed of by Specialized Vehicle Company.
13. Portable lavatories are provided in the TNC lot. Lavatories are maintained by United Site Services.
14. ACE Parking Management supplies 32 blue, red, green and orange airport buses. The shuttle buses are under a separate contract from the general parking lot management, but both are ACE.
15. The Shuttle Fleet of 33 electric, 4 CNG, and 1 gas buses are serviced off site.
16. Tenant owns 1 Ford Escape. The Ford Escape is serviced and fueled offsite.
17. EcoFleet is a subcontractor to ACE that performs washing of the shuttle buses. The subcontractor uses a full capture/no runoff system for washing and no supplies are stored onsite at Airport (all in van). An updated Wash Water Management Plan was submitted to and accepted by Environmental Affairs due to a change in the vendor.
18. There are 4 sheds and two repurposed parking booths they use to store materials.
19. Cal State Auto Parts recycles used auto parts, they come by 2x/week.
20. CFI and Dragonfly Automotive come by 2x/week to recycle used tires.

Significant Materials/Activities Potentially Exposed to Storm Water

Potential Pollutant Sources

Potential Pollutants

Drainage system maintenance
 Equipment storage
 Fluid leaks
 Fuel spills, Fuel transfer
 Fuel storage
 Outdoor apron washdown
 Outdoor waste storage
 Tank fuel transfer
 Trash collection
 Vehicle parking

Best Management Practices Applicable to Facility

Activities

BMPs

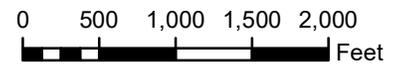
Non-Storm Water Management	SC01 - 1, 2, 4
Outdoor Equipment Ops Maintenance Areas	SC02A - 1, 2
Aircraft, Ground Vehicle & Equipment Maintenance	SC02B - 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13
Electric Vehicle Maintenance	SC02C - 1, 2, 3, 4, 5, 6, 7, 8, 9
Aircraft, Ground Vehicle & Equipment Fueling	SC03 - 1, 2, 3, 4, 5, 6, 8
Aircraft, Ground Vehicle & Equipment Cleaning	SC04 - 1, 2, 3, 4, 5, 6, 7, 8, 9
Outdoor Material Storage	SC07 - 1, 2, 3, 6, 7, 8, 10, 11, 12, 13
Waste Handling & Disposal	SC08 - 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12
Employee Training	SC10 - 1, 2, 4
Lavatory Service Operation	SC11 - 4, 7, 12, 13
Outdoor Wash down/Sweeping	SC12 - 2, 3, 4, 5, 6, 7, 8, 9, 12
Parking Lots	SC16 - 1, 2, 4, 6, 11
Drainage System Maintenance	SC17 - 2, 5
Housekeeping	SC18 - 1, 2, 3, 4, 5, 6, 7, 8, 9
Safer/Alternative Products	SC19 - 1, 2
Spill Prevention, Control & Clean Up	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, Earthstar Geographics, and the GIS User Community

PROJECT NO:	5025-22-2002
DATE:	FEBRUARY 2023
DRAWN BY:	PM
CHECKED BY:	AA/NP



SAN DIEGO INTERNATIONAL AIRPORT

**ACE
Operating Areas**

FIGURE

E-1

Air Canada Rouge & Jazz Airlines

SIC Codes	4512, 4522	Contact Information	
Primary Activity	Passenger Carrier	Ken Sturgill	Safety and Training Regional Manager
Drainage Areas	15		C (775) 771-0699
Nearest MS4 Inlet	200 - 1000 ft.	ksturgill@atsstl.com	
Address	3665 North Harbor Dr. #223 San Diego, CA 92101	Gina Vestal P (619) 955-9396 GVestal@atsstl.com	Environmental Contact

Facility Description and Activities

** Fleet has changed to Air Canada Rouge and Jazz Airlines which are the low end less expensive division of Air Canada.

1. All equipment maintenance is done by ATS mobile.
2. All aircraft maintenance is performed by CAS (maintenance services). DGS provides cargo services. ATS brings all cargo directly to the cargo building for DGS to load/unload.
3. Fueling is conducted by Menzies at gate. ATS conducts monthly station safety audits which include observing fueling. ATS requests a poundage of fuel to be put into the aircraft prior to each fueling.
4. Cleaning of vehicles is done at the wash rack. No aircraft cleaning is performed at SDIA.
5. All ground handling activities are performed by ATS, a subtenant to Air Canada.
6. Tenant operates out of Gates 50. This gate is shared with Delta.
7. Lavatory services are nightly for flights and are performed on demand for flights that turn daily. Lavatory services are done at the gate where the airplane is parked.
8. Potable water is flushed for 30 seconds on the ramp and allowed to evaporate.
9. ATS is a subtenant and performs services above the wing and below the wing for Air Canada Rouge. ATS does not perform services for Air Canada Jazz.
10. Siemens conducts baggage belt maintenance and gate services.
11. Flagship conducts trash pickup service for tenant.

Significant Materials/Activities Potentially Exposed to Storm Water

Potential Pollutant Sources

Aircraft sanitary services
 Cargo handling
 Equipment storage
 Fluid leaks
 Fuel spills, Fuel transfer
 Material loading/unloading
 Outdoor waste storage
 Tank fuel transfer
 Trash collection

Potential Pollutants

Anti Freeze
 Fuel
 Fuel (Gas)
 Fuel (Jet)
 Hydraulic Fluids
 Lavatory Chemicals
 Lavatory Truck Wash Water
 Lavatory Wastes
 Oil & Grease

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 Loading/Unloading of Materials

BMPs

SC01 - 1, 2, 4, 7
 SC02A - 1, 2
 SC02B - 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13
 SC03 - 1, 2, 4, 5, 6, 8
 SC04 - 1, 2, 3, 5
 SC06 - 1, 2, 3, 4, 6, 7

Outdoor Material Storage	SC07 - 1, 2, 3, 4, 7, 12
Waste Handling & Disposal	SC08 - 1, 2, 3, 4, 5, 8, 9, 10, 11, 12, 14
Employee Training	SC10 - 1, 2, 3, 4
Lavatory Service Operation	SC11 - 3, 4, 5, 6, 7, 8, 9, 10, 11
Outdoor Wash down/Sweeping	SC12 - 2, 12
Housekeeping	SC18 - 1, 2, 3, 4, 5, 6, 7, 8, 9
Safer/Alternative Products	SC19 - 1, 2
Spill Prevention, Control & Clean Up	SR01 - 1, 2, 3, 4, 5, 6, 7, 8, 9

* Appendix B provides descriptions for each BMP category.



LEGEND

 SDIA Boundary  Operating Area(s)



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

PROJECT NO.:
5025-22-2002
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DRAWN BY: PM
CHECKED BY: AA/NP



SAN DIEGO INTERNATIONAL AIRPORT

**Air Canada
Operating Areas**

FIGURE

E-2

Alaska Airlines

SIC Codes 4512, 4522

Primary Activity Passenger Carrier

Drainage Areas 07, 8, 9, 12, 15

Nearest MS4 Inlet < 200 ft.

Address 3665 North Harbor Dr. #228
San Diego, CA 92101

Contact Information

Warren Paulsen Supervisor - Maintenance

P (619) 323-3535 **C** (949) 547-4896

warren.paulsen@alaskaair.com

Jose (JJ) Hernandez Manager - Station

P (619) 491-0164 **C** (619) 653-4379

jose.j.hernandez@unifiservice.com

Facility Description and Activities

1. Unified is a vendor to Alaska, and provides ground handling services and maintains their own vehicles. GES maintains all Alaska owned equipment and vehicles. Maintenance operations and materials for DAL have moved to the cargo area maintenance shop.
2. Alaska performs minor aircraft maintenance at the gate. Materials are stored indoors in the maintenance office, except for two clam shell containers outside.
3. There are two clam shell containers stored outdoors, each containing two barrels. The barrels are used to contain hazardous liquids.
4. GAT is contracted to perform cargo handling.
5. GES maintains Alaska equipment, trucks, AC carts, etc.
6. Aircraft parts and materials are stored indoors in the Material Storage Area between Gate 21 and Gate 22. All other significant materials are stored outdoors and contained in two fire cabinets.
7. Wastes are stored in the Waste Accumulation.
8. Spill response materials for fuel and lavatory spills are kept in two carts, one located between Gate 20 and Gate 22, the second located between Gate 26 and Gate 28.
9. Alaska operates out of gates 20 through 30 (20, 21, 22, 24, 26, 28, 28A, 28B, and 30) and gate 49. Gate 30 is shared with American and gate 49 is shared with West Jet. Aircraft Remain Over Night (RON) at gates 20 through 28, and sometimes 30.
10. Aircrafts are dry washed only.
11. Contact Janet Baad for HAZMAT Business Plan.

Significant Materials/Activities Potentially Exposed to Storm Water

Potential Pollutant Sources

- 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

Potential Pollutants

Best Management Practices Applicable to Facility

Activities

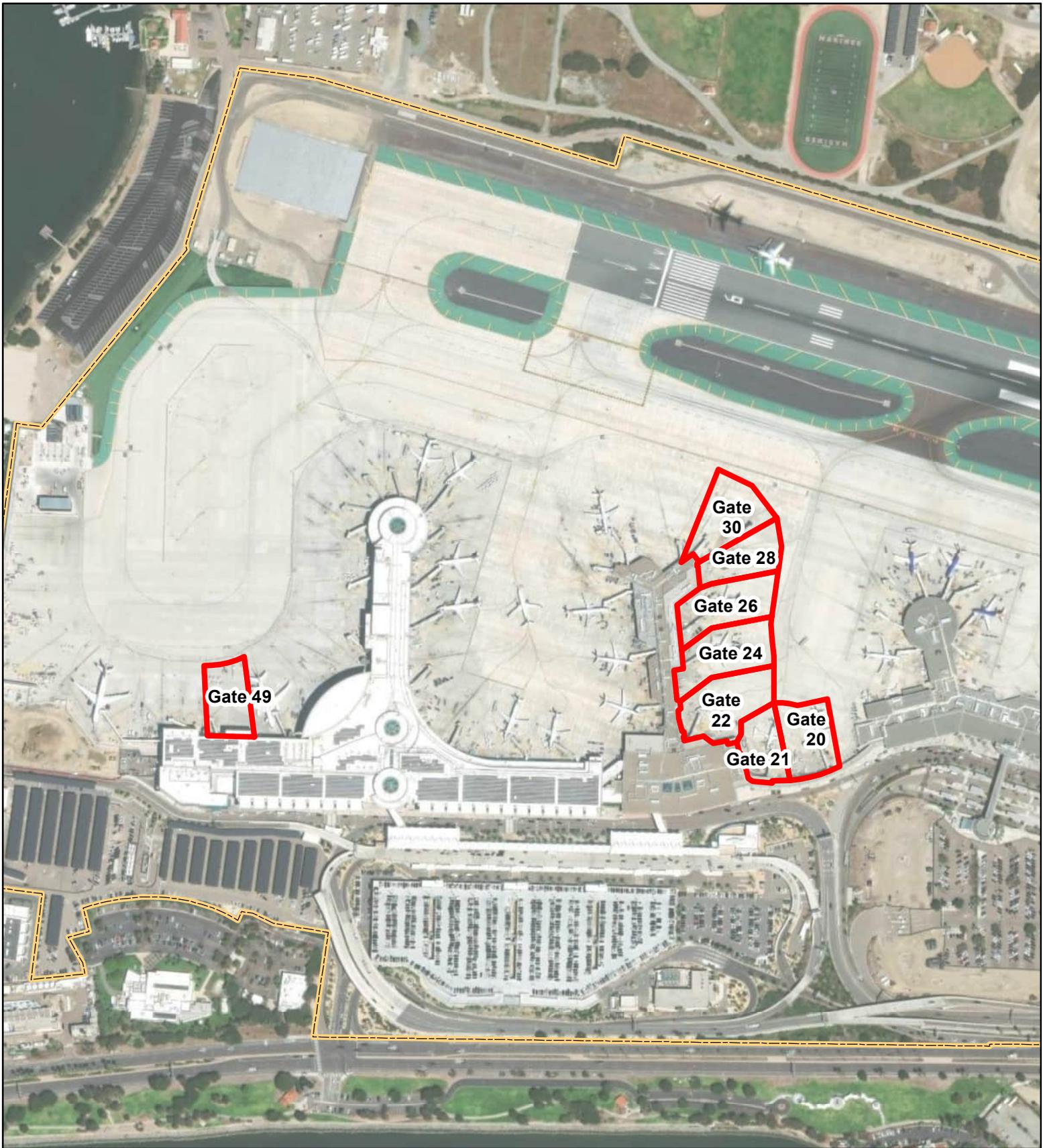
- Non-Storm Water Management
- Outdoor Equipment Ops Maintenance Areas

BMPs

- SC01 - 1, 2, 4, 7
- SC02A - 1, 2

Aircraft, Ground Vehicle & Equipment Maintenance	SC02B - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
Electric Vehicle Maintenance	SC02C - 1, 2, 3, 4, 5, 6, 7, 8, 9
Aircraft, Ground Vehicle & Equipment Fueling	SC03 - 1, 2, 4, 5, 6, 8
Aircraft, Ground Vehicle & Equipment Cleaning	SC04 - 1, 2, 5
Outdoor Loading/Unloading of Materials	SC06 - 1, 2, 3, 4, 6, 7
Outdoor Material Storage	SC07 - 1, 2, 3, 7, 11, 12
Waste Handling & Disposal	SC08 - 1, 2, 3, 4, 5, 8, 9, 10, 11, 12, 14
Employee Training	SC10 - 1, 2, 3, 4
Lavatory Service Operation	SC11 - 3, 4, 5, 6, 7, 8, 9, 10, 11
Outdoor Wash down/Sweeping	SC12 - 2, 12
Potable Water System Flushing	SC14 - 1, 2
Housekeeping	SC18 - 1, 2, 3, 4, 5, 6, 7, 8, 9
Safer/Alternative Products	SC19 - 1, 2
Spill Prevention, Control & Clean Up	SR01 - 1, 2, 3, 4, 5, 6, 7, 8, 9

* Appendix B provides descriptions for each BMP category.



LEGEND

 SDIA Boundary  Operating Area(s)



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SAN DIEGO INTERNATIONAL AIRPORT

**Alaska
Operating Areas**

FIGURE

E-3

Allegiant Air

SIC Codes 4512, 4522

Primary Activity Passenger Carrier

Drainage Areas 12, 8

Nearest MS4 Inlet 200 - 1000 ft.

Address 3707 North Harbor Dr. T2E
San Diego, CA 92101

Contact Information

Ken Sturgill Safety and Training Regional Manager

C (775) 771-0699

ksturgill@atsstl.com

John Gordon Manager - Regional

P (702) 830-8842 C (360) 355-7581

john.gordon@allegiantair.com

Facility Description and Activities

1. All equipment maintenance is done by ATS mobile. Daily vital fluid checks are performed by ATS staff and monthly Preventive Maintenance Inspections are conducted by ATS Mobile. ATS is a subtenant to Allegiant.
2. Fueling is conducted by Menzies at the Gates. ATS conducts monthly station safety audits which include observing fueling. ATS requests a poundage of fuel to be put into the aircraft prior to each fueling.
3. Cleaning of vehicles is done at the washrack. No aircraft cleaning is performed at SIDA.
4. All aircraft maintenance is performed by PAM (Flightline).
5. Allegiant does not have a permanent gate, but frequently uses Gate 33 or 34, where they RON. They also share gate 13 with Southwest. Flights are Thursday, Friday, and Sunday.
6. Potable water is flushed for 30 seconds on the ramp and allowed to evaporate.
7. ATS is a subtenant of Allegiant and performs services above the wing and below the wing for Allegiant.
8. Flagship conducts trash pickup service for tenant.

Significant Materials/Activities Potentially Exposed to Storm Water

Potential Pollutant Sources

Aircraft sanitary services
Cargo handling
Equipment storage
Fluid leaks
Fuel spills, Fuel transfer
Material loading/unloading
Outdoor waste storage
Tank fuel transfer
Trash collection

Potential Pollutants

Anti Freeze
Battery Acid
Cleaning Solutions
Fuel
Fuel (Diesel)
Hydraulic Fluids
Lavatory Chemical Wastes
Lavatory Chemicals
Lavatory Wastes
Lubricants
Metals
Oil & Grease
Rubber Particulates
Sediment
Trash

Best Management Practices Applicable to Facility

Activities

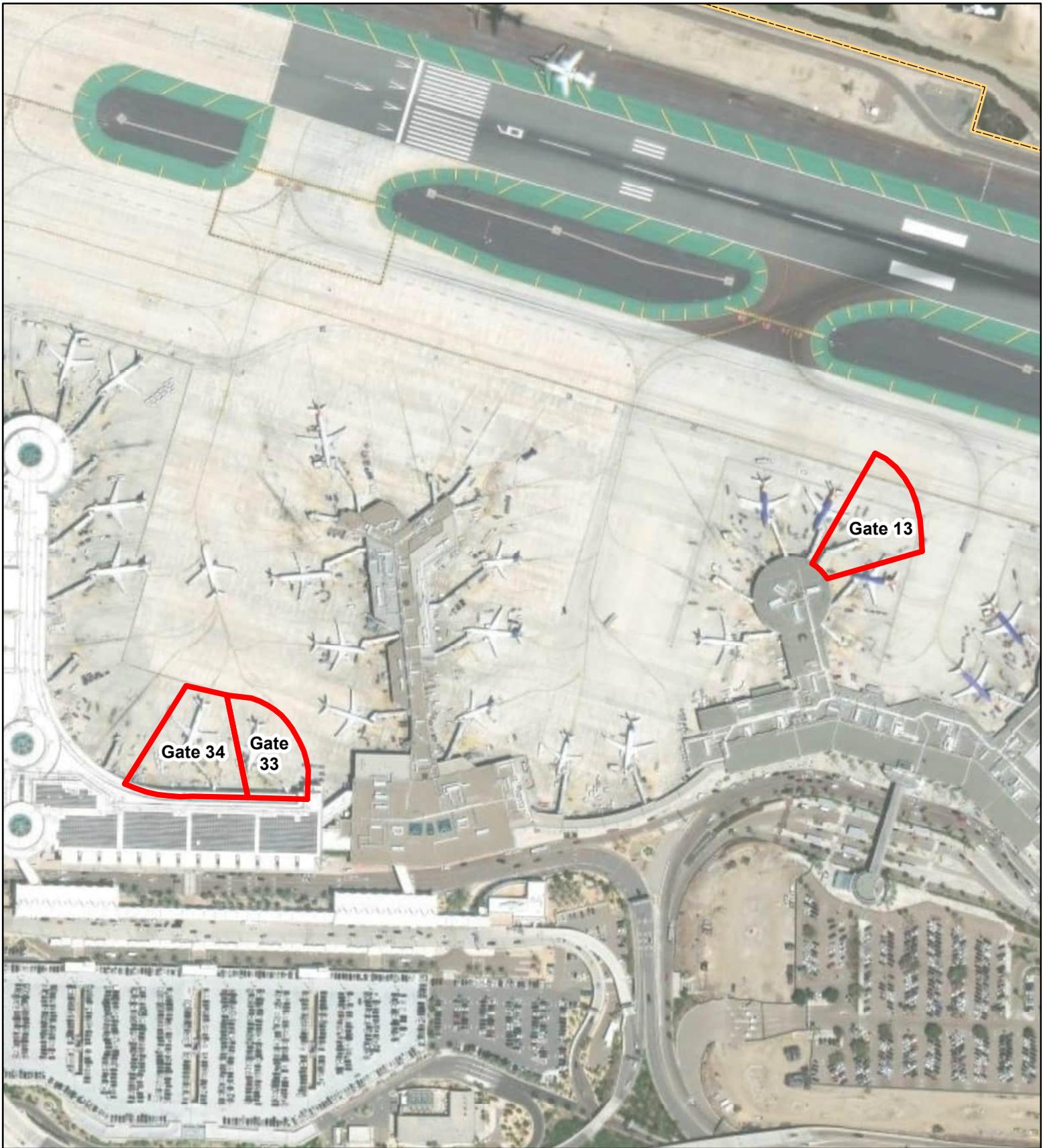
Non-Storm Water Management
Outdoor Equipment Ops Maintenance Areas
Aircraft, Ground Vehicle & Equipment Maintenance
Aircraft, Ground Vehicle & Equipment Fueling

BMPs

SC01 - 1, 2, 4, 7
SC02A - 1, 2
SC02B - 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13
SC03 - 1, 2, 4, 5, 6, 8

Aircraft, Ground Vehicle & Equipment Cleaning	SC04 - 1, 2, 3, 5
Outdoor Loading/Unloading of Materials	SC06 - 1, 2, 3, 4, 6, 7
Outdoor Material Storage	SC07 - 1, 2, 3, 7, 12
Waste Handling & Disposal	SC08 - 1, 2, 3, 4, 5, 8, 9, 10, 11, 12, 14
Employee Training	SC10 - 1, 2, 3, 4
Lavatory Service Operation	SC11 - 3, 4, 5, 6, 7, 8, 9, 10, 11
Outdoor Wash down/Sweeping	SC12 - 2
Housekeeping	SC18 - 1, 2, 3, 4, 5, 6, 7, 8, 9
Safer/Alternative Products	SC19 - 1, 2
Spill Prevention, Control & Clean Up	SR01 - 1, 2, 3, 4, 5, 6, 7, 8, 9

* Appendix B provides descriptions for each BMP category.



LEGEND

 SDIA Boundary  Operating Area(s)



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CHECKED BY:	AA/NP



SAN DIEGO INTERNATIONAL AIRPORT

**Allegiant
Operating Areas**

FIGURE

E-4

American Airlines

SIC Codes	4512, 4522	Contact Information	
Primary Activity	Passenger Carrier	Hellen Tran	Compliance Coordinator
Drainage Areas	6, 07, 8, 12	P (619) 881-9543	
Nearest MS4 Inlet	200 - 1000 ft.	hellen.tran@aa.com	
Address	3707 North Harbor Dr. #103 San Diego, CA 92101	Pamela Bosson P 6198819540 pamela.bosson@aa.com	Manager - Station C 6198466348

Facility Description and Activities

1. Menzies Aviation is contracted to perform all fueling activities. (Effective October 10, 2012) Aircraft, vehicles and equipment are fueled where they are parked.
2. In August 2015, American scrapped two (2) 8,400 gallon Jet A fueling trucks and one (1) combination 400 gallon diesel/350 gallon gasoline fueling truck that were not operational. The trucks are branded with Menzies decals. Menzies is responsible for their maintenance, and is responsible for all fueling. As of September 2022, the one (1) 10,000 gallon Jet A fueling truck has been removed.
3. Aircraft maintenance is performed by American's own mechanics. Minor maintenance is performed at the gate. Emergency maintenance is conducted where the aircraft is parked.
4. Vehicles and equipment maintenance is contracted to subtenant Menzies as of January 14, 2022. Maintenance is performed indoors where possible, larger GSEs may be serviced outdoors with appropriate BMPs.
5. Menzies is a subtenant to American and leases one garage space of the Airline Support Building (ASB).
6. The aircraft wash rack was no longer in use as of May 2016. The aircraft wash rack was taken out and returned to the Authority in September 2016.
7. Envoy is contracted to clean aircraft inside overnight.
8. Siemens is contracted to maintain jet bridges and belts.
9. American does not perform deicing operations (effective 2012).
10. American no longer does freight/cargo handling. GAT receives mail, supplies, cabin supplies, etc. for American. GAT is a subtenant to American and utilizes the cargo space adjacent to Menzies at the Airline Support Building.
11. American Airlines has three designated waste accumulation areas - one between Gates 31 and 32, one in the shed, and one hazardous waste area at Menzies Cargo (ASB).
12. Heritage Environmental Services is contracted to collect hazardous wastes accumulated by American Airlines. Some are recycled and some are treated and disposed of.
13. Tenant has an Emergency Contingency Plan, a Spill Prevention, Control, and Countermeasure Plan, FOD Plan, and County Hazardous Materials Permit.
14. USAirways and American operations completely merged in April 2015
15. USAirways merged into American's plan, policies, and procedures in April 2015.
16. As of September 2019, American no longer operates out of Gate 24, 26, 28.
17. Potable water training is given immediately when an employee is hired and records are kept on site.
18. Spill carts are located at Gate 23 and 27.
19. Electric vehicle charging stations are located at Gate 23, 34, and 28 (Gate 28 is out of service). They are waiting for new SDGE EV Charging units as of September 2019.
20. Allied Waste (DBA Republic) is contracted waste hauler for the dumpster located at the Airline Support Building.
21. American operates out of gates 23, 25, 27, 29, 31-34, and ASB/Cargo #4.
22. Accufleet is contracted for dry washing airplanes daily as of August 2022.
23. American performs aircraft engine washes every night using equipment leased from EcoPower. Wash water is contained and reused.

Significant Materials/Activities Potentially Exposed to Storm Water

Potential Pollutant Sources

Aircraft sanitary services
Cargo handling
Equipment storage
Fluid leaks
Fuel spills, Fuel transfer
Fuel storage
Material loading/unloading
Outdoor waste storage
Potable water flushing
Tank fuel transfer
Trash collection
Water/Fuel mixture within berm

Potential Pollutants

Acetone
Anti Freeze
Battery Acid
Brake Fluid
Cleaning Solutions
Coolant
Degreasers (Citrus based)
Food Waste
Fuel
Fuel (Diesel)
Fuel (Gas)
Fuel (Jet)
Fuel (Sump)
Hydraulic Fluids
Lavatory Chemical Wastes
Lavatory Chemicals
Lavatory Truck Wash Water
Lavatory Wastes
Lubricants
Metals
Oil & Grease
Purple K
Rubber Particulates
Sediment
Solvents
Transmission Fluid
Trash

Best Management Practices Applicable to Facility

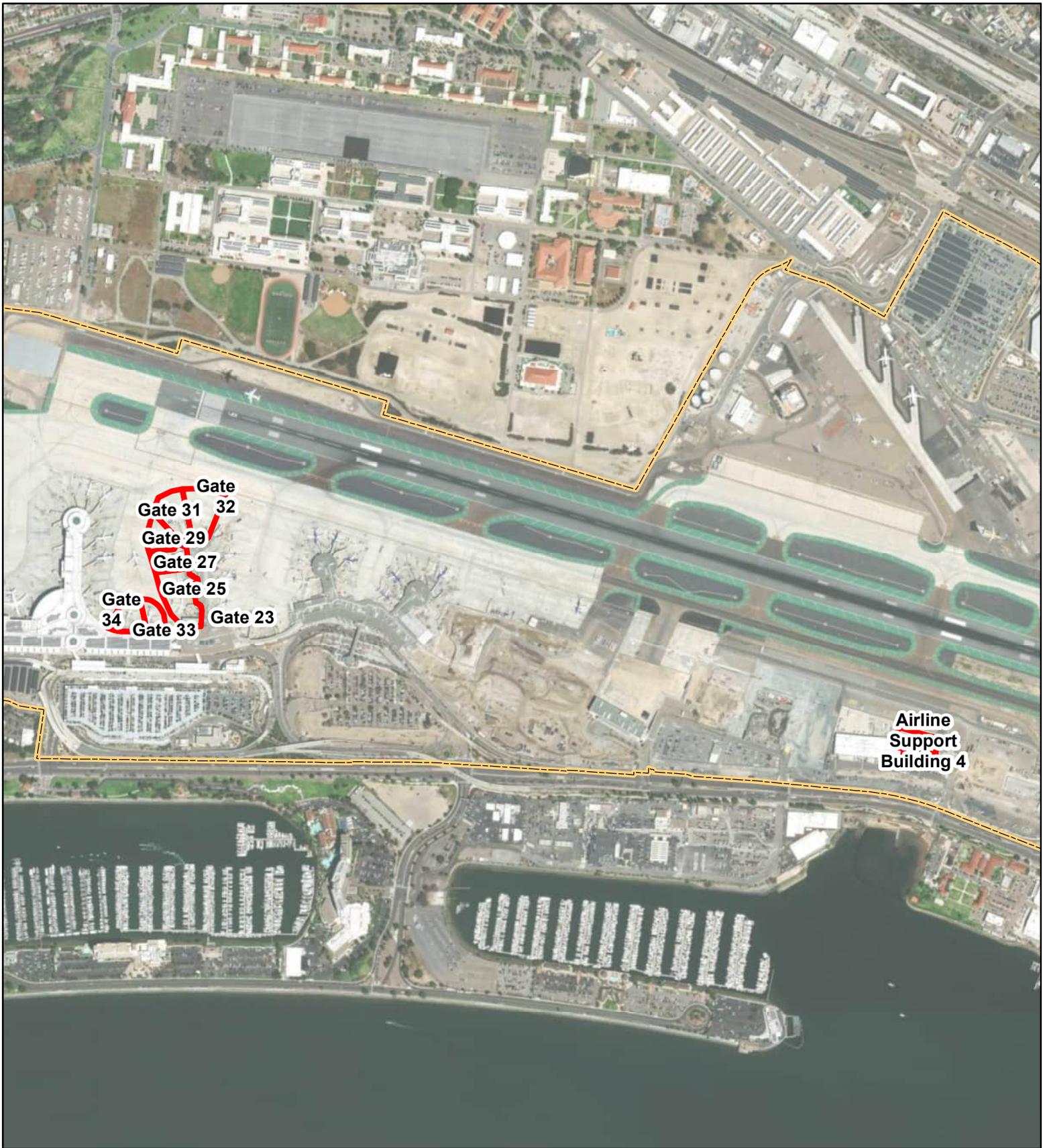
Activities

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
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

BMPs

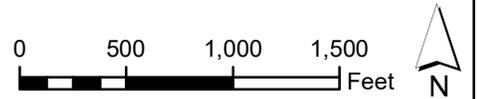
SC01 - 1, 2, 3, 4
SC02A - 1, 2
SC02B - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
SC02C - 1, 2, 3, 4, 5, 6, 7, 8, 9
SC03 - 1, 2, 3, 4, 5, 6, 8
SC04 - 1, 2, 5, 6, 7, 9
SC06 - 1, 2, 3, 4, 5, 6, 7
SC07 - 1, 2, 3, 5, 6, 7, 8, 9, 10, 11, 12, 13
SC08 - 1, 2, 3, 4, 5, 8, 9, 10, 11, 12, 14
SC09 - 9
SC10 - 1,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

* Appendix B provides descriptions for each BMP category.



LEGEND

 SDIA Boundary  Operating Area(s)



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

PROJECT NO:	5025-22-2002
DATE:	FEBRUARY 2023
DRAWN BY:	PM
CHECKED BY:	AA/NP



SAN DIEGO INTERNATIONAL AIRPORT

**American
Operating Areas**

FIGURE

E-5

Best Management Practices Applicable to Facility

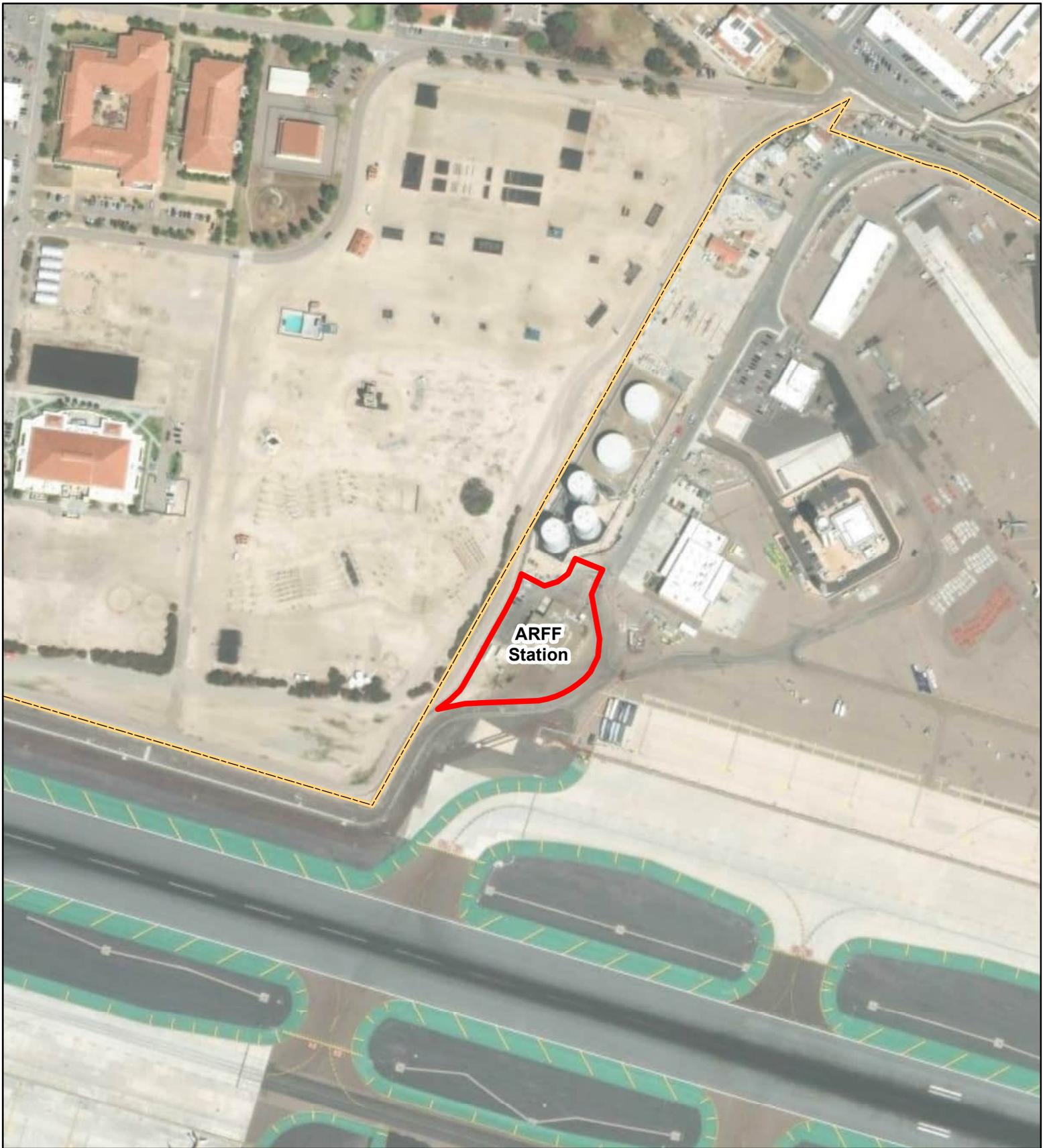
Activities

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

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 SDIA Boundary  Operating Area(s)



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DATE:	FEBRUARY 2023
DRAWN BY:	PM
CHECKED BY:	AA/NP



SAN DIEGO INTERNATIONAL AIRPORT

**ARFF
Operating Areas**

FIGURE

E-6

Avis Car Rental

SIC Codes 7521

Primary Activity Parking Lot Management

Drainage Areas N/A

Nearest MS4 Inlet < 200 ft.

Address 3225 North Harbor Dr.
San Diego, CA 92101

Contact Information

Viral Desai District Manager

P (424) 312-3203

viral.desai@avisbudget.com

Miguel Gonzalez Manager

C (619) 250-9047

miguel.gonzalez@avisbudget.com

Facility Description and Activities

Created: 11/30/2021 12:29:44 PM

1. The parcel north of the “elbow” lot on Harbor Island Drive is leased from the Port of San Diego and is subleased to their tenant, Avis. Avis primarily uses the lot for storage of vehicle overflow from their primary operations located by Liberator Way. No other activities are occurring besides vehicle storage.
2. The main Avis location is across the street from the Arrive/ADC trailers. Housed here is a 12,000-gallon gasoline AST used to fuel vehicles onsite with bermed secondary containment. A six-car mechanic garage is located on the east side of the facility to conduct repairs, oil changes, and other detailing work. Waste oils and filters are disposed of in hazardous material bins that are undercover and in secondary containment.

Significant Materials/Activities Potentially Exposed to Storm Water

Potential Pollutant Sources

- Drainage system maintenance
- Fluid leaks
- Fuel spills, Fuel transfer
- Fuel storage
- Outdoor waste storage
- Trash collection
- Vehicle parking

Potential Pollutants

- Fuel
- Fuel (Gas)
- Hydraulic Fluids
- Lavatory Chemicals
- Lavatory Wastes
- Lubricants
- Metals
- Oil & Grease
- Sediment
- Trash

Best Management Practices Applicable to Facility

Activities

- Non-Storm Water Management
- Aircraft, Ground Vehicle & Equipment Maintenance
- Aircraft, Ground Vehicle & Equipment Fueling
- Waste Handling & Disposal
- Employee Training
- Lavatory Service Operation
- Parking Lots
- Drainage System Maintenance
- Housekeeping
- Spill Prevention, Control & Clean Up

BMPs

- SC01 - 1, 2, 3, 4
- SC02B - 1, 2, 3, 4, 5, 6
- SC03 - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11
- SC08 - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12
- SC10 - 1, 2, 3, 4
- SC11 - 7, 11, 12, 13
- SC16 - 1, 2, 3, 4, 5, 6, 14
- SC17 - 1, 2, 3, 4, 5
- SC18 - 1, 2, 3, 4, 5
- SR01 - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

* Appendix B provides descriptions for each BMP category.



LEGEND

 SDIA Boundary  Operating Area(s)



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

PROJECT NO:	5025-22-2002
DATE:	FEBRUARY 2023
DRAWN BY:	PM
CHECKED BY:	AA/NP



SAN DIEGO INTERNATIONAL AIRPORT

**AVIS
Operating Areas**

FIGURE

E-7

Bradford

SIC Codes 4581

Primary Activity Cargo Handling

Drainage Areas 6

Nearest MS4 Inlet < 200 ft.

Address 2247 West Washington St.
San Diego, CA 92101

Contact Information

Arturo Cruz Lopez Manager

P (619) 639-1201

alopez@airportlogistics.org

Edwin Lopez Manager

elopez@airportlogistics.org

Facility Description and Activities

1. Approximately 30 inbound (to the RDC) deliveries per day and approximately 5 outbound (from RDC to terminals) per day, which include food products, plastic totes, bread racks, milk crates, donations, and outbound parcels for UPS or FedEx.
2. Delivery trucks of vendors for various tenants load and unload materials at CRDC front loading dock. Bradford transfers the materials to their trucks at CRDC back loading dock for delivery to the tenants. Materials are delivered to tenant operating areas on the ramps. Tenants oversee the delivery and staging of materials on the ramp, and properly store those supplies. Recyclable materials and materials meant for disposal by a subcontractor/vendor are staged outside on the ramp until Bradford returns for pick up. This includes crates, pallets, kegs, used wasted oil, and other plastic containers.
3. One refrigeration room and one cooler room in the warehouse.
4. The several trucks and vans used as a part of their operations are washed and all maintenance is done off site. (3 box trucks and 1 cargo van).
5. Once per week (usually Sunday) trash and recycling is transported from the RDC to the main compactor area on the south side ramp.
6. Trash containers are indoors and outdoors. Only two small gondolas with lids are outdoors and are kept in a covered area.
7. All cleaning products used are "green." Building and facility is certified LEED Gold. Cleaning supplies are the "Greenworks" line of products.
8. Outdoor sweeping is done on Sundays and sometimes Tuesdays.
9. Employees do annual training, including training on spill prevention and response, and batteries.
10. No hazardous materials are maintained or transported.
11. All materials are stored indoors.
12. Bradford does extraction and transport of grease from airport concessionaires. Extraction is done Monday's, Wednesday's and Friday's at 1am by two methods: (1) Extraction unit with the capacity of 130 gallons is rolled into a truck and is transported to the terminals. The unit is then rolled into the terminals where hoses are used to extract the grease from the tenants grease containers. The unit is then transported by truck back to the RDC, where the grease is then transferred again into a large, indoor storage tank 865 gallon capacity; (2) the tenants empty their fryers at their close of shift into lined buckets and we pick up the lined buckets and exchange them with replacements. In addition, there is a covered 225 gallon receptacle located at the front of the RDC for by-product material (grill scrapings).
13. Water is heated via solar heating system.
14. On a monthly basis, a grease recycling company (DarPro), contracted by the Authority, comes to the RDC and uses hoses to transfer the grease from the storage tank into their trucks to transfer back to their facility. The WVO is converted into Bio diesel and sheet metal stamping oil.
15. If needed, an offsite mechanic (Miramar Ford) assists with repairing Bradford's vehicles.
16. The landscaping outside of the CRDC is maintained by the landscaping company Aztec.

Significant Materials/Activities Potentially Exposed to Storm Water

Potential Pollutant Sources

- Cargo handling
- Drainage system maintenance
- Fluid leaks
- Herbicide usage

Potential Pollutants

- Anti Freeze
- Battery Acid
- Cleaning Solutions
- Food Waste

Material loading/unloading
Outdoor waste storage
Pesticide usage
Tank fuel transfer
Trash collection
Vehicle parking
Water/Fuel mixture within berm

Fuel
Fuel (Diesel)
Hydraulic Fluids
Landscape Wastes
Metals
Oil & Grease
Paints
Pesticides/Herbicides
Recyclables
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 Cleaning
Outdoor Loading/Unloading of Materials
Outdoor Material Storage
Waste Handling & Disposal
Building & Ground Maintenance
Employee Training
Parking Lots
Drainage System Maintenance
Housekeeping
Safer/Alternative Products
Spill Prevention, Control & Clean Up
Structural Treatment Control BMPs

BMPs

SC01 - 1, 2, 3, 4, 7
SC02A - 1, 2
SC02B - 1, 2, 3, 4, 5, 6
SC04 - 1, 2, 5, 6
SC06 - 1, 2, 3, 4, 6, 7
SC07 - 1, 2, 3, 6, 7, 8, 9, 10
SC08 - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14
SC09 - 2, 3, 5
SC10 - 1, 2, 3, 4
SC16 - 1, 2, 4, 5, 6, 11, 12
SC17 - 1, 2, 5
SC18 - 1, 2, 3, 4, 5, 6, 7, 8, 9
SC19 - 1, 2
SR01 - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10
TC01 - 1, 2, 3, 4

* Appendix B provides descriptions for each BMP category.



**CRDC/Bradford
Grease Trap
Storage**

LEGEND

 SDIA Boundary  Operating Area(s)



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

PROJECT NO.:
5025-22-2002
DATE: FEBRUARY 2023
DRAWN BY: PM
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SAN DIEGO INTERNATIONAL AIRPORT

**Bradford
Operating Areas**

FIGURE

E-8

British Airways Airlines

SIC Codes 4512, 4522

Primary Activity Passenger Carrier

Drainage Areas 12, 15

Nearest MS4 Inlet < 200 ft.

Address 3707 North Harbor Dr. #117
San Diego, CA 92101

Contact Information

David Johnson Dnata Station Manager

P **C** 6192521820

dave.johnson@dnata.us

Wayne Johnson Manager - General

P (310) 846-2007

wayne.johnson@ba.com

Facility Description and Activities

1. British Airways operates out of Gates 51. Gate 51 is shared with Air Canada and Alaska Airlines.
2. British Airways aircraft fueling is carried out by Menzies.
3. British Airways does not have any vehicles onsite. Subcontractor Dnata has 2 vehicles that are kept and maintained offsite.
4. Minor aircraft maintenance is performed at the gate by a British Airways flight engineer/mechanic.
5. Aircraft is not washed on site.
6. All freight/cargo handling is carried out by WFS. WFS occasionally receives deliveries (i.e. cabin supplies) for British Airways. CAS became WFS in early 201
7. 7. Tenant has used the Airport Storm Water Management Plan, and has an Emergency Contingency Plan, and a Spill Prevention, Control, and Countermeasure Plan.
8. Do & CC Catering Co is a vendor for BA.
9. Dnata manages employees and equipment for BA. GSI became Dnata in January of 2017.
10. Lavatory services performed in-house.
11. The airport wash rack is used occasionally to wash equipment and vehicles. BA may contract power wash cleaning services for a quarterly wash and/or steam clean. Company berms the area and vacuums the water.
12. Tenant has 1 spill kit located at RON Area 1. The only outdoor storage that BA uses is Dnata's GSE in the RON Area 1. BA does not store any materials on site.

Significant Materials/Activities Potentially Exposed to Storm Water

Potential Pollutant Sources

- Aircraft sanitary services
- Cargo handling
- Fluid leaks
- Fuel spills, Fuel transfer
- Material loading/unloading
- Potable water flushing
- Trash collection

Potential Pollutants

- Anti Freeze
- Battery Acid
- Cleaning Solutions
- Fuel
- Fuel (Jet)
- Hydraulic Fluids
- Lavatory Chemicals
- Lavatory Truck Wash Water
- Lavatory Wastes
- Lubricants
- Oil & Grease
- Paints
- Rubber Particulates
- Trash

Best Management Practices Applicable to Facility

Activities

BMPs

Non-Storm Water Management	SC01 - 1, 2, 4, 7
Outdoor Equipment Ops Maintenance Areas	SC02A - 1, 2
Aircraft, Ground Vehicle & Equipment Maintenance	SC02B - 1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 12
Aircraft, Ground Vehicle & Equipment Fueling	SC03 - 1, 2, 4, 5, 6, 8
Aircraft, Ground Vehicle & Equipment Cleaning	SC04 - 1, 2, 3, 5
Outdoor Loading/Unloading of Materials	SC06 - 1, 2, 3, 4, 6, 7
Waste Handling & Disposal	SC08 - 1, 2, 8, 9, 10, 11, 12, 14
Employee Training	SC10 - 1, 2, 3, 4
Lavatory Service Operation	SC11 - 3, 4, 5, 6, 7, 8, 9, 10, 11
Outdoor Wash down/Sweeping	SC12 - 2, 12
Potable Water System Flushing	SC14 - 1, 2
Housekeeping	SC18 - 1, 2, 3, 4, 5
Safer/Alternative Products	SC19 - 1, 2
Spill Prevention, Control & Clean Up	SR01 - 1, 2, 3, 4, 5, 6, 7, 8, 9

* Appendix B provides descriptions for each BMP category.



LEGEND

 SDIA Boundary  Operating Area(s)



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

PROJECT NO.:
5025-22-2002
DATE: FEBRUARY 2023
DRAWN BY: PM
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SAN DIEGO INTERNATIONAL AIRPORT

**British Airways
Operating Areas**

FIGURE

E-9

Cartwright Termite & Pest Control, Inc

SIC Codes 7342
Primary Activity Facility Maintenance
Drainage Areas 8
Nearest MS4 Inlet < 200 ft.
Address 3225 North Harbor Dr.
 San Diego, CA 92101

Contact Information
 Jim Patterson Pest Control Manager
 P 6199472625 C
 Jim.patterson@cartwrightsdia.com

 Rob Cartwright CFO
 P 6192502013 C
 rob@cartwright.sdcoxmail.com

Facility Description and Activities

1. Material storage (pesticides) is off-site at headquarters at 1376 Broadway El Cajon 92021.
2. Materials used for operational purposes, pesticides and relevant applicators, are stored in a covered container on Cartwright trucks; those trucks are parked at the headquarters.
3. Miscellaneous equipment stored on-site behind fence at Gate 12 and are protected by overhead building awning. Miscellaneous equipment include rodent control supplies, shop vac, ladders, etc.
4. Spill kit is readily available on-site, within the office at Gate 12 and are also stored on the Cartwright trucks.
5. Trucks that are used by Cartwright daily are for meeting with tenants, inspecting pest control equipment, and other day-to-day tasks (not pest control applications) and are inspected daily for leaks and are well kept.

Significant Materials/Activities Potentially Exposed to Storm Water

Potential Pollutant Sources

Drainage system maintenance
 Fluid leaks
 Outdoor waste storage
 Pesticide usage
 Tank fuel transfer
 Trash collection

Potential Pollutants

Metals
 Oil & Grease
 Pesticides/Herbicides
 Sediment

Best Management Practices Applicable to Facility

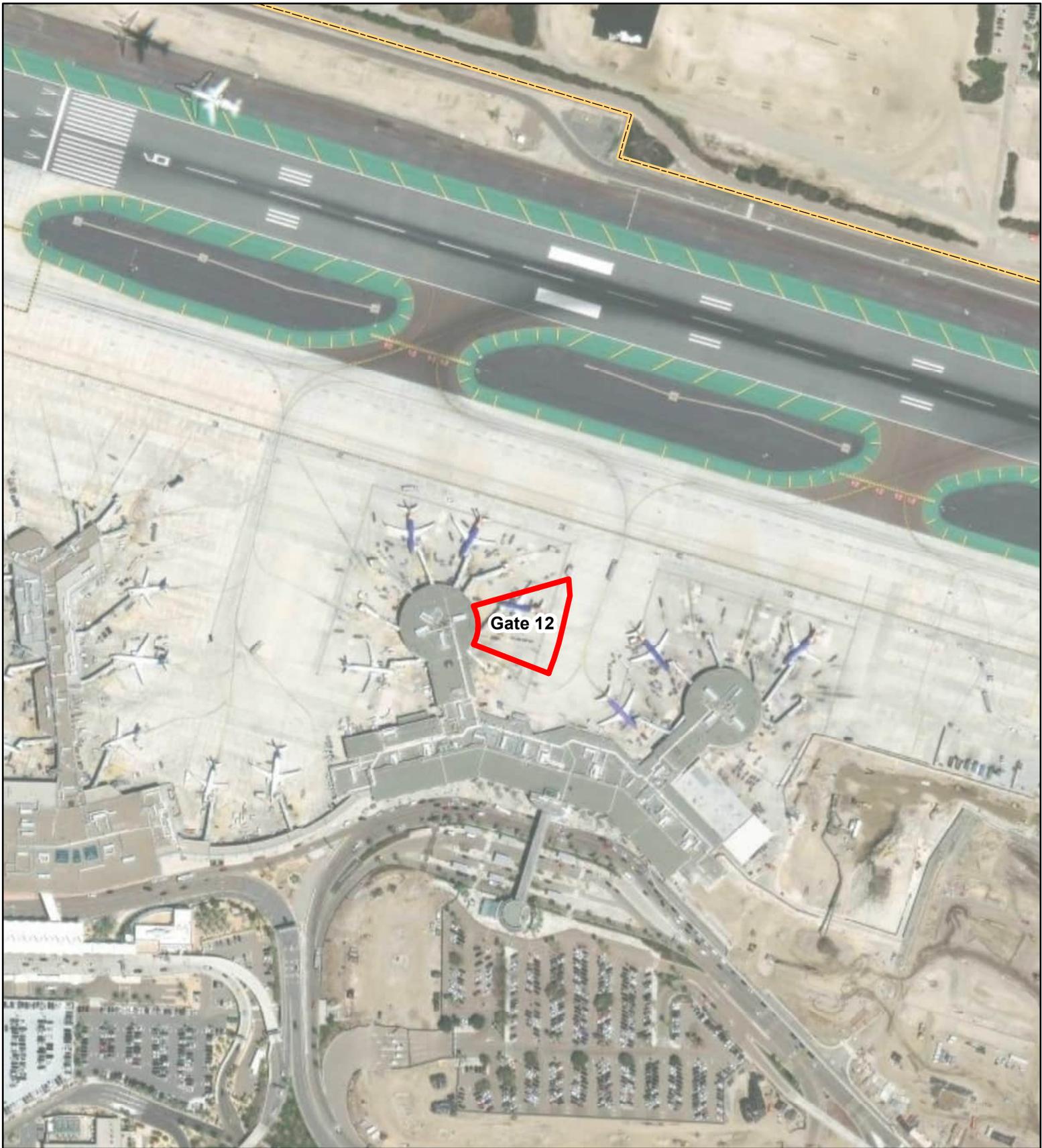
Activities

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

BMPs

SC01 - 1, 2, 4
 SC02A - 1, 2
 SC02B - 1, 4, 5, 6, 11
 SC07 - 1, 2, 7, 11, 12, 13
 SC08 - 1, 2, 3, 4, 5, 6, 8, 9, 10, 11, 12, 14
 SC09 - 3
 SC10 - 1, 2, 3, 4
 SC17 - 2
 SC18 - 1, 2, 3, 4, 5, 6, 7, 8, 9
 SC19 - 1, 2
 SR01 - 1, 2, 3, 4, 5, 6, 7, 9, 10

* Appendix B provides descriptions for each BMP category.



LEGEND

 SDIA Boundary  Operating Area(s)



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

PROJECT NO.:
5025-22-2002
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SAN DIEGO INTERNATIONAL AIRPORT

**Cartwright
Operating Areas**

FIGURE

E-10

Conrac Solutions

SIC Codes 7521

Primary Activity Parking Lot Management

Drainage Areas 3, 5

Nearest MS4 Inlet < 200 ft.

Address 3355 Admiral Boland Way, Ste Q228
San Diego, CA 92101

Contact Information

Tyler Mclean Facilities Manager

P (619) 574-0647 C (619) 709-0947

tmclean@conracsolutions.com

Catherine Jeffrey Facility Coordinator

P (619) 574-0647 C (619) 674-8652

cjeffrey@conracsolutions.com

Facility Description and Activities

1. The San Diego Rental Car Facility was constructed with the purpose of supporting airport related rental car operations at one convenient location. It includes a parking garage structure with a customer service area/rental car counter, and an area to service rental vehicles (referred to as the Quick Turn Around Area or QTA). The building can hold up to 5,000 vehicles.
2. The QTA includes car washes, fueling, vacuums and other equipment to prepare cars for the customers.
3. The site has one fuel farm with three (3) underground storage tanks (UST). Each tank is 25,000 gallons and stores only regular unleaded gasoline. The total gasoline storage is approximately 75,000 gallons. Fueling areas are on floors 1-3. There are 12 pumps and 24 fueling stations on floors 1-3 (12 double sided fueling dispensers). The fueling island overflow can hold up to 8,000 gallons, but will shut down fueling if it reaches 15 gallons. The fuel is provided by Tac Energy.
4. The facility has three oil water separators (OWS) that are each approximately 10,000 gallons.
5. The tank for the generator contains diesel fuel and is approximately 900 gallons. Fuel is provided by Tac Energy.
6. The oil room contains three (3) used oil containers that store 2,500 gallons each. There is one tank that stores new motor oil, it is 2,500 gallons.
7. There are five (5) maintenance bays on floors 1-3. Only light maintenance including tire rotations and oil changes are done one site. Heavy maintenance is conducted offsite. Some of the maintenance bays have used oil filter containers. All bays have waste oil containers that feed into the waste oil pumps/containers that feed into the waste oil tanks described in item number 6.
8. The car wash drains lead to the oil water separator. The water is recycled and reused in the car wash. The reclaimed water tank can hold up to 4,500 gallons on each floor. The car wash also uses reverse osmosis (RO) to clean the water for the final spray. The water that is not clean enough for the final spray is used in earlier steps within the car wash. The overflow from the RO water tanks lead to the OWS. Approximately 220 gallons of car wash soap are stored within each car wash bay. Floors 2 and 3 have five (5) wash bays. The first floor only has three (3) wash bays. Approximately 3,700 (pre-Covid-19) cars are washed per day.
9. The landscaping is done by Dreamscape and they visit the site three to four times per week. Herbicides are applied biannually. Fertilizers are applied quarterly and pesticides are applied as needed.
10. ACT Enviro is the vendor for all major spills. The threshold for calling ACT Enviro is a 25 gallon spill. Several 55 gallon used absorbent drums are utilized to collect used absorbent that will be removed by ACT Enviro. The 55-gallon drums are stored within the oil room. The entire room acts as a secondary containment for over 500 gallons.
11. Dumpster/Compactor area cleaning is conducted in the service yard. Both compactors/dumpsters have drain lines that first route through the oil/water separator and then connect to the sanitary sewer.
12. Calico Building Services is contracted to clean the front of the building, parking lots, and trash containers, and all common building areas.
13. Sweeping is conducted on a rotating calendar. All parking lots are swept monthly, and it is conducted at night to maximize the areas swept.
14. There are six (6) bioretention BMPs on the site. These TCBMPs are functioning well and drain within 24 hours.
15. Storage at the facility is under cover and within the building. Most materials are stored within cages on each floor against the east side of the building.
16. Repair and maintenance on fuel systems in cars is done by Western Pump.
17. The fourth floor is only for vehicle/facility storage.
18. Monthly and annual inspections conducted on UST. Internal sensors present to detect leaks as well.

Significant Materials/Activities Potentially Exposed to Storm Water

Potential Pollutant Sources

Building & Ground maintenance
Cargo handling
Equipment storage
Fluid leaks
Fuel spills, Fuel transfer
Fuel storage
Herbicide usage
Material loading/unloading
Outdoor washdown
Outdoor waste storage
Pesticide usage
Ramp/Taxiway scrubbing
Tank fuel transfer
Trash collection
Vehicle parking

Potential Pollutants

Cleaning Solutions
Degreasers (Citrus based)
Fertilizers
Floatables
Food Waste
Fuel
Fuel (Diesel)
Fuel (Gas)
Hydraulic Fluids
Landscape Wastes
Lubricants
Oil & Grease
Paints
Pesticides/Herbicides
Recyclables
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 Loading/Unloading of Materials
Outdoor Material Storage
Waste Handling & Disposal
Building & Ground Maintenance
Employee Training
Outdoor Wash down/Sweeping
Parking Lots
Housekeeping
Safer/Alternative Products
Erodible Areas
Spill Prevention, Control & Clean Up
Structural Treatment Control BMPs

BMPs

SC01 - 1, 2, 3, 4, 5, 6, 8, 9, 10
SC02A - 1, 2
SC02B - 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13
SC03 - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11
SC04 - 1, 2, 3, 4, 5, 6, 7, 9
SC06 - 1, 2, 3, 4, 6, 7
SC07 - 1, 2, 3, 7, 11, 12
SC08 - 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 13, 14
SC09 - 1, 2, 3, 4, 5, 7
SC10 - 1, 2, 3, 4
SC12 - 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12
SC16 - 1, 2, 4, 5, 6, 11, 12, 13
SC18 - 1, 2, 3, 4, 5, 6, 7, 8, 9
SC19 - 1, 2
SC20 - 1, 3, 4
SR01 - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10
TC01 - 1, 2, 3, 4

* Appendix B provides descriptions for each BMP category.



LEGEND

 SDIA Boundary  Operating Area(s)



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

PROJECT NO.:
5025-22-2002
DATE: FEBRUARY 2023
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SAN DIEGO INTERNATIONAL AIRPORT

**Conrac
Operating Areas**

FIGURE

E-11

Delta Airlines

SIC Codes 4512, 4522 Primary Activity Passenger Carrier Drainage Areas 07, 12, 15, 6, 8 Nearest MS4 Inlet < 200 ft. Address 3835 North Harbor Dr. #107 San Diego, CA 92101	Contact Information Jason Kempster Manager - Station P 6194912800 C 2062952356 jason.l.kempster@delta.com <hr/> Pauline Latino Environmental Coordinator P (619) 491-2800 C (619) 219-9673 Pauline.latin@delta.com
--	---

Facility Description and Activities

**SkyWest is contracted to fly planes for Delta. Skywest does not hold lease space; however, they land airplanes at the San Diego Airport.

1. WFS handles cargo for Delta as a subtenant.
2. UNIFI is Delta's subtenant for GSE maintenance. UNIFI operates the GSE maintenance shop located at the Airline Support Building (ASB). UNIFI performs vehicle and GSE maintenance for Delta. Maintenance is only performed inside the GSE maintenance shop at the ASB, none is performed on the ramp. In addition to maintenance, UNIFI provides ground handling and baggage services.
3. Ground support equipment, cargo containers, dollies, and other items are stored behind the ASB, west RON, and North Ramp.
4. Delta's own technicians perform aircraft maintenance at the gates.
5. Vehicles and GSE are washed at the Authority wash rack.
6. Spill kits are located at, or in close proximity to, every gate with a larger cart on west ramp.
7. Delta/UNIFI each performs regular inspections of vehicles/GSE and aircraft during fueling operations.
8. All fueling is performed by Menzies.
9. Flushing of potable water lines is not performed.
10. Hazardous wastes are collected by Univar Solutions (formerly Nexeo Solutions LLC), who does liquid waste recycling.
11. Tenant has a Corporate Storm Water Pollution Prevention Plan, a Hazardous Waste Emergency Plan, a Hazardous Waste Management Plan, and a FOD Plan.
12. Delta operates out of gates 35-38, 46, 47, and ASB/Cargo #3 and #6. Delta also operates at shared gates 45 and 48 (~1 flight per day).
13. A Hazardous Materials locker is in a roll up cage outside at Gate 47.

Significant Materials/Activities Potentially Exposed to Storm Water

Potential Pollutant Sources

Aircraft sanitary services
 Cargo handling
 Drainage system maintenance
 Equipment storage
 Fluid leaks
 Fuel spills, Fuel transfer
 Material loading/unloading
 Outdoor apron washdown
 Outdoor waste storage
 Tank fuel transfer
 Trash collection

Potential Pollutants

Acetone
 Anti Freeze
 Battery Acid
 Brake Fluid
 Cleaning Solutions
 Coolant
 Degreasers (Citrus based)
 Food Waste
 Fuel
 Fuel (Diesel)
 Fuel (Gas)
 Fuel (Jet)

Fuel (Sump)
 Hydraulic Fluids
 Lavatory Chemical Wastes
 Lavatory Chemicals
 Lavatory Truck Wash Water
 Lavatory Wastes
 Lubricants
 Metals
 Oil & Grease
 Purple K
 Rubber Particulates
 Sealants
 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
 Outdoor Loading/Unloading of Materials
 Outdoor Material Storage
 Waste Handling & Disposal
 Employee Training
 Lavatory Service Operation
 Outdoor Wash down/Sweeping
 Drainage System Maintenance
 Housekeeping
 Safer/Alternative Products
 Spill Prevention, Control & Clean Up

BMPs

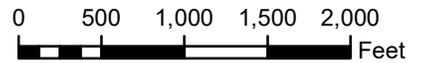
SC01 - 1, 2, 4, 7
 SC02A - 1, 2
 SC02B - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
 SC02C - 1, 2, 3, 4, 5, 6, 7, 8, 9
 SC03 - 1, 2, 5, 6
 SC04 - 1, 2, 3, 5, 6
 SC06 - 1, 2, 3, 4, 6, 7
 SC07 - 1, 2, 3, 5, 7, 11, 12, 13
 SC08 - 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 14
 SC10 - 1, 2, 3, 4
 SC11 - 3, 4, 5, 6, 7, 8, 9, 10, 11
 SC12 - 2, 3, 5, 6, 7, 8, 9, 12
 SC17 - 2
 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, Earthstar Geographics, and the GIS User Community

PROJECT NO.:
5025-22-2002
DATE: FEBRUARY 2023
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SAN DIEGO INTERNATIONAL AIRPORT

**Delta
Operating Areas**

FIGURE

E-12

DHL

SIC Codes 4513
Primary Activity Air & Ground Freight
Drainage Areas 3, 5, 6
Nearest MS4 Inlet < 200 ft.
Address 225 Washington St.
San Diego, CA 92101

Contact Information

Sheryl Hannah Supervisor

P 6193412756 C

SHERYL.HANNAH@dhl.com

David Tabali Vendor - Primary Contact

dtabali@casusa.com

Facility Description and Activities

1. DHL has one cargo plane (767 plane) that comes in the AM, departs in the PM.
2. DHL trucks come on site (through the WA St. entrance) to pick up cargo and take it back to off site facility for sorting.
3. WFS Cargo, which was previously IAS (vendor to DHL) unloads the plane and does all ground handling. CAS purchased IAS within FY16. The airport has contracts with WFS (previously CAS/IAS) under the name IAS, which is why it may still be on some current paperwork. WFS (previously CAS) does not lease space.
4. GDX also has 2 trucks that come on site to pick up cargo. Other vendors who drop off containers are Letter Ride..
5. Plane is loaded in the PM with material from incoming trucks.
6. Swift Air (vendor) does maintenance on the DHL plane on the ramp.
7. DHL ground service equipment is maintained and contracted through Signature/LGSTX. Equipment is taken to Signature if maintenance is needed.
8. No washing of any equipment is performed on the ramp.
9. Menzies fuels the DHL plane and Signature fuels ground service equipment.
10. Bathroom for the DHL portable lavatory is serviced by Diamond Environmental (twice a week).
11. There is one DHL office trailer on site.
12. There are two self contained Diamond port-o-potties on site for DHL employees.
13. There are 3 conex containers on the ramp where maintenance supplies and equipment are stored. LGSTX, Swift Air and WFS each own one of the conex containers.
14. All ground service equipment are parked on the ramp by the trailers.
15. DHL employees do safety training which includes spill response procedures.
16. Spill kit and supplies are located indoors in room at DHL trailer.
17. No aircraft lavatory services occur at SAN. All DHL aircrafts get serviced at CBG.

Significant Materials/Activities Potentially Exposed to Storm Water

Potential Pollutant Sources

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

Potential Pollutants

Cleaning Solutions
Degreasers (Citrus based)
Fuel
Fuel (Jet)
Hydraulic Fluids
Lavatory Chemicals
Lavatory Wastes
Metals
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 Loading/Unloading of Materials
Outdoor Material Storage
Waste Handling & Disposal
Building & Ground Maintenance
Employee Training
Lavatory Service Operation
Outdoor Wash down/Sweeping
Parking Lots
Housekeeping
Safer/Alternative Products
Spill Prevention, Control & Clean Up

BMPs

SC01 - 1, 2, 4, 7
SC02A - 1, 2
SC02B - 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13
SC03 - 1, 2, 4, 5, 6, 8
SC04 - 1, 2
SC06 - 1, 2, 3, 4, 6, 7
SC07 - 1, 2, 3, 5, 7, 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, 12, 13
SC12 - 12
SC16 - 1, 2, 3, 4, 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

 SDIA Boundary  Operating Area(s)



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

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SAN DIEGO INTERNATIONAL AIRPORT

**DHL
Operating Areas**

FIGURE

E-13

Vehicle parking

Fuel (Jet)

Hydraulic Fluids

Lavatory Chemicals

Lavatory Wastes

Lubricants

Metals

Oil & Grease

Paints

Recyclables

Sealants

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

Aircraft, Ground Vehicle & Equipment Fueling

Aircraft, Ground Vehicle & Equipment Cleaning

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

Structural Treatment Control BMPs

BMPs

SC01 - 1, 2, 4

SC02A - 1, 2

SC02B - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

SC03 - 1, 2, 4, 5, 6, 8

SC04 - 1, 2, 3, 5, 6, 7

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

SC07 - 1, 2, 3, 6, 7, 8, 11, 12

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

SC09 - 8, 9

SC10 - 1, 2, 3, 4

SC11 - 12, 13

SC12 - 2, 3, 5, 8, 9, 10, 12

SC14 - 1, 2

SC16 - 1, 2, 3, 4, 5, 6, 11, 12

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

SC19 - 1, 2

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

TC01 - 1, 2, 3, 4

* Appendix B provides descriptions for each BMP category.



LEGEND

 SDIA Boundary  Operating Area(s)



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SAN DIEGO INTERNATIONAL AIRPORT

**FedEx
Operating Areas**

FIGURE

E-14

13. Flagship owns 4 trucks and 1 SUV. Maintenance is done offsite.
14. SANCO manages the contract and compliance for Flagship and Siemens. They do not directly oversee activities.
15. Fueling is performed by Menzies every morning at Gate 17.
16. Bradford is responsible for delivery and unloading of materials.
17. Flagship washes their trash bins in the wash sink at the main compactor area in T1.

Significant Materials/Activities Potentially Exposed to Storm Water

<u>Potential Pollutant Sources</u>	<u>Potential Pollutants</u>
Fluid leaks	Battery Acid
Fuel spills,Fuel transfer	Cleaning Solutions
Material loading/unloading	Food Waste
Outdoor apron washdown	Recyclables
Outdoor washdown	Trash
Outdoor waste storage	
Ramp/Taxiway scrubbing	
Tank fuel transfer	
Trash collection	

Best Management Practices Applicable to Facility

<u>Activities</u>	<u>BMPs</u>
Non-Storm Water Management	SC01 - 1, 2, 4
Outdoor Equipment Ops Maintenance Areas	SC02A - 1, 2
Aircraft, Ground Vehicle & Equipment Maintenance	SC02B - 1, 4, 5, 6, 8, 11
Aircraft, Ground Vehicle & Equipment Fueling	SC03 - 1, 2, 4, 5, 6, 7
Aircraft, Ground Vehicle & Equipment Cleaning	SC04 - 1, 2, 3, 4, 5, 6
Outdoor Loading/Unloading of Materials	SC06 - 1, 2, 3, 6, 7
Outdoor Material Storage	SC07 - 1, 2, 3, 7, 12, 13
Waste Handling & Disposal	SC08 - 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 13
Building & Ground Maintenance	SC09 - 4, 7
Employee Training	SC10 - 1, 2, 3, 4
Outdoor Wash down/Sweeping	SC12 - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12
Housekeeping	SC18 - 1, 2, 3, 4, 5, 6, 7, 8, 9
Safer/Alternative Products	SC19 - 1, 2
Spill Prevention, Control & Clean Up	SR01 - 1, 2, 3, 4, 5, 6, 7, 9, 10

* Appendix B provides descriptions for each BMP category.



LEGEND

 SDIA Boundary  Operating Area(s)



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SAN DIEGO INTERNATIONAL AIRPORT

**FlagShip
Operating Areas**

FIGURE

E-15

Frontier Airlines

SIC Codes	4512, 4522	Contact Information	
Primary Activity	Passenger Carrier	Emad Mina	Manager - Station
Drainage Areas	8	P (909) 642-3573	
Nearest MS4 Inlet	200 - 1000 ft.	Emad.Mina@wfs.aero	
Address	3665 North Harbor Dr. #223 San Diego, CA 92101	Marty Heetderks P (619) 512-7302 marty.heetderks@wfs.aero	Supervisor

Facility Description and Activities

1. Flightline does maintenance on Frontier's GSE and aircraft.
2. No cargo operations are performed in San Diego.
3. Flightline conducts as needed minor aircraft maintenance while parked on ramp.
4. One hazardous materials locker is located outside of the bag room.
5. GSE equipment is a combination of gas, diesel, and propane. Menzies fuels gas and diesel GSE. Amerigas provides the propane.
6. Frontier has no electric vehicles.
7. Drip pans are used on an as-needed basis.
8. Sweeping is done every time before a flight comes in, every time a flight goes out, and on an as-needed basis.
9. The Airport Authority performs all ramp painting.
10. All oils and fluids used for maintenance are stored at Flightline Mechanics in the cargo shop area.
11. WFS is a vendor for Frontier for above and below wing services in SAN. Half of the ground equipment is owned by WFS and half is owned by Frontier.
12. Frontier operates out of Gate 18.
13. Frontier uses alternative products where possible: Simple Green products, and products identified as biodegradable.
14. Flagship removes trash and food waste.
15. SAS replaced Prime Flight as their wheelchair service provide. SAS was recently acquired by G2.

Significant Materials/Activities Potentially Exposed to Storm Water

Potential Pollutant Sources

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

Potential Pollutants

Anti Freeze
 Battery Acid
 Cleaning Solutions
 Degreasers (Citrus based)
 Fuel
 Fuel (Diesel)
 Fuel (Gas)
 Fuel (Jet)
 Hydraulic Fluids
 Lavatory Chemicals
 Lavatory Wastes
 Lubricants
 Oil & Grease
 Paints
 Recyclables
 Trash

Best Management Practices Applicable to Facility

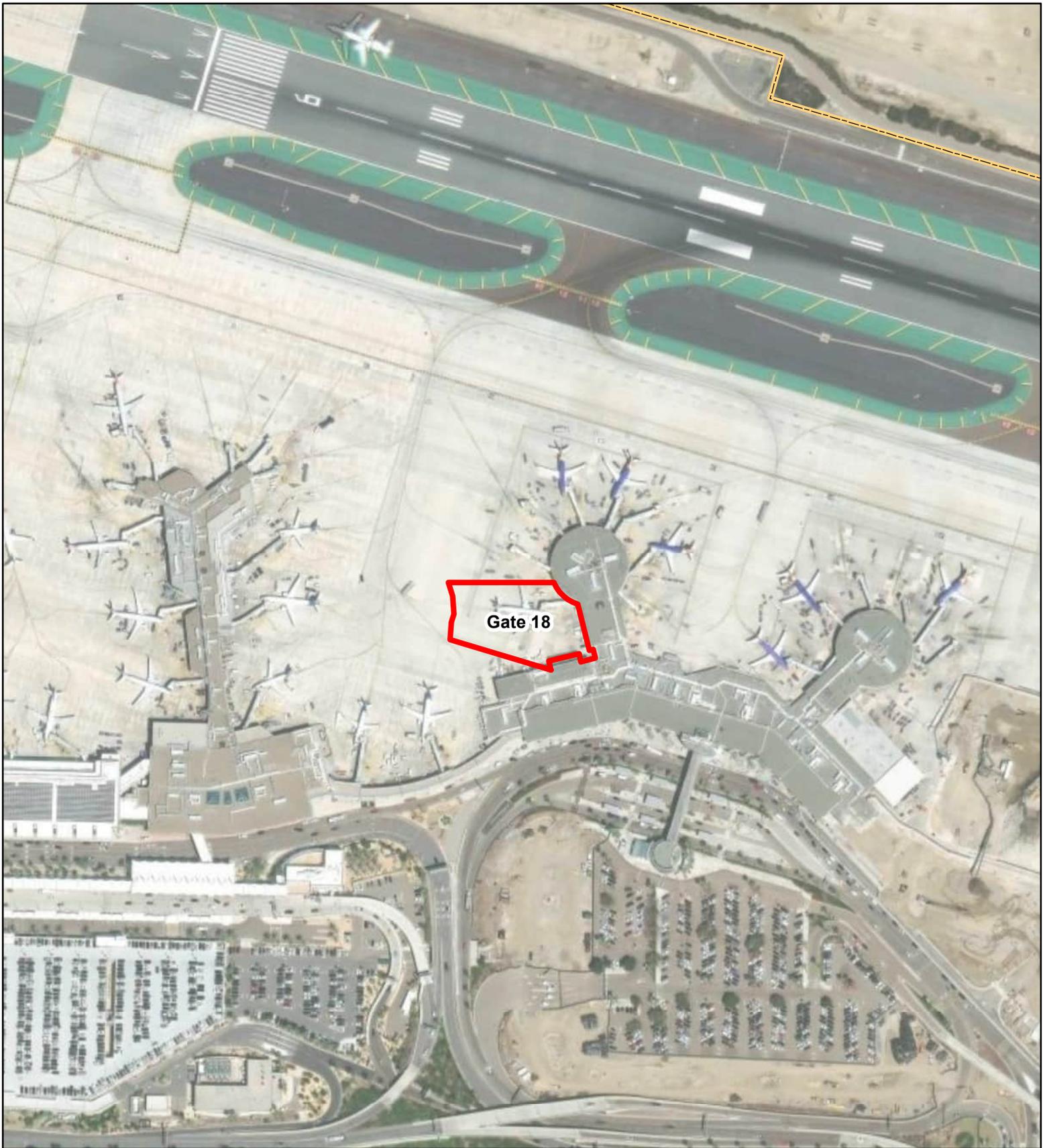
Activities

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

BMPs

SC01 - 1, 2, 4, 7
SC02A - 1, 2
SC02B - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
SC03 - 1, 2, 4, 5, 6, 8
SC06 - 1, 2, 3, 4, 6, 7
SC07 - 1, 2, 3, 7, 11, 12, 13
SC08 - 1, 2, 3, 4, 5, 8, 9, 10, 11, 12
SC10 - 1, 2, 3, 4
SC11 - 3, 4, 5, 6, 7, 8, 9, 10, 11
SC12 - 12
SC14 - 1, 2
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.



Gate 18

LEGEND

 SDIA Boundary  Operating Area(s)



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SAN DIEGO INTERNATIONAL AIRPORT

**Frontier
Operating Areas**

FIGURE

E-16

Hawaiian Airlines

SIC Codes 4512, 4522

Primary Activity Passenger Carrier

Drainage Areas 15

Nearest MS4 Inlet 200 - 1000 ft.

Address 3835 North Harbor Dr. Ste 127
San Diego, CA 92101

Contact Information

Ken Sturgill Safety and Training Regional Manager

C (775) 771-0699

ksturgill@atsstl.com

Lila Da Luz Manager

P (619) 278-0975 C (760) 580-0553

lila.daluz@hawaiianair.com

Facility Description and Activities

1. Airport Terminal Service (ATS) is a service provider who owns all ground support equipment, loads and unloads cargo, and performs lavatory services.
2. ATS mobile performs maintenance on vehicles and equipment and GAT handles cargo. Hawaiian has one mechanic as well as one Delta mechanic who assists with maintenance activities when Hawaiian's mechanic is away.
3. Menzies fuels aircraft and vehicles.
4. Aircraft are washed offsite in Honolulu. Pristine Fleet may provide aircraft exterior cleaning if necessary in San Diego.
5. No outdoor material or waste storage areas.
6. Two flights per day.
7. Siemens performs baggage belt maintenance and gate services.
8. Hawaiian operates out of Gates 51 where they RON, Gate 48 is an alternate gate.
9. Gate Gourmet is tenant's catering vendor.
10. GAT handles cargo for tenant.

Significant Materials/Activities Potentially Exposed to Storm Water

Potential Pollutant Sources

Aircraft sanitary services
Cargo handling
Equipment storage
Fluid leaks
Fuel spills, Fuel transfer
Material loading/unloading
Outdoor waste storage
Tank fuel transfer
Trash collection

Potential Pollutants

Acetone
Adhesives
Anti Freeze
Battery Acid
Brake Fluid
Cleaning Solutions
Coolant
Deicing/Anti-Icing Fluids
Fire Fighting Foam
Food Waste
Fuel
Fuel (Gas)
Fuel (Jet)
Hydraulic Fluids
Lavatory Chemicals
Lavatory Truck Wash Water
Lavatory Wastes
Lubricants
Metals
Oil & Grease
Paints

Purple K
Rust Preventer
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
Aircraft, Ground Vehicle & Equipment Fueling
Aircraft, Ground Vehicle & Equipment Cleaning
Outdoor Loading/Unloading of Materials
Outdoor Material Storage
Waste Handling & Disposal
Employee Training
Lavatory Service Operation
Outdoor Wash down/Sweeping
Housekeeping
Safer/Alternative Products
Spill Prevention, Control & Clean Up

BMPs

SC01 - 1, 2, 4, 7
SC02A - 1, 2
SC02B - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
SC03 - 1, 2, 4, 5, 6, 8
SC04 - 1, 2, 3, 5
SC06 - 1, 2, 3, 4, 6, 7
SC07 - 1, 2, 3, 7, 12
SC08 - 1, 2, 3, 4, 5, 8, 9, 10, 11, 12, 14
SC10 - 1, 2, 3, 4
SC11 - 3, 4, 5, 6, 7, 8, 9, 10, 11
SC12 - 2, 12
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

 SDIA Boundary  Operating Area(s)



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SAN DIEGO INTERNATIONAL AIRPORT

**Hawaiian
Operating Areas**

FIGURE

E-17

High Flying Foods

SIC Codes 5812
Primary Activity Food & Beverage
Drainage Areas 8
Nearest MS4 Inlet 200 - 1000 ft.
Address 3225 North Harbor Dr.
San Diego, CA 92101

Contact Information
Kimberly Hazard Director of Operations
P (858) 531-0312
khazard@highflyingfoods.com

Steven McGlynn Assistant Manager
P (858) 205-4004
smcglynn@highflyingfoods.com

Facility Description and Activities

1. Participates in the Airports compost program.
2. Grease is picked up twice per week (Tuesday and Saturday) by Bradford.
3. Does not operate any equipment.
4. Bradford delivers products to T1 indoor storage area at Gate 7, and T2 (between Gate 45 and Gate 46) indoor storage unit.
5. Flagship picks up trash, recycling, and compost directly from the store.
6. All employees went through the airport compost training and managers occasionally inspect the compost for contamination.
7. Sweeping done once a day.
8. Bradford pick up pallets daily.

Significant Materials/Activities Potentially Exposed to Storm Water

Potential Pollutant Sources

Material loading/unloading
Outdoor waste storage
Trash collection

Potential Pollutants

Cleaning Solutions
Food Waste
Oil & Grease
Recyclables
Trash

Best Management Practices Applicable to Facility

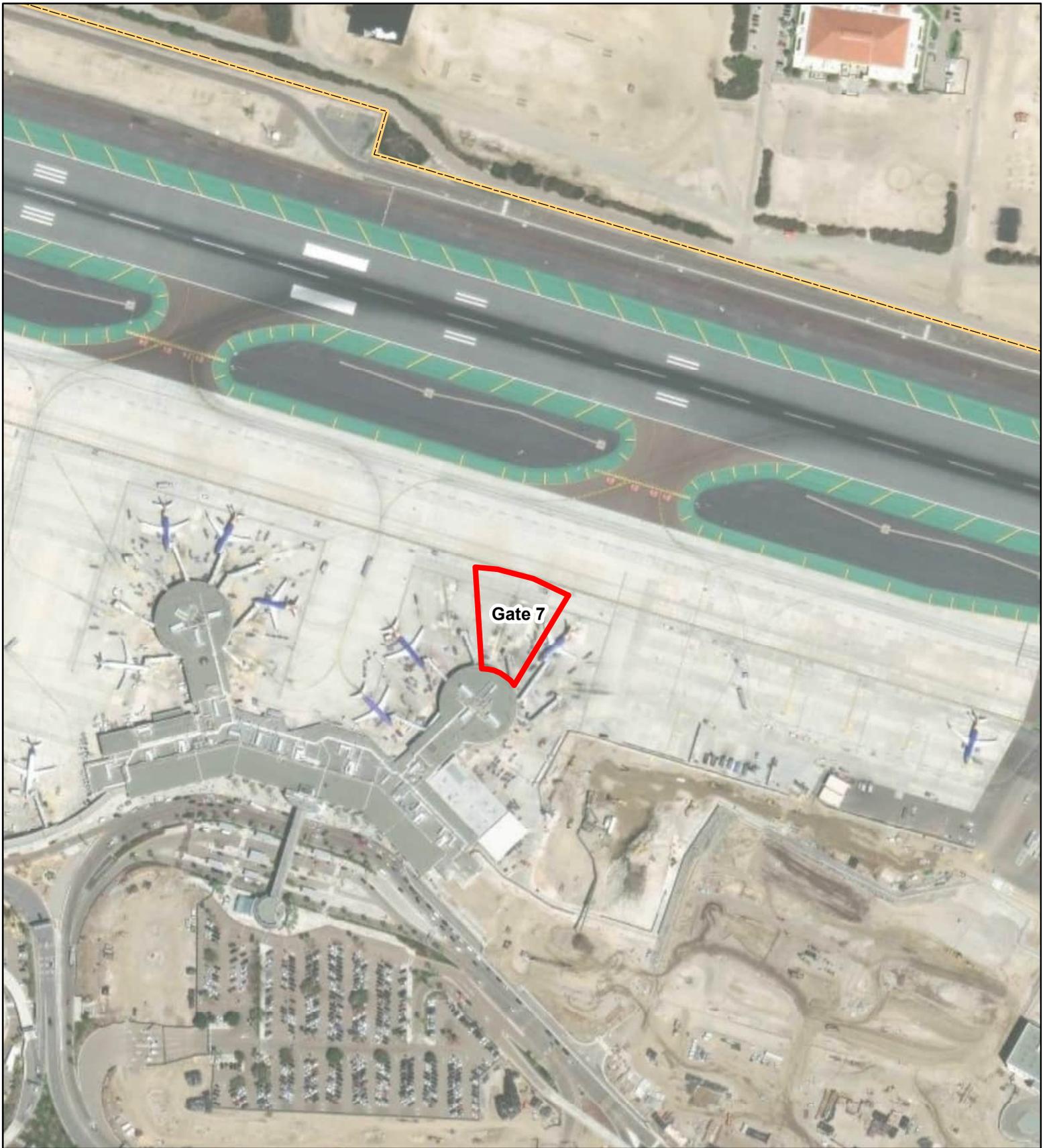
Activities

Non-Storm Water Management
Outdoor Loading/Unloading of Materials
Waste Handling & Disposal
Employee Training
Housekeeping
Safer/Alternative Products
Spill Prevention, Control & Clean Up

BMPs

SC01 - 1, 2, 4
SC06 - 1, 2, 3, 6, 7
SC08 - 1, 2, 3, 4, 5, 6, 8, 9, 10, 11, 12, 14
SC10 - 1, 2, 3, 4
SC18 - 1, 2, 3, 4, 5, 6, 7, 8, 9
SC19 - 1, 2
SR01 - 1, 2, 3, 5, 6, 7, 9, 10

* Appendix B provides descriptions for each BMP category.



LEGEND

 SDIA Boundary  Operating Area(s)



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

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SAN DIEGO INTERNATIONAL AIRPORT

**HFF
Operating Areas**

FIGURE

E-18

HMS Host

SIC Codes 5812

Primary Activity Food & Beverage

Drainage Areas 12, 8

Nearest MS4 Inlet < 200 ft.

Address 3665 North Harbor Dr.
San Diego, CA 92101

Contact Information

Jeffrey Reyes Assistant Manager

P (619) 559-3139 **C** (619) 559-3139

Jeffrey.Reyes@hmshost.com

Adrian Haro Manager - General

P (619) 625-7030

adrian.haro@hmshost.com

Facility Description and Activities

***HMS Host operational area has reduced since the T2W has become active. 3 other Concession vendors operate at SAN.

1. All grease traps, common areas and hood cleaning is performed by SDCRAA.
2. Bradford is in charge of removing Waste Vegetable Oil (WVO) from deep fryers three times a week, during non operational hours.
3. Flagship removes trash and food waste. Food waste is collected in a small green container. HMS Host was the first concession to be part of the City of SD composting food waste program.
4. Loading areas are at Gates 25 and 11C. Indoor storage areas are located near Gates 48, 35, 25, and 11.
5. Ameil Porta is the Terminal Operations Manager who is the point of contact for maintenance. (aporta@san.org). Dominique Sheck is the point of contact regarding any concession questions.
6. ACT (part of the Authority) conducts vent cleaning in the stores.

Significant Materials/Activities Potentially Exposed to Storm Water

Potential Pollutant Sources

- Cargo handling
- Equipment storage
- Fluid leaks
- Material loading/unloading
- Outdoor waste storage
- Tank fuel transfer
- Trash collection

Potential Pollutants

Best Management Practices Applicable to Facility

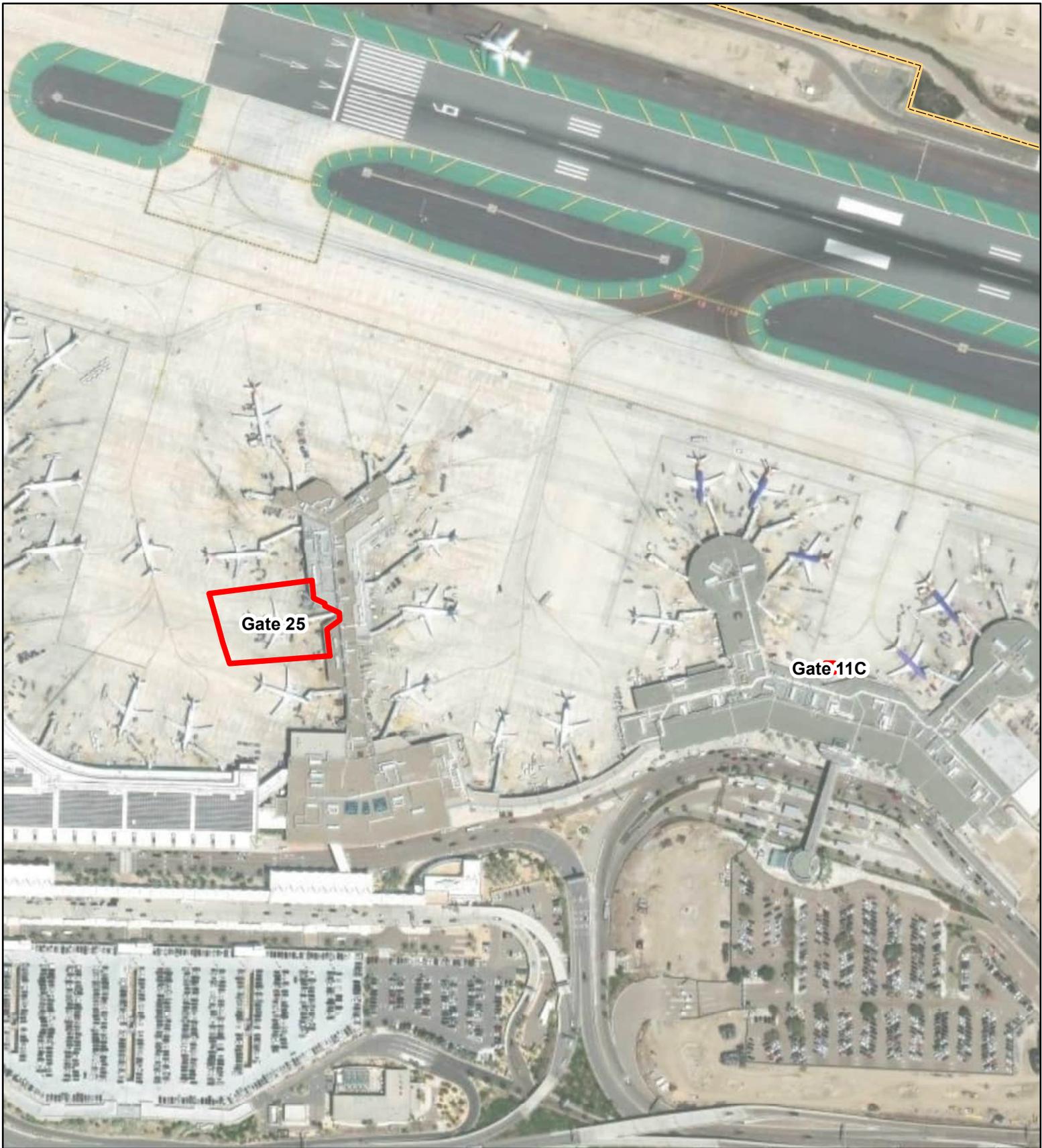
Activities

- Non-Storm Water Management
- Aircraft, Ground Vehicle & Equipment Maintenance
- Outdoor Loading/Unloading of Materials
- Outdoor Material Storage
- Waste Handling & Disposal
- Employee Training
- Housekeeping
- Safer/Alternative Products
- Spill Prevention, Control & Clean Up

BMPs

- SC01 - 1, 2, 4
- SC02B - 1, 2, 4, 5, 6, 9, 10, 11
- SC06 - 1, 2, 3, 4, 6, 7
- SC07 - 7, 12
- SC08 - 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 14
- SC10 - 1, 2, 3, 4
- 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.



Gate 25

Gate 11C

LEGEND

 SDIA Boundary  Operating Area(s)



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SAN DIEGO INTERNATIONAL AIRPORT

**HMS Host
Operating Areas**

FIGURE

E-19

Japan Airlines

SIC Codes	4512	Contact Information	
Primary Activity	Passenger Carrier	Ken Sturgill	Safety and Training Regional Manager
Drainage Areas	15		C (775) 771-0699
Nearest MS4 Inlet	< 200 ft.	ksturgill@atsstl.com	
Address	3707 North Harbor Dr. #123 San Diego, CA 92101	Shiro Kamio P 619-686-8566 kamio.pw8w@jal.com	Manager - Station

Facility Description and Activities

1. 1 flight per day out of Gate 48. Mon, Tues, Wed, Sun. JAL shares gate 50 with Air Canada and West Jet.
2. There is a JAL maintenance office under terminal gate 48.
3. ATS handles below wing operations (trash, lav), cleaning inside the plane, passenger services and ticket counters, and ATS mobile conducts maintenance on GSE.
4. CAS handles maintenance on the JAL plane.
5. All maintenance related fluids and supplies are stored at the CAS shop areas.
6. Fueling is performed by Menzies.
7. Gate gourmet is used for international trash.
8. G2 is used for security.
9. Cargo is handled by Mats Express offside and ATS at the plane. Cargo items are occasionally perishable so there is some dry ice.
10. Siemens conducts baggage belt maintenance and gate services.
11. FOD walks are done by ATS before flights arrive.
12. No aircraft washing or deicing is done at SAN.
13. Training: employees receive annual training on safety & security, haz material handling, dangerous goods, and spill response.
14. JAL does not use potable water on aircrafts.
15. ATS is a subtenant and performs services below the wing for JAL.

Significant Materials/Activities Potentially Exposed to Storm Water

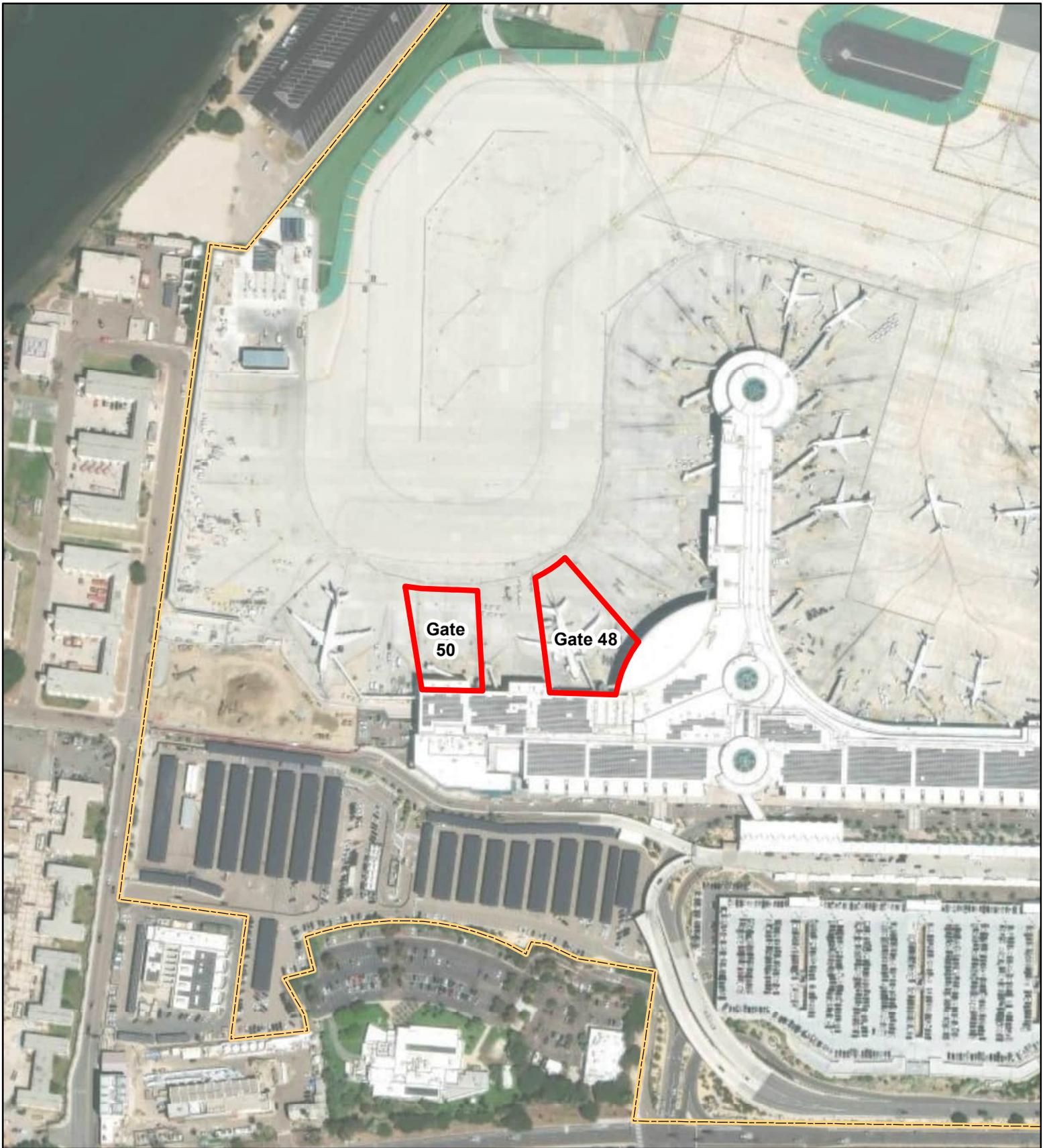
<u>Potential Pollutant Sources</u>	<u>Potential Pollutants</u>
Aircraft sanitary services	
Cargo handling	
Equipment storage	
Fluid leaks	
Fuel spills, Fuel transfer	
Material loading/unloading	
Outdoor waste storage	
Tank fuel transfer	
Trash collection	

Best Management Practices Applicable to Facility

<u>Activities</u>	<u>BMPs</u>
Non-Storm Water Management	SC01 - 1, 2, 4, 7
Outdoor Equipment Ops Maintenance Areas	SC02A - 1, 2
Aircraft, Ground Vehicle & Equipment Maintenance	SC02B - 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

Electric Vehicle Maintenance	SC02C - 1, 2, 3, 4, 5, 6, 8, 9
Aircraft, Ground Vehicle & Equipment Fueling	SC03 - 1, 2, 4, 5, 6, 8
Aircraft, Ground Vehicle & Equipment Cleaning	SC04 - 1, 2, 3, 5
Outdoor Loading/Unloading of Materials	SC06 - 1, 2, 3, 4, 6, 7
Outdoor Material Storage	SC07 - 1, 2, 3, 7, 12
Waste Handling & Disposal	SC08 - 1, 2, 3, 4, 5, 8, 9, 10, 11, 12
Employee Training	SC10 - 1, 2, 3, 4
Lavatory Service Operation	SC11 - 3, 4, 5, 6, 7, 8, 9, 10, 11
Outdoor Wash down/Sweeping	SC12 - 2, 12
Housekeeping	SC18 - 1, 2, 3, 4, 5, 6, 7, 8, 9
Safer/Alternative Products	SC19 - 1, 2
Spill Prevention, Control & Clean Up	SR01 - 1, 2, 3, 4, 5, 6, 7, 8, 9

* Appendix B provides descriptions for each BMP category.



LEGEND

 SDIA Boundary  Operating Area(s)



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SAN DIEGO INTERNATIONAL AIRPORT

**JAL
Operating Areas**

FIGURE

E-20

JetBlue Airways

SIC Codes	4512, 4522	Contact Information	
Primary Activity	Passenger Carrier	Ryan Ferguson	Manager - Station
Drainage Areas	12	P (619) 725-0807	C (619) 602-2954
Nearest MS4 Inlet	200 - 1000 ft.	ryan.ferguson@jetblue.com	
Address	3835 North Harbor Dr. #108 San Diego, CA 92101	Abdel Najar	Manager - General
		P (571) 404-9237	
		Abdel.najar@wearegat.net	

Facility Description and Activities

1. GAT is a subtenant that provides ground handling services. They manage lavatory operations and trash disposal.
2. No cargo operations are performed in San Diego anymore.
3. Menzies is contracted for ground vehicle and equipment maintenance.
4. A small amount of significant materials are stored in a flammable material storage room located under Gate 36 T2.
5. JetBlue is certified by the City as a small quantity generator.
6. 3E provides JetBlue information on items which may be hazardous to the aircraft/customers, items which may be considered dangerous goods/hazardous materials. They inform JetBlue if it is a go or no go item.
7. A spill kit is located under Gate 33.
8. Menzies performs all fueling activities for JetBlue.
9. Tenant uses the Airports' SWMP and has a Spill Prevention Plan. A computer based storm water module is required every October.
10. JetBlue primarily operated out of Gate 34. Gate 33 is used as back-up.
11. Six flights are scheduled daily between 08:00 AM and 22:00 PM.
12. Tires are stored undercover with tarps over them.
13. GAT owns two stair trucks that run off of diesel, only one is in use.
14. Air Fayre will be JetBlue's new caterer as early as May 2022 (they are currently using LSG Sky Chefs); Air Fayre will have 2 trucks parked on the north ramp and they will shuttle down secured items from LA (Torrance) to SAN.
15. Overnight gate use to start in November 2022.
16. FOD walks are conducted before and after each flight, GAT performed.

Significant Materials/Activities Potentially Exposed to Storm Water

Potential Pollutant Sources

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

Potential Pollutants

Battery Acid
 Cleaning Solutions
 Food Waste
 Fuel
 Fuel (Jet)
 Hydraulic Fluids
 Lavatory Chemical Wastes
 Lavatory Chemicals
 Lavatory Truck Wash Water
 Lavatory Wastes
 Lubricants
 Oil & Grease
 Rubber Particulates

Trash

Best Management Practices Applicable to Facility

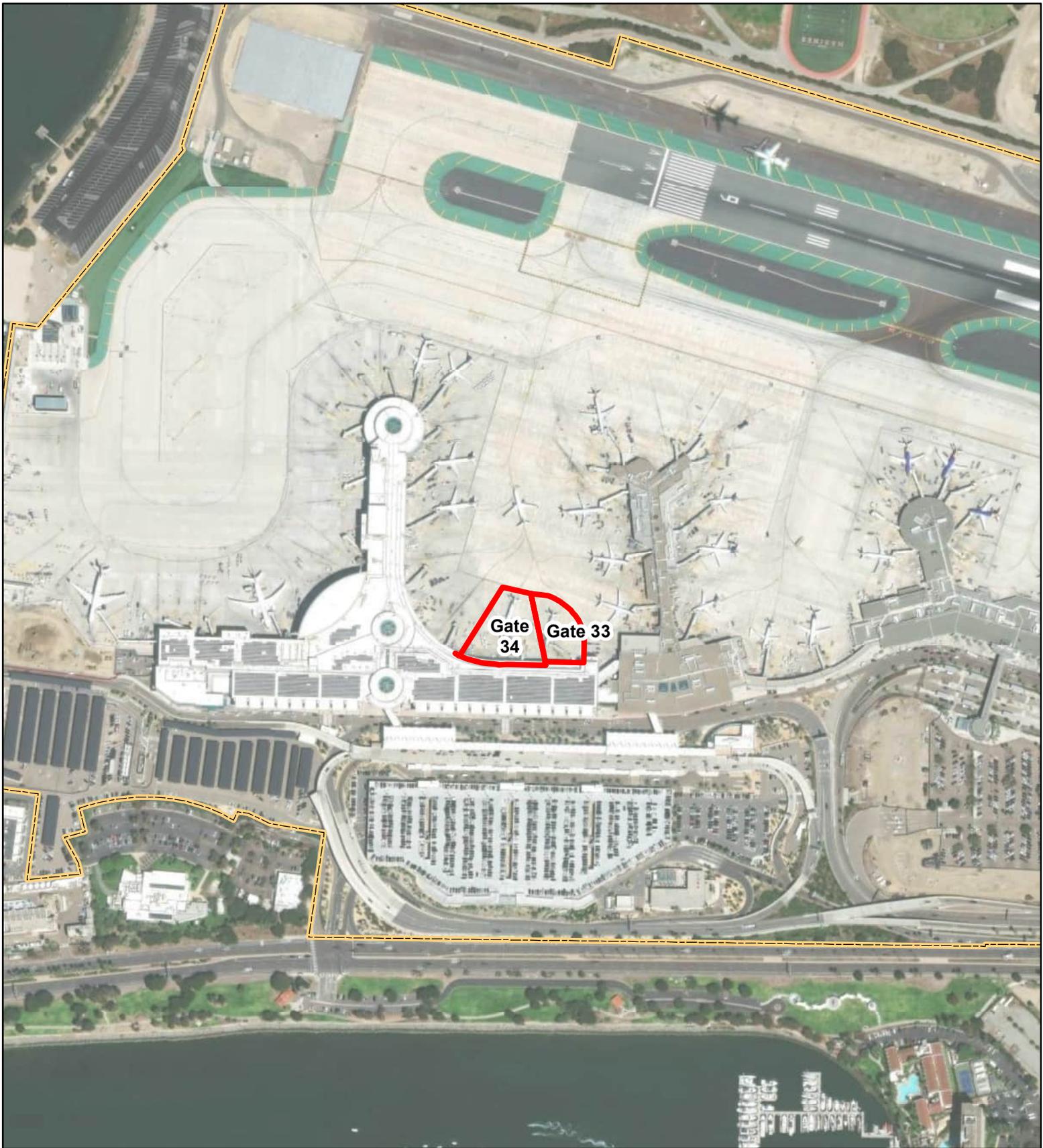
Activities

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 Loading/Unloading of Materials
Outdoor Material Storage
Waste Handling & Disposal
Employee Training
Lavatory Service Operation
Outdoor Wash down/Sweeping
Potable Water System Flushing
Housekeeping
Safer/Alternative Products
Spill Prevention, Control & Clean Up

BMPs

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

 SDIA Boundary  Operating Area(s)



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SAN DIEGO INTERNATIONAL AIRPORT

**JetBlue
Operating Areas**

FIGURE

E-21

Lufthansa

SIC Codes 4512, 4522
Primary Activity Passenger Carrier
Drainage Areas 15
Nearest MS4 Inlet < 200 ft.
Address 2040 Harbor Island Dr
 San Diego, CA 92101

Contact Information
 David Thomas Group Station Manager
 P (480) 241-2813
 David.Thomas@dlh.de

Facility Description and Activities

1. Lufthansa has 1 employee.
2. Aircraft maintenance is performed by Nevada Air Services.
3. Fueling is conducted by Menzies.
4. Operates out of Gates 48 & 51 with 5 flights a week between the gates.
5. Hallmark is contracted for passenger services.
6. LSG SkyChefs is contracted for catering and disposal of aircraft trash.
7. G2 is used for wheelchair assistance and aircraft security.
8. Dnata conducts all ground handling services and performs ramp sweeping. Lufthansa has no GSE.
9. FOD walks are conducted before and after every flight by Dnata and Lufthansa crew.
10. WFS handles international cargo. Lufthansa inspects cargo operations twice a year.
11. Flagship conducts trash pickup service for tenant.

Significant Materials/Activities Potentially Exposed to Storm Water

<u>Potential Pollutant Sources</u>	<u>Potential Pollutants</u>
Aircraft sanitary services	Anti Freeze
Cargo handling	Battery Acid
Fluid leaks	Food Waste
Fuel spills,Fuel transfer	Fuel
Material loading/unloading	Fuel (Gas)
Outdoor waste storage	Fuel (Jet)
Trash collection	Hydraulic Fluids
	Lavatory Truck Wash Water
	Lavatory Wastes
	Lubricants
	Metals
	Oil & Grease
	Sediment
	Solvents
	Trash

Best Management Practices Applicable to Facility

<u>Activities</u>	<u>BMPs</u>
Non-Storm Water Management	SC01 - 1, 2, 4, 7
Outdoor Equipment Ops Maintenance Areas	SC02A - 1, 2
Aircraft, Ground Vehicle & Equipment Maintenance	SC02B - 1, 2, 3, 4, 5, 6, 7, 8, 9, 11
Aircraft, Ground Vehicle & Equipment Fueling	SC03 - 1, 2, 4, 5, 6, 8
Outdoor Loading/Unloading of Materials	SC06 - 1, 2, 3, 4, 6, 7
Waste Handling & Disposal	SC08 - 1, 2, 3, 4, 5, 8, 9, 10, 11, 12, 14

Employee Training	SC10 - 1, 2, 3, 4
Lavatory Service Operation	SC11 - 3, 4, 5, 6, 7, 8, 9, 10, 11
Outdoor Wash down/Sweeping	SC12 - 2, 3, 5, 12
Housekeeping	SC18 - 1, 2, 3, 4, 5, 6, 7, 8, 9
Spill Prevention, Control & Clean Up	SR01 - 1, 2, 3, 4, 5, 6, 7, 8, 9

* Appendix B provides descriptions for each BMP category.



LEGEND

 SDIA Boundary  Operating Area(s)



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

PROJECT NO.:
5025-22-2002
DATE: FEBRUARY 2023
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SAN DIEGO INTERNATIONAL AIRPORT

**Lufthansa
Operating Areas**

FIGURE

E-22

Menzies Aviation

SIC Codes 4581

Primary Activity Fueling Services

Drainage Areas 06, 07, 08, 12, 15

Nearest MS4 Inlet < 200 ft.

Address 2235 W Washington St
San Diego, CA 92101

Contact Information

Barry Lopez Manager - General

P 6193296110 C 6192506916

barry.lopez@menziesaviation.com

Jaime Machorro Manager - Maintenance

P 6193296112 C 6196662253

jaime.machorro@menziesaviation.com

Facility Description and Activities

1. Menzies main office and shop is located at the Airport Fueling Operations (AFO) Building, just northwest of the ATC.
2. Vehicle maintenance is conducted inside the AFO maintenance shop. Tenant has implemented a Vehicle Discrepancy Report (VDR) to identify leaking trucks and to minimize the amount of vehicles may be leaking during fueling.
3. Waste accumulation areas are located inside the AFO maintenance shop.
4. Outdoor material storage container/shed contains drums of used absorbent and fuel filters. HTS is the vendor that removes the 55 gallon drums that store the "oily sludge" in the shed.
5. Menzies operates 18 refueling Jet A trucks, and the capacity of the tanks range from 5,000 to 10,000 gallons. Three other vehicles include split diesel/gasoline tankers.
6. Refueling trucks fueled at the Menzies west refueler.
7. Eyewash station located outside of AFO.
8. Vehicles are washed weekly at the Authority wash rack now that the former Menzies wash rack has been removed due to Terminal 1 construction.
9. Asbury Environmental picks up oil and coolant waste. HTS (Hazardous Transporta on Services) picks up all other waste.
10. Initial and annual refresher training for employees. Airlines provide their training so Menzies personnel follow fueling procedures and safety protocols.
11. Sweeping is performed Wednesday afternoon.
12. Tenant has a Storm Water Pollution Prevention Plan, and a Spill Prevention, Control, and Countermeasure Plan.
13. Tenant uses the emergency response company Ocean Blue.
14. Cintas is the vendor that removes the used oil rags from the Menzies maintenance shop.
15. San Diego Mobile Welding is called for heavy maintenance.
16. Menzies' parks their vehicles on the concrete pad. Each pad has an inlet with a REM Filter. Just downstream is a HFF Oil Stop Valve that filters hydrocarbons from runoff but automatically shuts off in the event of a major hydrocarbon spill.
17. All trucks are equipped with a 5 gallon spill kit. There is 1 spill cart located at the west refueler.

Significant Materials/Activities Potentially Exposed to Storm Water

Potential Pollutant Sources

- Building & Ground maintenance
- Cargo handling
- Equipment storage
- Fluid leaks
- Fuel spills,Fuel transfer
- Fuel storage
- Material loading/unloading
- Outdoor waste storage
- Tank fuel transfer
- Trash collection

Potential Pollutants

- Adhesives
- Anti Freeze
- Battery Acid
- Brake Fluid
- Cleaning Solutions
- Coolant
- Degreasers (Citrus based)
- Fuel
- Fuel (Gas)
- Fuel (Jet)

Vehicle parking

Fuel (Sump)

Hydraulic Fluids

Lubricants

Metals

Oil & Grease

Paints

Transmission Fluid

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 Loading/Unloading of Materials

Outdoor Material Storage

Waste Handling & Disposal

Building & Ground Maintenance

Employee Training

Outdoor Wash down/Sweeping

Parking Lots

Housekeeping

Safer/Alternative Products

Spill Prevention, Control & Clean Up

Structural Treatment Control BMPs

* Appendix B provides descriptions for each BMP category.

BMPs

SC01 - 1, 2, 4

SC02A - 1, 2

SC02B - 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13

SC03 - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11

SC04 - 1, 2, 3, 4, 5, 6, 7, 8

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

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

SC08 - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14

SC09 - 1, 8, 9

SC10 - 1, 2, 3, 4

SC12 - 2, 8, 12

SC16 - 1, 2, 4, 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, 10

TC01 - 1, 2, 3, 4



LEGEND

 SDIA Boundary  Operating Area(s)



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

PROJECT NO.:
5025-22-2002
DATE: FEBRUARY 2023
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SAN DIEGO INTERNATIONAL AIRPORT

**Menzies
Operating Areas**

FIGURE

E-23

Menzies Fuel Farm

SIC Codes 5171

Primary Activity Fuel Storage

Drainage Areas 6, 07

Nearest MS4 Inlet < 200 ft.

Address 3698 Pacific Hwy. #C
San Diego, CA 92101

Contact Information

Charlie Long General Manager

P 6195747808 C 6198923606

Charlie.long@menziesaviation.com

Terry Munson Ops Lead

P 6198923611 C 6199215694

terry.munson@menziesaviation.com

Facility Description and Activities

1. Menzies Fuel Farm main office is located in the North Ramp Area next to the ARFF station. A second "remote" fueling facility is located along the west ramp adjacent to the turf. An above ground OWS was installed at the remote fueling station and is functioning properly.
2. The Fuel Storage Facility has the following: - Three dual-position jet fuel unloading islands with spill containment. These pumps are used only as offload only. - Two 1,000,000-gallon jet fuel ASTs within secondary containment. - Three 1,146,000-gallon jet fuel ASTs within secondary containment. - One 15,000-gallon diesel underground storage tank (UST). - One 15,000-gallon auto gas UST. - One 2,000-gallon aviation low lead gas storage. - A diesel/auto gas loading/unloading island with spill containment. - One 3,000-gallon waste fuel UST. - An equipment pad with spill containment. - A foam equipment building with a 1,500-gallon 3% aqueous foam concentrate AST. - A 12,000-gallon oil/water separator includes an 8,000-gallon holding tank to treat fuel spills.
3. The West Refueler Facility, operated by Menzies Fuel Farm and used by Menzies Aviation and Signature to load fuel trucks, has the following: - Five single-position refueler loading islands with spill containment. - One 12,000-gallon aboveground oil water separator. - One 3,000-gallon underground reclaimed fuel tank. - An underground pipeline conveying fuel from the Fuel Storage Facility.
4. A trailer unit or mini vac-truck of 250-gallon capacity is available to clean up spills, the unit is located directly outside the Menzies Fuel Farm Main Office.
5. NRC is the designated Oil Spill Response Organization (OSRO) to provide cleanup services in case of a spill.
6. Menzies Aviation trucks take Jet-A fuel at the West Refueler Facility and then take fuel to the gates. Jet fuel comes from 10th Avenue by an underground pipeline to three 1,000,000-gallon and three 1,146,000-gallon ASTs at the Fuel Storage Facility. An annual survey is performed on leak detection systems. Fuel is provided by Menzies Fuel Farm.
7. The only equipment maintenance performed is on the nozzle valves at the loading islands and the valves on pumps. Pipes at loading/unloading islands are painted.
8. At the Fuel Storage Facility, pig mats are placed over the storm drains that are not linked to the OWS, this is done only when there is a spill. As of September 2019, five new covers (pig mats) replaced the old unused weather worn covers stored on the wall perimeter walls.
9. The emergency eye wash station is tested monthly and water is allowed to evaporate and does not reach the storm drain. A bermed area is created in the parking lot and all discharge goes into the drains connected to the OWS. IPS performs this task.
10. The only outdoor area that is cleaned is the concrete pad at the loading islands in the West Refueler Facility. The area is steam cleaned, and the discharge enters the 12,000-gallon aboveground oil water separator. NRC collects and disposes of wastewater and picks up wastes.
11. The Firefighting equipment near the two 1-million gallon and three 1,146,000-gallon tanks are tested annually with water only to make sure adequate water pressure is available. The water is discharged into the storm drains. BMPs have been recommended to prevent discharge carrying any potential pollutants into the storm drain.
12. At the foam house, the test ports inside the house are used to test the water to foam ratio. No foam discharge is created in the process. During all equipment and facility testing, the test area is bermed and all waste water is collected and disposed off site.
13. NRC services the OWS and the 12,000-gallon wastewater UST annually and Amberwick collects all hazardous wastes. Annual wet weather sampling is done at catch basins per the Industrial Stormwater Permit.
14. Tenant has separate Storm Water Pollution Prevention Plan, Spill Prevention, Control, and Countermeasure Plan, and Facility Response Plan but is covered under the Authority's coverage for the IGP.
15. Quarterly scrubbing is scheduled to remove oil & grease stains within lanes at the West Refueling station.

16. Other providers include Integrated Corrosion Engineering and Western Pump. Cal-Detection performs trace test to determine if there is leak in the fuel pipes and cathodic protection for corrosion control. Western Pump performs maintains underground alarms for DUSTO (Designated Underground Storage Tank Operator).

17. New lightning protection onsite to dissipate electricity from lightning.

18. Jurisdiction of the West Ramp Facility had not been turned over from SDCRAA to Menzies at time of audit so all corrective actions in area will be assigned to SDCRAA until further notice.

Significant Materials/Activities Potentially Exposed to Storm Water

<u>Potential Pollutant Sources</u>	<u>Potential Pollutants</u>
Cargo handling	Adhesives
Drainage system maintenance	Anti Freeze
Equipment storage	Battery Acid
Fire fighting equipment testing	Brake Fluid
Fluid leaks	Cleaning Solutions
Fuel spills,Fuel transfer	Coolant
Fuel storage	Fire Fighting Foam
Material loading/unloading	Food Waste
Outdoor waste storage	Fuel
Pesticide usage	Fuel (Diesel)
Tank fuel transfer	Fuel (Gas)
Trash collection	Fuel (Jet)
Vehicle parking	Fuel (Sump)
Water/Fuel mixture within berm	Hydraulic Fluids
	Lubricants
	Metals
	Oil & Grease
	Purple K
	Recyclables
	Rubber Particulates
	Sediment
	Trash

Best Management Practices Applicable to Facility

<u>Activities</u>	<u>BMPs</u>
Non-Storm Water Management	SC01 - 1, 2, 3, 4, 7
Outdoor Equipment Ops Maintenance Areas	SC02A - 1, 2
Aircraft, Ground Vehicle & Equipment Maintenance	SC02B - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
Aircraft, Ground Vehicle & Equipment Fueling	SC03 - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11
Aircraft, Ground Vehicle & Equipment Cleaning	SC04 - 1, 2, 3, 5, 6
Outdoor Loading/Unloading of Materials	SC06 - 1, 2, 3, 4, 6, 7
Outdoor Material Storage	SC07 - 1, 2, 3, 6, 7, 8, 9, 10, 11, 12
Waste Handling & Disposal	SC08 - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14
Building & Ground Maintenance	SC09 - 3, 8
Employee Training	SC10 - 1, 2, 3, 4
Outdoor Wash down/Sweeping	SC12 - 2, 3, 5, 10, 11
Fire Fighting Foam Discharge	SC13 - 1, 2, 3, 4, 5
Parking Lots	SC16 - 1, 2, 6, 11, 12
Drainage System Maintenance	SC17 - 1, 2, 3, 4, 5, 6, 7
Housekeeping	SC18 - 1, 2, 3, 4, 5, 6, 7, 8, 9

Safer/Alternative Products

SC19 - 1, 2

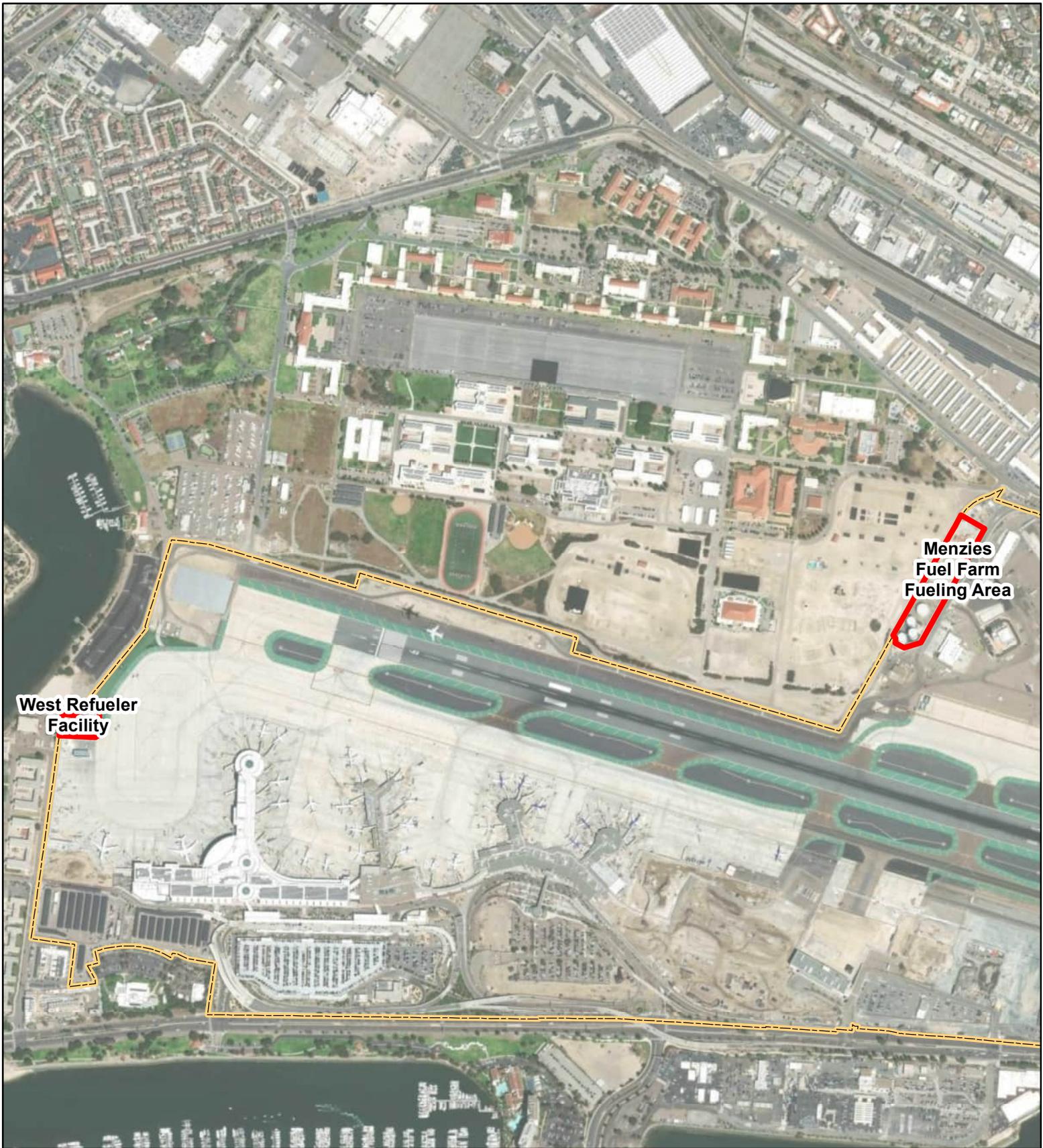
Spill Prevention, Control & Clean Up

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

Structural Treatment Control BMPs

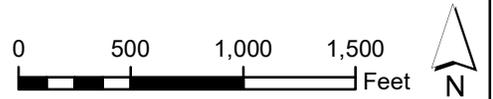
TC01 - 1, 2, 3, 4

* Appendix B provides descriptions for each BMP category.



LEGEND

 SDIA Boundary  Operating Area(s)



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

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5025-22-2002
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SAN DIEGO INTERNATIONAL AIRPORT

**Menzies Fuel Farm
Operating Areas**

FIGURE

E-24

Mission Yogurt

SIC Codes 5812
Primary Activity Food & Beverage
Drainage Areas 8
Nearest MS4 Inlet
Address 3225 North Harbor Dr.
San Diego, CA 92101

Contact Information
Rob Ziemer Manager - General
C (858) 334-8333
rob@missionyogurt.com

Facility Description and Activities

1. Receives all food and product deliveries from Bradford directly to the store.
2. Mission yogurt does not have any outside refrigeration or storage.
3. Flagship picks up compost, waste, and recyclables directly from the store.
4. Mission yogurt does not use any oil and grease in their food operations.
5. Load and unload food products at T2 west and T1. Bradford delivers to level 1 hallway in T2 (pre-security, no airside contact) and to level 1 door at gate 8 (airside).
6. Since 2017, Mission Yogurt has been part of the Green Concessions Program.
7. Sweeping conducted at the end of each day.
8. Bradford picks up pallets at end of each day.
9. No major spills in 9 years.

Significant Materials/Activities Potentially Exposed to Storm Water

Potential Pollutant Sources

Material loading/unloading
Outdoor waste storage
Trash collection

Potential Pollutants

Best Management Practices Applicable to Facility

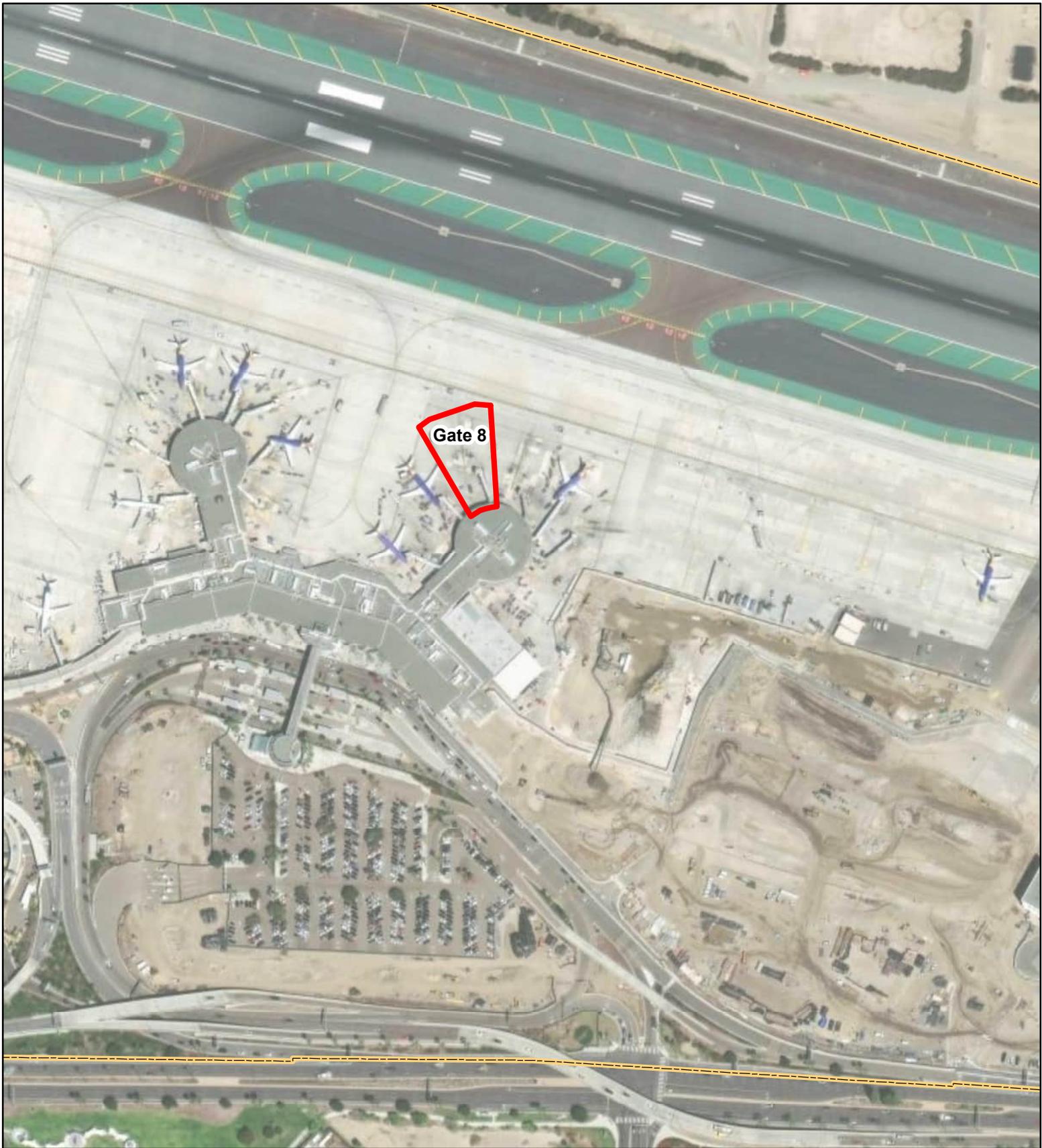
Activities

Non-Storm Water Management
Outdoor Loading/Unloading of Materials
Waste Handling & Disposal
Employee Training
Housekeeping
Safer/Alternative Products
Spill Prevention, Control & Clean Up

BMPs

SC01 - 1, 2, 4
SC06 - 1, 2, 6, 7
SC08 - 1, 2, 3, 4, 5, 9, 10, 11, 12, 14
SC10 - 1, 2, 3, 4
SC18 - 1, 2, 3, 4, 5
SC19 - 1, 2
SR01 - 1, 2, 3, 5, 6, 7, 8, 9

* Appendix B provides descriptions for each BMP category.



LEGEND

 SDIA Boundary  Operating Area(s)



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

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SAN DIEGO INTERNATIONAL AIRPORT

**Mission Yogurt
Operating Areas**

FIGURE

E-25

Port of San Diego

SIC Codes 7521
Primary Activity Parking Lot Management
Drainage Areas N/A
Nearest MS4 Inlet < 200 ft.
Address 3165 Pacific Hwy
San Diego, CA 92101

Contact Information
Daniel Toscano Not Available
dtoscano@portofsandiego.org

Julio Bello Supervisor - Maintenance
P (619) 400-4732 C (619) 405-6652
jbello@portofsandiego.org

Facility Description and Activities

Created: 2/7/2022 10:55:01 AM

1. The Port of San Diego has an employee parking lot within SDIA's boundary. There are no other activities in the area besides employee parking.

Significant Materials/Activities Potentially Exposed to Storm Water

Potential Pollutant Sources

Building & Ground maintenance
Drainage system maintenance
Outdoor waste storage
Trash collection
Vehicle parking

Potential Pollutants

Fuel
Metals
Oil & Grease
Rubber Particulates
Sediment
Trash

Best Management Practices Applicable to Facility

Activities

Non-Storm Water Management
Waste Handling & Disposal
Building & Ground Maintenance
Employee Training
Parking Lots
Drainage System Maintenance
Housekeeping
Spill Prevention, Control & Clean Up

BMPs

SC01 - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10
SC08 - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14
SC09 - 1
SC10 - 1, 2, 3, 4
SC16 - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14
SC17 - 1, 2, 3, 4, 5, 6, 7
SC18 - 1, 2, 3, 4, 5, 6, 7, 8, 9
SR01 - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

* Appendix B provides descriptions for each BMP category.



Port of San Diego
Employee Parking

LEGEND

 SDIA Boundary  Operating Area(s)



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

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DATE:	FEBRUARY 2023
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SAN DIEGO INTERNATIONAL AIRPORT

**Port of San Diego
Operating Areas**

FIGURE
E-26

San Diego Airlines Consortium

<p>SIC Codes 9999</p> <p>Primary Activity Facility Maintenance</p> <p>Drainage Areas N/A</p> <p>Nearest MS4 Inlet < 200 ft.</p> <p>Address 3225 North Harbor Dr. San Diego, CA 92101</p>	<p>Contact Information</p> <p>Daniel Barbosa Facilities Manager</p> <p>P (619) 877-1499 C (310) 796-6123</p> <p>d.barbosa@avairprosservices.com</p> <hr/> <p>Georgina Perez-Quintero Duty Manager</p> <p>P (619) 253-1782</p> <p>g.perez-quintero@avairprosservices.com</p>
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Facility Description and Activities

Created: 7/29/2021 4:12:12 PM

1. SANCO is the facility management for the Airline Support Building (cargo facility). They oversee the general building, shared roads on the airside of the facility and the front side including the parking lot and loading docks. SANCO is responsible for overseeing the ASB tenants (Delta, Southwest, American, and United) are implementing BMPs. SANCO also oversees Siemens for bag handling and jet bridges.
2. They have an indoor leased space by Southwest and Delta.
3. Landscaped areas get serviced once a week by Benchmark Landscaping.
4. SANCO has one electric golf cart that is stored on the west side of the ASB. Materials and chemical storage is in locked sheds on the west side of the building.

Significant Materials/Activities Potentially Exposed to Storm Water

Potential Pollutant Sources

- Building & Ground maintenance
- Drainage system maintenance
- Equipment storage
- Fluid leaks
- Herbicide usage
- Material loading/unloading
- Pesticide usage
- Ramp/Taxiway scrubbing
- Tank fuel transfer
- Trash collection
- Vehicle parking

Potential Pollutants

- Cleaning Solutions
- Metals
- Oil & Grease
- Paints
- Sediment
- 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 Cleaning
- Outdoor Loading/Unloading of Materials
- Outdoor Material Storage
- Waste Handling & Disposal
- Building & Ground Maintenance

BMPs

- SC01 - 1, 2, 4, 5, 6, 8, 9, 10
- SC02A - 1, 2
- SC02B - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 13
- SC02C - 1, 2, 3, 4, 5, 6
- SC04 - 1, 2
- SC06 - 1, 2, 3, 6, 7
- SC07 - 1, 2, 3, 7, 12
- SC08 - 1, 2, 8, 9, 10, 12
- SC09 - 1, 2, 3, 5

Employee Training	SC10 - 1, 2, 3, 4
Outdoor Wash down/Sweeping	SC12 - 1, 2, 3, 4, 5, 12
Parking Lots	SC16 - 1, 2, 3, 4, 6, 7, 8, 13, 14
Drainage System Maintenance	SC17 - 1, 2, 5, 7
Housekeeping	SC18 - 1, 2, 3, 4, 5, 6, 7, 8, 9
Safer/Alternative Products	SC19 - 1, 2
Spill Prevention, Control & Clean Up	SR01 - 4, 5, 6, 7, 9
Structural Treatment Control BMPs	TC01 - 1, 2, 3, 4

* Appendix B provides descriptions for each BMP category.



LEGEND

 SDIA Boundary  Operating Area(s)



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5025-22-2002
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SAN DIEGO INTERNATIONAL AIRPORT

**SANCO
Operating Areas**

FIGURE

E-27

San Diego County Regional Airport Authority

SIC Codes	4581	Contact Information	
Primary Activity	Facility Maintenance	Jonathan Mason	Supervisor - Maintenance
Drainage Areas	01, 03, 05, 06, 07, 08, 09, 15	P 6194002760	C 6197878796
Nearest MS4 Inlet	< 200 ft.	jmason@san.org	
Address	3835 North Harbor Dr. San Diego, CA 92101	Vince Montez P (619) 481-0477 vmontez.org	Supervisor - Maintenance

Facility Description and Activities

1. Road sweeping: Cannon Pacific is contracted to sweep the roads into and out of the airport Monday, Wednesday, and Saturday, 1 am - 4 am, using a 600Tymco sweeper. Cannon sweeps all the roads in front of the Terminals including the Commuter Terminal, overpasses leading into and exiting the airport, and from McCain Road to P-18 gate. Cannon Pacific does not sweep Harbor Drive, as it is handled by the City, or any Parking Lots own or leased by the airport, which are handled by the Authorities Ground Transportation Department and contracted through ACE. Sweepings are collected and disposed of at the Sycamore Landfill. Cannon Pacific performs daily pre-trip and post- trip inspections of their equipment. All records of sweeping activities are kept by Cannon Pacific and the Airport Environmental Department. Records are updated monthly through invoices that have all the information on them. ACE is contracted to sweep and maintain all parking areas including the cell phone parking lot.

2. Ramp sweeping: Facilities Maintenance sweeps all areas inside the AOA gates and the perimeter roads. Sweeping is done 3-4 days a week during evening hours. Sweeping alternates weeks between each ramp area - Terminal 1, Terminal 2, Cargo areas, and North Ramp. Within each area, each terminal and taxiway is swept at least once every other month. Some areas are swept twice in a week on request. Two machines operate on Regen-Air technology. Sweeping equipment is inspected monthly by Fleet Maintenance contractor and is fixed as needed. FMD also inspects and sweeps each terminal building, up against the building every other month, as a part of the ramp walk program. The debris/sweepings are vacuumed up into the unit and are disposed of in the lowboy container located on the NE corner of the air traffic control tower. FMD notifies Environmental Affairs when the dumpster needs to be emptied.

3. Ramp scrubbing: Abhe & Svoboda performs ramp scrubbing twice a year using a 3,500 psi industrial pavement wash. The wash water is collected using storage containers and collected by Ocean Blue who filters and reuses the water.

4. Runway rubber removal: Is conducted by Abhe & Svoboda, every 8 weeks due to still reduced operations at the airport, and therefore a reduced need for rubber removal during the COVID-19 pandemic. They are an all in one system which sprays on the rubber removal solution, scrubs the runway, rinses and vacuums up the rubber particles, removal solution and water. The rubber removal solution is a biodegradable chemical (DC101), 55 gallons of the solution is used for every 10,000 square feet of surface. Only the solution needed is brought on site during each rubber removal. The rubber is dumped using the lined rubber removal lowboy by the ATC tower and FedEx operating area. Ocean Blue is responsible for disposal of waste and waste water generated.

5. Oil/water separators: There are 9 oil/water separators at the airport: 1 in Menzies Fuel Farm's main jet fuel tank storage area, 1 in Menzies Fuel Farm's West Refueling Facility, and 4 in Conrac's service yard are tenant maintained. The remaining 3 oil water separators are maintained by the Authority: 2 on the north ramp, and 1 in Terminal Two East. The following oil/water separators have been removed due to construction: (1) on the west ramp north of Terminal 2 West, (1) at the West Refueler Facility, and (1) at the CT terminal. Each installed oil water separator has an alarm system. If the oil reaches a certain level, or oil leaks to the ground, an alarm goes off. Alarms are checked periodically by the tenant and Authority. The treatment control BMPs, including OWSs are inspected on an annual basis and Environmental contracts Ocean Blue to clean the OWSs on an as-needed basis. Maintenance has occurred at two OWS closest to ATC tower and the one closest to the cargo area in 2009/2010; and the OWS near the cargo area was again maintained in December 2016 . The 2017-2018 treatment control BMP inspections were completed in June 2018 and the report was completed thereafter, requiring maintenance of all the OWS. Treatment control BMP inspections are performed annually, most recently in June 2022. The TCBMP inspection and maintenance program was improved in FY 2020 by developing a TCBMP module in the web-based database that actively tracks inspections and maintenance and updates the TCBMP inventory. A module for tracking storm drain inspections and maintenance is planned. Criteria used for cleanout is the amount of sediment at the bottom of the tanks and the amount of oil & grease & floatables at the top of the tank. The criteria are generally based on whether or not the units function properly and would be expected to function properly for an upcoming rainy season given the amount of sediment/oil/floatables/etc. Maintenance indicator lights will also call for maintenance.

6. FMD (contact David Niccum) contracts Liquid Control Solutions to perform maintenance of the 19 grease interceptors, scheduled for every 30 to 90 days (dependent on the size). 3,000- Gallon interceptors at the airport: (Interceptors (1) Terminal 2 between the West and East connector (2) Terminal 1. A 2,000 gallon interceptor installed at the Terminal 2 West under Gate 48. Terminal 1 between gates 1 and 2 has a 320-gallon grease interceptor. The grease receptacles have 3 baffles

in tandem. The wastewater from restaurants enters the receptacles and goes to the first baffle then the second, and then the third. Ten 25 to 50-gallon grease traps on the airside of the Terminals 1 and 2; some below ground and some above ground. There are also two grease traps inside of the building. One is located at the Terminal 2 West Baggage Claim, and the other is in the SSP preparation area. These also have the baffle system. Grease is vacuumed out of the small traps every 4 weeks, the rest between 2 to 3 months, as required by the City of San Diego, and then they are rinsed in a similar procedure to the grease receptacles, but on a smaller scale, using a 400-gallon tank. Beyond the baffle system, the units are linked to the sanitary sewer.

7. Ocean Blue is contracted to clean the storm drains. Types of storm drains include: Drop inlet, Curb inlet, Trench drains, Slit drains, and Separators. Drop inlet, Curb inlet, Trench drains, Slit drains, are cleaned quarterly. Inspections of all storm water conveyance systems occur annually. Separators and underground storm drain pipes leading to city of San Diego drainage systems are cleaned annually. Records are updated after each cleaning event. Records are stored in the Facilities Management and in the Environmental Affairs Department. Contractor vehicles are equipped with large waste water storage capacity and reclamation devices. Wastes from storm drain cleaning are measured for silt, green waste, trash, heavy metals and amount of water consumed to perform the cleaning operation. The contractor is responsible for all waste disposal. The Planning and Environmental Affairs Department has contracted Ocean Blue for maintenance for Authority owned OWS and replacement of filter fabric material at storm drain inlets on an as-needed basis.

8. TCBMPs: The Authority Planning and Environmental Affairs Department performs annual inspections on all TCBMPs: oil/water separators (OWSs), various inlet filters, high-rate media filters (Contech StormFilters®, BioClean and ClearWater Best Management Practice [BMP] Units), grate inlet skimmers, trench drain filters, hydrodynamic separators (HDSs) (Contech Continuous Deflective Separator [CDS]), and modular wetland treatment units. Additionally, there are pervious areas made up of artificial turf, pavers, an infiltration trench, asphalt strips, bioretention areas and bioswales. Inspections were performed in June 2022 and a TCBMP required maintenance report was generated by Environmental Affairs. Maintenance of Authority-owned TCBMPs are performed by FMD and Ocean Blue. Tenant-owned TCBMPs are maintained by the responsible tenant.

9. Fire hydrant flushing: The Airport Authority is responsible for fire hydrant flushing at 14 hydrants on the AOA once a year. Water flushed out of hydrants is captured in water trucks and disposed of off site by the contractor.

10. Fire suppression system testing is done quarterly by A & D Sprinklers Inc. All water flows to the sanitary sewer system, evaporates, or infiltrates. If no dirt area is available, then it is taken to the sewer.

11. Trash/recycling managed by Amiel Porta: Flagship is contracted to collect trash and recyclables. All trash and recyclables are taken to compactors in the Terminal 1 compactor area, under Sunset Cove, and at Gate 25. Flagship also sorts trash and recycling to determine if any bags were dumped in the wrong tipper container. The sorter is responsible for keeping all staged compactor areas clean and free of debris and creating cardboard bails. Signs are posted at the disposal sites in the kitchens and restaurants, on the containers, carts and compactors, and at the central waste and recycling center. Allied Waste services (DBA Republic Services) removes the waste from the airport. All compactors and dumpsters are emptied daily. Additional bins are available for metal, wood, cardboard, and food waste. Flagship cleans the tipper containers and gondolas used to stage and haul trash from the terminals to the compactor area. Tippers containers are cleaned once per week using a hot water pressure washer and gondolas are cleaned everyday once they are emptied at the end of a shift. The tipper compactors are cleaned in the Terminal 1 compactor area. Wash water is diverted to a sanitary sewer system located in Terminal 1 compactor area. The compactors and compactor area are cleaned and pressure washed by Allied Waste quarterly. This water is captured to be disposed in the sanitary sewer drain, within the bermed compactor area. The food waste compactor is cleaned at the facility when serviced. Daily visual audit is performed as part of the driver's duty. They report repairs/exchanges needed in a monthly report and they get submitted to our container department to perform such repairs/replace dumpsters. **All dumpsters are replaced on an as-needed basis.

12. Spill kits: spill response materials (kits contain kitty litter, sandbags, plastic tarps, absorbent sox and pads, shovels, and brooms). They are located in various places on the air field. There are six spill kits. Ocean Blue is responsible for stocking the spill kits when they run low on equipment.

13. Significant materials storage: the machining/welding shop (3270 Admiral Boland Way). Pesticides, diesel, gasoline, and turpentine are stored in flammable materials storage lockers at the new FMD building. Metal parts and other materials are stored in the boneyard and near the runway generator area east of the Commuter Terminal and covered in the shop, not all are covered and on pallets.

14. Vehicle maintenance is conducted by SoCal Truck Services for all Authority Vehicles. SoCal Truck Services maintains runway closure signs, and is contracted to maintain the light towers and generators, and do onsite oil changes. Bay City Electrical maintains generators and changes the oil onsite.

15. Menzies fuels vehicles at five places: Maintenance shop at 3270 Admiral Boland Way and the Commuter Terminal. They also fuel all light towers and generators.

16. FMD maintains the triturator area. A new triturator area was installed next to the waste segregation area in January 2015.

17. Roundup is used for weed control. Aztec Landscaping perform landscaping services. They bring their own pesticides and remove their landscape wastes. Aztec's staging area is on the north side of the airport on Washington Street, across from FedEx. They use Roundup for weed control and perform landscaping services. FMD also used herbicides in-house for weeds but starting April 2018, all herbicide application is performed by Aztec Landscaping.

18. Spill response materials are not in vehicles, there are only spill kits in trailers.

19. Hazardous wastes are stored at the 90 Day Facility. Ocean Blue is contracted to collect hazardous wastes as needed.

20. All chemicals are stored near ATC or at 3270 Admiral Boland Way shop.

21. Stormwater pollution prevention training is performed annually by the Environmental Affairs Department.
22. FMD staff are trained to protect storm drains when performing maintenance and construction activities.
23. Pressure Washing: Flagship performs pressure washing Tuesdays through Saturdays between 11:00 pm and 4:00 am. Locations that receive pressure washing include terminal smoking areas, all baggage claim sidewalks, all curbside walk areas, transportation island sidewalks, and elevated departure roadway sidewalks. Due to the high volume of foot traffic in these areas (approximately 50,000 passengers daily) that leaves spills, stains, cigarette butts/ashes, and debris, it is a health and safety risk not to pressure wash these areas. In 2014, the Airport Authority began recovering condensate – liquid created by condensation – from air conditioning units installed in passenger boarding bridges. The Airport Authority works with Flagship to use AC condensation water for the pressure washing operation. The AC condensation water is collected into 55 gallon drums, and once full the water is picked up by Ocean Blue and is transferred to the Flagship washing stations (3). In 2014, more than 5,225 gallons of AC condensate was recovered and reused for a variety of purposes in airport maintenance, including pressure washing. In 2018, more than 100,000 gallons of condensate were collected from 16 jet bridges a year. The wash stations used by Flagship are equipped with a water recollection and filtration system. They are designed to collect all residual water, filter, recycle and re-use the water throughout the operation of the equipment. An estimated 80–100 gallons of recovered AC condensate water is used per day washing occurs. Once the job is complete, the wash water is vacuumed up, hoses are drained into the sanitary sewage system and equipment is cleaned.
24. Boneyard: Materials were observed with cover or properly stored with the exception of metal bins with large bulky items. FMD has installed a lockable gate to prohibit abandoning items. Rules were determined for owner identification, expected storage time and to meet environmental open air storage compliance. Tenants have been notified that all outdoor materials require proper cover and containment. The yard is also shared with local law enforcement for a small training site. Since August 2018 the boneyard has been temporarily closed off to store EMAS material. Paint tests are conducted next to the Boneyard to test striping procedures and glass bead laydown.
25. Arrive is an alliance of construction firms: Turner/Flatiron joint venture, Gensler manages design and overseeing structural engineers, and Kleinfelder and Latitude 33 providing civil design. Arrive is the company responsible for the design and construction of the Terminal 1 expansion and parking plaza.
26. The engineering and environmental offices are in the PMC lot located at 3032 N Harbor Dr. Employee parking for the PMC lot is in the former Hertz/Avis lot across Liberator Way from the PMC lot.
27. Construction employee parking is at the elbow lot at approximately 851 Harbor Island Dr. The lot is leased from the Port of San Diego. Shuttles transport employees to the construction site.

Significant Materials/Activities Potentially Exposed to Storm Water

<u>Potential Pollutant Sources</u>	<u>Potential Pollutants</u>
Aircraft sanitary services	
Building & Ground maintenance	
Cargo handling	
Drainage system maintenance	
Equipment storage	
Fluid leaks	
Fuel spills, Fuel transfer	
Fuel storage	
Herbicide usage	
Material loading/unloading	
Outdoor waste storage	
Pesticide usage	
Ramp/Taxiway scrubbing	
Runway rubber removal	
Tank fuel transfer	
Trash collection	
Vehicle parking	
Water/Fuel mixture within berm	

Best Management Practices Applicable to Facility

<u>Activities</u>	<u>BMPs</u>
Non-Storm Water Management	SC01 - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Outdoor Equipment Ops Maintenance Areas	SC02A - 1, 2

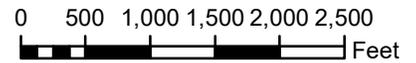
Aircraft, Ground Vehicle & Equipment Maintenance	SC02B - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
Electric Vehicle Maintenance	SC02C - 1, 2, 3, 4, 5, 6, 7, 8, 9
Aircraft, Ground Vehicle & Equipment Fueling	SC03 - 1, 2, 3, 4, 5, 6
Aircraft, Ground Vehicle & Equipment Cleaning	SC04 - 1, 2, 3, 5, 6, 8
Outdoor Loading/Unloading of Materials	SC06 - 1, 2, 3, 4, 6, 7
Outdoor Material Storage	SC07 - 1, 2, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13
Waste Handling & Disposal	SC08 - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14
Building & Ground Maintenance	SC09 - 1, 2, 3, 5, 6, 8, 9
Employee Training	SC10 - 1, 2, 3, 4
Lavatory Service Operation	SC11 - 1, 2, 3, 4, 7, 12, 13
Outdoor Wash down/Sweeping	SC12 - 1, 2, 3, 4, 5, 7, 8, 9, 11, 12
Runway Rubber Removal	SC15 - 1, 2, 3, 4
Parking Lots	SC16 - 1, 2, 3, 4, 5, 6, 12
Drainage System Maintenance	SC17 - 1, 2, 3, 4, 5, 6, 7
Housekeeping	SC18 - 1, 2, 3, 4, 5, 6, 7, 8, 9
Safer/Alternative Products	SC19 - 1, 2
Erodible Areas	SC20 - 1, 2, 3, 4, 5, 6
Building Repair & Construction	SC21 - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16
Spill Prevention, Control & Clean Up	SR01 - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10
Structural Treatment Control BMPs	TC01 - 1, 2, 3, 4

* Appendix B provides descriptions for each BMP category.



LEGEND

 SDIA Boundary



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

PROJECT NO.:
5025-22-2002
DATE: FEBRUARY 2023
DRAWN BY: PM
CHECKED BY: AA/NP



SAN DIEGO INTERNATIONAL AIRPORT

**SDCRAA
Operating Areas**

FIGURE

E-28

Siemens

SIC Codes 4581

Primary Activity Facility Maintenance

Drainage Areas 07

Nearest MS4 Inlet < 200 ft.

Address 3225 North Harbor Dr.
San Diego, CA 92101

Contact Information

Matt LeBrun Manager

P 7609165064 **C** 7604455386

matt.lebrun@siemens-logistics.com

Thomas Penicaro Site Safety Rep/Technician

P (858) 923-6978

thomas.penicaro@siemens-logistics.com

Facility Description and Activities

*Siemens contract expanded in August 2015 to include operation and maintenance of all baggage conveyor belts and jet bridges.

1. Siemens operates and maintains all baggage claim and conveyor belt areas.
2. Siemens maintains all jet bridges. Siemens washes the jet bridges two times annually and has a Wash Water Management Plan approved by Planning & Environmental Affairs.
3. Siemens maintains ticket counter and bag room belt systems.
4. SANCO manages the contract and compliance for Siemens and Flagship. They do not directly oversee ground activities.
5. All significant materials are stored under cover or indoors in locked cabinets or within secondary containment at Gate 26 and within T2 West.
6. Some equipment and golf carts are battery operated. Batteries are charged with a portable external battery that shuts off automatically when fully charged. Golf carts are charged under cover at Gate 26.
7. All vehicles and equipment are maintained and washed offsite.
8. Baggage conveyor belts run through underground tunnels in T1 and T2. There is a sump pump in each tunnel that collects water that accumulates in the tunnels during rain events.
9. All airside baggage claim areas are swept once a week.
10. Spill kit located within T2 West and at Gate 26.
11. Clean Harbors is contracted to service waste hazardous materials.
12. Potable water cabinets are inspected weekly, with preventative maintenance occurring monthly, quarterly, or yearly depending on the maintenance performed. When requested by an airline, potable water cabinet operational training will be provided.

Significant Materials/Activities Potentially Exposed to Storm Water

Potential Pollutant Sources

Equipment storage
Fluid leaks
Outdoor apron washdown
Outdoor washdown
Outdoor waste storage
Potable water flushing
Tank fuel transfer
Trash collection

Potential Pollutants

Brake Fluid
Cleaning Solutions
Coolant
Degreasers (Citrus based)
Fuel (Gas)
Hydraulic Fluids
Lubricants
Metals
Oil & Grease
Paints
Recyclables
Sediment
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 Cleaning
Outdoor Material Storage
Waste Handling & Disposal
Building & Ground Maintenance
Employee Training
Outdoor Wash down/Sweeping
Potable Water System Flushing
Housekeeping
Safer/Alternative Products
Spill Prevention, Control & Clean Up

BMPs

SC01 - 1, 2, 4
SC02A - 1, 2
SC02B - 1, 2, 3, 4, 5, 6, 10, 11, 13
SC02C - 1, 2, 3, 4, 5, 6, 8, 9
SC04 - 1
SC07 - 1, 2, 3, 7, 11, 12, 13
SC08 - 1, 2, 3, 4, 5, 8, 9, 11, 12, 14
SC09 - 4, 9
SC10 - 1, 2, 3, 4
SC12 - 5, 6, 7, 8, 9, 10, 11, 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, 8, 9, 10

* Appendix B provides descriptions for each BMP category.



LEGEND

 SDIA Boundary  Operating Area(s)



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

PROJECT NO:	5025-22-2002
DATE:	FEBRUARY 2023
DRAWN BY:	PM
CHECKED BY:	AA/NP



SAN DIEGO INTERNATIONAL AIRPORT

**Siemens
Operating Areas**

FIGURE

E-29

Signature Flight Support

SIC Codes	4512, 4522	Contact Information	
Primary Activity	Corporate General Aviation	Monica Murray	Manager - General
Drainage Areas	01, 03	P (619) 298-7704	C (760) 668-9532
Nearest MS4 Inlet	200 - 1000 ft.	Monica.Murray@signatureflight.com	
Address	3300 Admiral Boland Way San Diego, CA 92101	Reginald Bridges	Assistant Manager
		P 6192470296	C
		Reginald.Bridges@signatureflight.com	

Facility Description and Activities

**** Signature previously known as Landmark Aviation. Name change as of April 2016.

1. New building on 3300 Admiral Boland Way has 2 office buildings and 5 hangars
2. Building 1 – FBO Lobby and customer offices
3. Hangars 1 – 5 are used for AC parking
4. No longer has an UST
5. Signature has reduced the number of AC Fuel truck to 3 JetA and 1 Avgas truck. 15K gallons of JetA and 750 Gallons of AVGAS
6. One dual product truck for Diesel and Auto gas a total of 825 gallons
7. Secured covered cabinets located near fuel trucks for hazardous waste 3 cabinets total
8. Ocean Blue collects waste oil and other hazardous materials. Menzies Aviation collects unused unleaded gasoline, jet fuel and diesel for recycling. Ocean Blue collects used absorbent.
9. Eye wash stations and showers were removed in all 5 hangars. Facility now uses saline bottles for eye wash.
10. Jet Wash no longer does business here and Clean Before Flight (CBF) continues to do mostly dry wash
11. GSE equipment is fueled with Diesel or unleaded 3 to 4 times weekly. Fuel is now purchased from Menzies Fuel Farm at the Fueling Storage Facility fueling racks as needed. Most equipment is now electric. Signature has an electric vehicle charging station south of the lobby.
12. Aircraft lavatories are serviced by Signature. Signature disposes of lavatory waste at the triturator.
13. Tenant has a Spill Prevention, Control, and Countermeasure Plan, County Hazardous Waste Permit
14. CAS is a subtenant to Signature (one office and vehicle parked).
15. Landscaping is scheduled weekly with Aztec Landscaping.
16. ABM performs the janitorial services within the Signature buildings.
17. Air Culinaire supplies catering for aircraft.

Significant Materials/Activities Potentially Exposed to Storm Water

Potential Pollutant Sources

Aircraft sanitary services
 Building & Ground maintenance
 Cargo handling
 Drainage system maintenance
 Equipment storage
 Fluid leaks
 Fuel spills, Fuel transfer
 Fuel storage
 Herbicide usage
 Material loading/unloading

Potential Pollutants

Anti Freeze
 Battery Acid
 Cleaning Solutions
 Fertilizers
 Floatables
 Food Waste
 Fuel
 Fuel (Gas)
 Fuel (Jet)
 Hydraulic Fluids

Outdoor waste storage
Pesticide usage
Tank fuel transfer
Trash collection
Vehicle parking
Water/Fuel mixture within berm

Landscape Wastes
Lavatory Chemical Wastes
Lavatory Chemicals
Lubricants
Oil & Grease
Pesticides/Herbicides
Recyclables
Sediment
Solvents
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
Outdoor Loading/Unloading of Materials
Outdoor Material Storage
Waste Handling & Disposal
Building & Ground Maintenance
Employee Training
Lavatory Service Operation
Parking Lots
Drainage System Maintenance
Housekeeping
Safer/Alternative Products
Spill Prevention, Control & Clean Up
Structural Treatment Control BMPs

BMPs

SC01 - 1, 2, 4, 5, 6, 7, 9, 10
SC02A - 1, 2
SC02B - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
SC02C - 1, 2, 3, 4, 5, 6, 8, 9
SC03 - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11
SC04 - 1, 2, 3, 4, 5, 6, 7, 8
SC06 - 1, 2, 3, 4, 6, 7
SC07 - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12
SC08 - 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 14
SC09 - 1, 2, 3, 5
SC10 - 1, 2, 3, 4
SC11 - 3, 4, 5, 6, 7, 8, 9, 10
SC16 - 1, 2, 6, 11, 12
SC17 - 1, 2, 3, 4, 5, 6, 7
SC18 - 1, 2, 3, 4, 5, 6, 7, 8, 9
SC19 - 1, 2
SR01 - 1, 2, 3, 4, 5, 6, 7, 8, 9
TC01 - 1, 2, 3, 4

* Appendix B provides descriptions for each BMP category.



LEGEND

 SDIA Boundary  Operating Area(s)



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

PROJECT NO.:
5025-22-2002
DATE: FEBRUARY 2023
DRAWN BY: PM
CHECKED BY: AA/NP



SAN DIEGO INTERNATIONAL AIRPORT

**Signature
Operating Areas**

FIGURE

E-30

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

Debbie Ripa Manager - Station

P (619) 610-5560 C (775) 815-5984

debbie.ripa@wnco.com

Lindsie Schultz Assistant Station Manager

Lindsie.Schultz@wnco.com

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

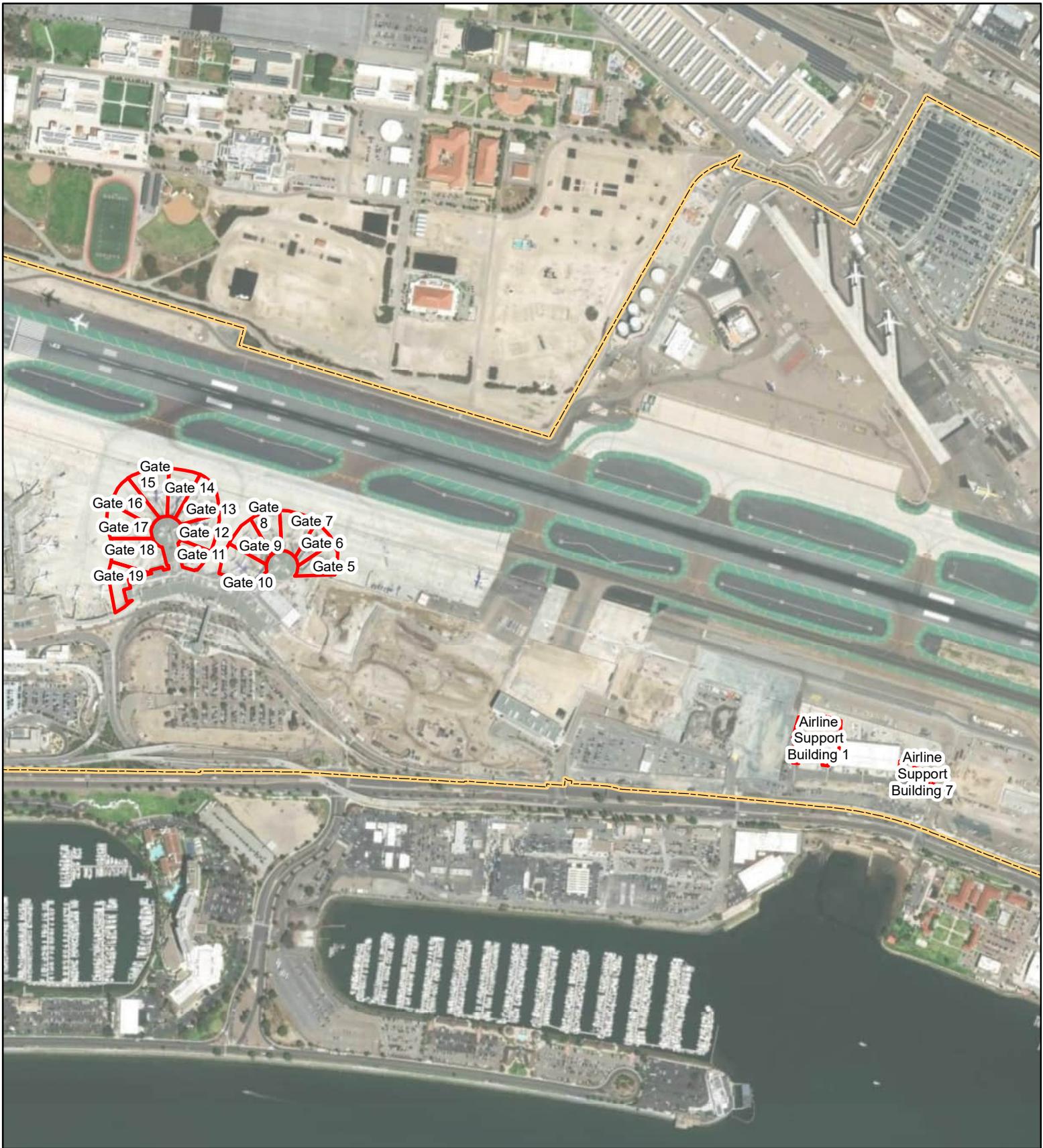
SC12 - 2, 12

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



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

PROJECT NO:	5025-22-2002
DATE:	FEBRUARY 2023
DRAWN BY:	PM
CHECKED BY:	AA/NP



SAN DIEGO INTERNATIONAL AIRPORT

**Southwest
Operating Areas**

FIGURE

E-31

SP Plus Corporation

SIC Codes 4173

Primary Activity Parking Lot Management

Drainage Areas 5, 5A, 9

Nearest MS4 Inlet < 200 ft.

Address near 3270, near UPS
San Diego, CA 92101

Contact Information

Marilyn Perry Assistant Manager

P 6193080046

mperry@spplus.com

Nicole Thomas Manager - Ops

P 6193080046

nthomas@spplus.com

Facility Description and Activities

1. Spill kit (kitty Litter) is available and stored in Sp Plus's Pod Container located in the bus yard.
2. Maintenance is performed off-site at 4902 Market St. San Diego CA. 92102, PO Box 742077, San Diego CA. 92174. Maintenance facility has 250 Gallon drums for waste oil, 50 gallon drums for hazmat materials, and two 55 gallon drums for the used oil filters. Roughly, every 3 weeks Mammoth Environmental comes to pick up the used oil/coolant/haz mat materials.
3. SP+ currently has one Full Time Utility worker that inspect and clean the yard and parking lot daily. Starting August 1, 2018, Janitorial services is performed by Aztec Landscaping Inc. The janitorial service is performed daily.
4. SP+ Fleet consists of 30 CNG 40 ft Transit Buses. Since September 7, 2018, the fleet was updated to 16 CNG El Dorado 40 ft Transit Buses & 14 CNG Gillig 40 ft Transit Buses.
5. CNG Fueling is performed at Shell Station in Chula Vista on Maxwell Street, or at UCSD in La Jolla. Diesel was fueled onsite to the North West fence line in bus yard by Menzies (formerly ASIG) prior to September 7, 2018. Since September 7, 2018, diesel fueling stopped to 8 Diesel Gillig 40 ft Buses.
6. Oil/Coolant is stored in SP+ Pod Container. All used Oil/Anti Freeze is performed at Maintenance Facility and is disposed of by Federal/State Law. Mops, Brooms, etc are stored in office storage on-site.
7. Hazardous Materials are not stored/performed on-site. BMP document was provided: "Leading the Way: Environmental Protection and Compliance".
8. General training is performed through SP+ company program "Standard University".
9. Trash is disposed of in the covered dumpsters located East of SP+ Building in enclosed doors. Trash is picked up daily by Republic Services.
10. A Wash Water Management Plan was submitted to the Authority and approved on July 30, 2018. Fleet washing is pending, and will be conducted by Precision Fleet Washing. Their headquarters is 5175 Riverview Ct. Fallbrook, CA 92028. 30 buses are washed on Wednesdays at 1900 hours. Truck based pressure washers and water recovery equipment is located at Precision Fleet Wash Facility. Wash water is collected using vacuum equipment that is pumped into facility trucks holding tanks. The water is taken to Precision Fleet Washing facility where it is filtered and disposed of in accordance to all Local, State, and Federal Regulations. Storm drains are covered during washing activities and is diverted and recovered by the vacuum system.

Significant Materials/Activities Potentially Exposed to Storm Water

Potential Pollutant Sources

Drainage system maintenance
Fluid leaks
Outdoor apron washdown
Outdoor waste storage
Ramp/Taxiway scrubbing
Tank fuel transfer
Trash collection
Vehicle parking

Potential Pollutants

Coolant
Fuel
Fuel (Diesel)
Hydraulic Fluids
Oil & Grease
Rubber Particulates
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 Cleaning
Outdoor Material Storage
Waste Handling & Disposal
Employee Training
Outdoor Wash down/Sweeping
Parking Lots
Drainage System Maintenance
Housekeeping
Spill Prevention, Control & Clean Up

BMPs

SC01 - 1, 2, 4, 5, 6, 7, 9, 10
SC02A - 1, 2
SC02B - 1, 4, 5, 6, 11, 12, 13
SC04 - 1, 2, 3, 4, 5, 6, 7, 8, 9
SC07 - 1, 2, 7
SC08 - 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 14
SC10 - 1, 2, 3, 4
SC12 - 1, 2, 3, 5, 6, 7, 8, 9, 12
SC16 - 1, 2, 4, 6, 11, 12
SC17 - 1, 2, 5, 6, 7
SC18 - 1, 2, 3, 4, 5, 6, 7, 8, 9
SR01 - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

* Appendix B provides descriptions for each BMP category.



LEGEND

 SDIA Boundary  Operating Area(s)



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

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5025-22-2002
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SAN DIEGO INTERNATIONAL AIRPORT

**SP Plus
Operating Areas**

FIGURE

E-32

Spirit Airlines

SIC Codes 4512, 4581

Primary Activity Passenger Carrier

Drainage Areas 8

Nearest MS4 Inlet < 200 ft.

Address 3707 North Harbor Dr. #227
San Diego, CA 92101

Contact Information

Fernando Perez Rangel Manager

C (619) 919-1983

Fernando.PerezRangel2@spirit.com

Facility Description and Activities

1. FOD walks are performed before and after each flight. FOD is disposed of in the trash can near gate.
2. Spirit operates out of Gate 17. Gates 16 and 18 used as backup.
3. GAT is the ground handler who handles above and below wing, as well as storing all significant materials. GAT also provides all equipment (loaders and tugs). GAT has a spill kit.
4. Pacific Aircraft Maintenance is contracted for maintenance on aircraft which is sometime performed at the gate.
5. Spirit has 6 daily flights 7 days of the week.
6. Menzies conducts fueling and handles any fueling spills.
7. No washing, deicing, hazmat, or cargo.
8. Spirit has required yearly training (which is done at headquarters or online) that covers spill prevention. GAT receives yearly storm water training through JetBlue.
9. One GAT cart is stored at Gate 17 with supplies for on the plane (tp, paper towels, cleaning supplies) and tow bars are also stored at Gate 17 during non operational hours.
10. Only one Spirit employee at San Diego location. Employees at the front ticket counter are working through GAT.
11. All equipment and vehicles are owned by GAT. Maintenance is conducted by Menzies.

Significant Materials/Activities Potentially Exposed to Storm Water

Potential Pollutant Sources

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

Potential Pollutants

Adhesives
Anti Freeze
Battery Acid
Brake Fluid
Cleaning Solutions
Coolant
Fire Fighting Foam
Food Waste
Fuel
Fuel (Gas)
Hydraulic Fluids
Landscape Wastes
Lavatory Chemicals
Lavatory Truck Wash Water
Lubricants
Metals
Oil & Grease
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
Outdoor Loading/Unloading of Materials
Outdoor Material Storage
Waste Handling & Disposal
Employee Training
Lavatory Service Operation
Outdoor Wash down/Sweeping
Potable Water System Flushing
Housekeeping
Safer/Alternative Products
Spill Prevention, Control & Clean Up

BMPs

SC01 - 1, 2, 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
SC06 - 1, 2, 3, 4, 6, 7
SC07 - 1, 2, 3, 7
SC08 - 1, 2, 3, 4, 5, 8, 9, 10, 12
SC10 - 1, 2, 3, 4
SC11 - 3, 4, 5, 6, 7, 8, 9, 10
SC12 - 2, 3, 5, 12
SC14 - 1, 2
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

 SDIA Boundary  Operating Area(s)



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SAN DIEGO INTERNATIONAL AIRPORT

**Spirit
Operating Areas**

FIGURE

E-33

SSP

SIC Codes 5812

Primary Activity Food & Beverage

Drainage Areas 12, 8

Nearest MS4 Inlet 200 - 1000 ft.

Address 3225 North Harbor Dr.
San Diego, CA 92101

Contact Information

Kenneth Lapeyrolerie Manager

P (619) 400-2404

kenneth.lapeyrolerie@foodtravelexperts.com

Hugh Gardner Manager - Ops

P (717) 877-1577

Hugh.gardner@foodtravelexperts.com

Facility Description and Activities

1. Currently operates out of T1 West and T2 East and West.
2. Operates two battery operated golf carts which are dry washed as needed. SSP does not perform any vehicle or equipment maintenance.
3. Flagship picks up waste, recycling, and compost directly from stores. SSP uses 2 FlagShip-maintained dumpsters for trash and cardboard at T2 East and T1 West.
4. Bradford picks up grease directly from the stores 3 times per week and delivers back to CRDC.
5. Participates in airport's composting program. The first three compost loads (monitored under an initial probationary period) taken to the dump were free of contamination. Green waste is checked quality control.
6. Outdoor loading area is located next to (to the left of) Gate 10, and at Gate 11.
7. Dry good storage is located in the storage room within the breezeway at Gate 25.
8. Perishable items are received within ten (10) minutes. Dry goods are received within forty-five (45) minutes. Bradford drops off materials at Gate 25.
9. Bradford picks up the wash rags and brings back to CRDC. Aramark is a vendor that collects the wash rags at CRDC and provides the cleaning services of the wash rags that are used in the restaurants.

Significant Materials/Activities Potentially Exposed to Storm Water

Potential Pollutant Sources

- Fluid leaks
- Material loading/unloading
- Outdoor waste storage
- Trash collection

Potential Pollutants

- Battery Acid
- Cleaning Solutions
- Food Waste
- Oil & Grease
- 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 Cleaning
- Outdoor Loading/Unloading of Materials
- Waste Handling & Disposal
- Employee Training
- Housekeeping
- Safer/Alternative Products
- Spill Prevention, Control & Clean Up

BMPs

- SC01 - 1, 2, 4
- SC02A - 1
- SC02B - 1, 4, 5, 6
- SC02C - 1, 2, 5, 6, 8, 9
- SC04 - 1, 2
- SC06 - 1, 2, 3, 6, 7
- SC08 - 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 14
- SC10 - 1, 2, 3, 4
- SC18 - 1, 2, 3, 4, 5, 6, 8, 9
- SC19 - 1, 2
- SR01 - 1, 2, 3, 4, 5, 6, 7, 8, 9

* Appendix B provides descriptions for each BMP category.



LEGEND

 SDIA Boundary  Operating Area(s)



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

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SAN DIEGO INTERNATIONAL AIRPORT

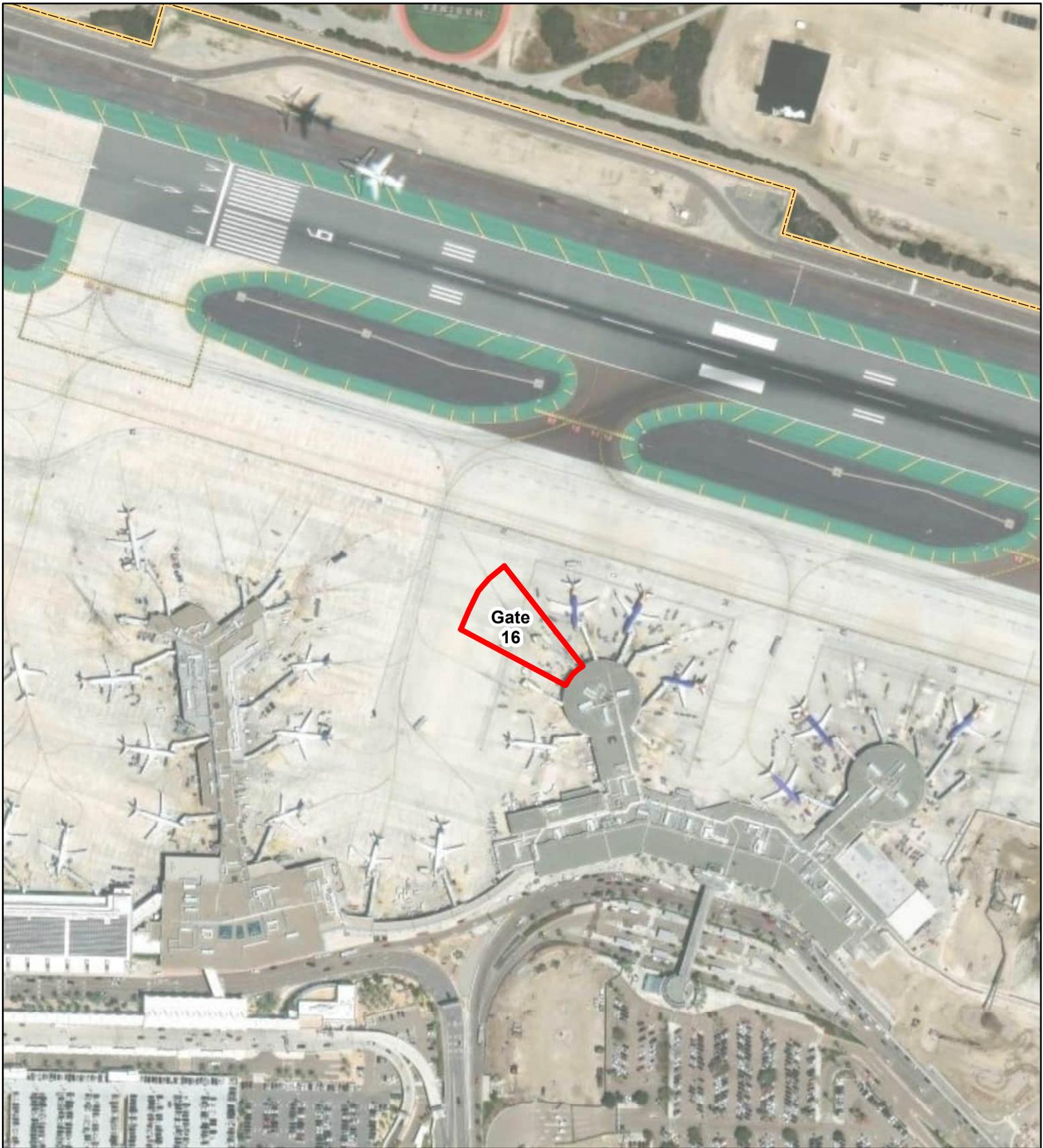
**SSP
Operating Areas**

FIGURE

E-34

Non-Storm Water Management	SC01 - 1, 2, 4
Outdoor Equipment Ops Maintenance Areas	SC02A - 1, 2
Aircraft, Ground Vehicle & Equipment Maintenance	SC02B - 1, 2, 3, 4, 5, 6, 7, 8, 11, 12, 13
Aircraft, Ground Vehicle & Equipment Fueling	SC03 - 1, 2, 4, 5, 6
Outdoor Loading/Unloading of Materials	SC06 - 1, 2, 3, 4, 6, 7
Outdoor Material Storage	SC07 - 1, 2, 3, 7, 11, 12
Waste Handling & Disposal	SC08 - 1, 2, 3, 4, 5, 6, 8, 9, 10, 11, 12, 14
Employee Training	SC10 - 1, 2, 3, 4
Lavatory Service Operation	SC11 - 3, 4, 5, 6, 7, 8, 9, 10, 11
Outdoor Wash down/Sweeping	SC12 - 2, 3, 4, 5, 12
Housekeeping	SC18 - 1, 2, 3, 4, 5, 6, 7, 8, 9
Safer/Alternative Products	SC19 - 1, 2
Spill Prevention, Control & Clean Up	SR01 - 1, 2, 3, 4, 5, 6, 7, 8, 9

* Appendix B provides descriptions for each BMP category.



LEGEND

 SDIA Boundary  Operating Area(s)



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SAN DIEGO INTERNATIONAL AIRPORT

**Sun Country
Operating Areas**

FIGURE

E-35

United Airlines

SIC Codes	4512, 4522	Contact Information	
Primary Activity	Passenger Carrier	Russell Estes	Assistant Manager
Drainage Areas	07, 12, 15	P (619) 785-5532	C (619) 997-1298
Nearest MS4 Inlet	< 200 ft.	russell.estes@united.com	
Address	3855 N. Harbor Suite #115 San Diego, CA 92101	Jean Buggs	Interim General Manager
		P (619) 785-5519	
		jean.buggs@united.com	

Facility Description and Activities

*Effective July, 2015, United Express (formerly operated out of commuter terminal) will be relocated to United gates and ticket counters in Terminal 2.

1. United performs maintenance of its own GSE equipment at their maintenance shop located at the ASB/cargo building. Aircraft maintenance is performed by United.
2. WFS conducts air freight processing. Loading and unloading is done by United.
3. U.S. Aviation is responsible for cleaning of aircraft interior and dumping lavatory waste.
4. AccuFleet, a vendor to United, performs aircraft washing at the gates or remote parking at night. All wash water is vacuumed up and disposed of at the Triturator.
5. Waste is stored in a Hazardous Waste Accumulation Area outside United's maintenance shop at the ASB.
6. Lavatory deodorant is stored outdoors with secondary containment, located at the ASB ramp.
7. Lavatory deodorant is added to the lavatory truck at the ASB shop and water within the Triturator Area.
8. Safety Kleen collects and disposes of hazardous waste and waste oil.
9. Gate Gourmet provides food service for United.
10. Menzies provides aircraft and equipment fueling at the gates or remote parking areas where the vehicles are parked.
11. As of August 2013 United and Continental operate under one operational plan.
12. GSE is cleaned by United employees at the Authority wash rack.
13. United operates out of Gates 39-45 and at ASB/Cargo #2 and #5. Gate 45 is shared, United operates one flight per day there.

Significant Materials/Activities Potentially Exposed to Storm Water

Potential Pollutant Sources

Aircraft sanitary services
 Cargo handling
 Equipment storage
 Fluid leaks
 Fuel spills, Fuel transfer
 Material loading/unloading
 Outdoor waste storage
 Tank fuel transfer
 Trash collection

Potential Pollutants

Adhesives
 Battery Acid
 Cleaning Solutions
 Coolant
 Degreasers
 Degreasers (Citrus based)
 Food Waste
 Fuel
 Fuel (Diesel)
 Fuel (Gas)
 Fuel (Jet)
 Lavatory Chemical Wastes
 Lavatory Chemicals
 Lavatory Truck Wash Water
 Lavatory Wastes
 Lubricants

Oil & Grease
Paints
Purple K
Rubber Particulates
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
Outdoor Loading/Unloading of Materials
Outdoor Material Storage
Waste Handling & Disposal
Employee Training
Lavatory Service Operation
Outdoor Wash down/Sweeping
Housekeeping
Safer/Alternative Products
Spill Prevention, Control & Clean Up

BMPs

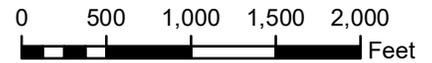
SC01 - 1, 2, 4, 7
SC02A - 1, 2
SC02B - 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13
SC02C - 1, 2, 3, 4, 5, 6, 7, 8, 9
SC03 - 1, 2, 4, 5, 6, 8
SC04 - 1, 2, 5
SC06 - 1, 2, 3, 4, 6, 7
SC07 - 1, 2, 3, 7, 11, 12, 13
SC08 - 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 14
SC10 - 1, 2, 3, 4
SC11 - 3, 4, 5, 6, 7, 8, 9, 10
SC12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

* Appendix B provides descriptions for each BMP category.



LEGEND

Operating Area(s) SDIA Boundary



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SAN DIEGO INTERNATIONAL AIRPORT

**United
Operating Areas**

FIGURE

E-36

UPS

SIC Codes 4513
Primary Activity Cargo Handling
Drainage Areas 5
Nearest MS4 Inlet < 200 ft.
Address 3140 E Jurupa St. #G105
 Ontario, CA 91761

Contact Information
 Kim Rafail Supervisor
 P 6192937512 C
 krafail@ups.com

 Matthew Ballard Environmental Coordinator
 P 9099747653 C 9092144919
 matthewballard@ups.com

Facility Description and Activities

1. UPS loads and unloads its aircraft at the north ramp next to IAS.
2. A spill kit, located next to the loading/unloading area, contains absorbent pads, booms, and a spill response manual.
3. UPS's own technicians perform maintenance of aircraft and equipment.
4. Most maintenance of tugs and loading equipment occurs outside, including oil changes for tugs. Aircraft maintenance is performed outside.
5. Menzies fuel UPS aircraft, vehicles, and ground support equipment.
6. Worldwide Flight Services, Inc. (WFS Inc.) is a vendor that provides man power for loading/unloading services.
7. Asbury picks up used hazardous wastes. World Oil picks up used waste oil, absorbent, and antifreeze and transports them off site.
8. NRC Environmental is contracted to clean up hazardous materials waste following spills. GAT performs lavatory services on the UPS aircraft.
9. Diamond Environmental pumps out lavatory waste from the two trailer buildings.
10. UPS stores all of their equipment including tires, oil, waste oil, lubricants, hazardous waste, etc. in mobile minis that are covered, closed, locked. Materials within are on spill pallets and are well organized.

Significant Materials/Activities Potentially Exposed to Storm Water

Potential Pollutant Sources

Aircraft sanitary services
 Cargo handling
 Equipment storage
 Fluid leaks
 Fuel spills, Fuel transfer
 Material loading/unloading
 Outdoor apron washdown
 Outdoor waste storage
 Ramp/Taxiway scrubbing
 Tank fuel transfer
 Trash collection
 Vehicle parking

Potential Pollutants

Anti Freeze
 Battery Acid
 Cleaning Solutions
 Degreasers (Citrus based)
 Fuel
 Fuel (Gas)
 Hydraulic Fluids
 Lubricants
 Metals
 Oil & Grease
 Rubber Particulates
 Solvents
 Trash

Best Management Practices Applicable to Facility

Activities

Non-Storm Water Management
 Outdoor Equipment Ops Maintenance Areas
 Aircraft, Ground Vehicle & Equipment Maintenance

BMPs

SC01 - 1, 2, 4
 SC02A - 1, 2
 SC02B - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11

Aircraft, Ground Vehicle & Equipment Fueling	SC03 - 1, 2, 4, 5, 6, 8
Aircraft, Ground Vehicle & Equipment Cleaning	SC04 - 1, 2
Outdoor Loading/Unloading of Materials	SC06 - 1, 2, 3, 4, 6, 7
Outdoor Material Storage	SC07 - 1, 2, 3, 7, 11, 12
Waste Handling & Disposal	SC08 - 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 14
Building & Ground Maintenance	SC09 - 8
Employee Training	SC10 - 1, 2, 3, 4
Lavatory Service Operation	SC11 - 3, 4, 7, 8, 11
Outdoor Wash down/Sweeping	SC12 - 1, 2, 3, 4, 5, 6, 7, 8, 9, 12
Parking Lots	SC16 - 1, 2, 4, 6
Housekeeping	SC18 - 1, 2, 3, 4, 5, 6, 7, 8, 9
Safer/Alternative Products	SC19 - 1, 2
Spill Prevention, Control & Clean Up	SR01 - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

* Appendix B provides descriptions for each BMP category.



UPS + East
side of North
Ramp Cargo

LEGEND

 SDIA Boundary  Operating Area(s)



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SAN DIEGO INTERNATIONAL AIRPORT

**UPS
Operating Areas**

FIGURE

E-37

West Jet Airlines

SIC Codes 4512, 4522

Primary Activity Passenger Carrier

Drainage Areas 15

Nearest MS4 Inlet 200 - 1000 ft.

Address 3707 North Harbor Dr. T2E
San Diego, CA 92101

Contact Information

Ken Sturgill Safety and Training Regional Manager

C (775) 771-0699

ksturgill@atsstl.com

Dan Mesaros Manager - Regional

P (403) 539-7565 C (403) 542-9680

dmesaros@westjet.com

Facility Description and Activities

1. All equipment maintenance is done by ATS mobile van that parks near gate 50. Daily vital fluid checks are performed by ATS staff and monthly Preventive Maintenance Inspections are conducted by ATS mobile.
2. Fueling is conducted by Menzies at the Gate. ATS conducts monthly station safety audits which include observing fueling. ATS requests a poundage of fuel to be put into the aircraft prior to each fueling.
3. Cleaning of vehicles is done at the washrack facility. No aircraft cleaning is performed at SIDA.
4. All ground handling activities are performed by ATS.
5. All aircraft maintenance is performed by Flightline.
6. West Jet operates out of Gates 50 at 1 flight per day. Sun, Mon, Thurs - Gate 49 or 51 1x per day.
7. Potable water is flushed for 30 seconds on the ramp and allowed to evaporate.
8. ATS is a subtenant and performs services below the wing for West Jet.
9. Siemens conducts baggage belt maintenance and gate services.
10. Flagship conducts trash pickup service for tenant.

Significant Materials/Activities Potentially Exposed to Storm Water

Potential Pollutant Sources

- Aircraft sanitary services
- Cargo handling
- Equipment storage
- Fluid leaks
- Fuel spills, Fuel transfer
- Material loading/unloading
- Outdoor waste storage
- Tank fuel transfer
- Trash collection

Potential Pollutants

- Anti Freeze
- Battery Acid
- Cleaning Solutions
- Fuel
- Lavatory Chemicals
- Lavatory Wastes
- Lubricants
- Metals
- Oil & Grease
- Sediment
- Trash

Best Management Practices Applicable to Facility

Activities

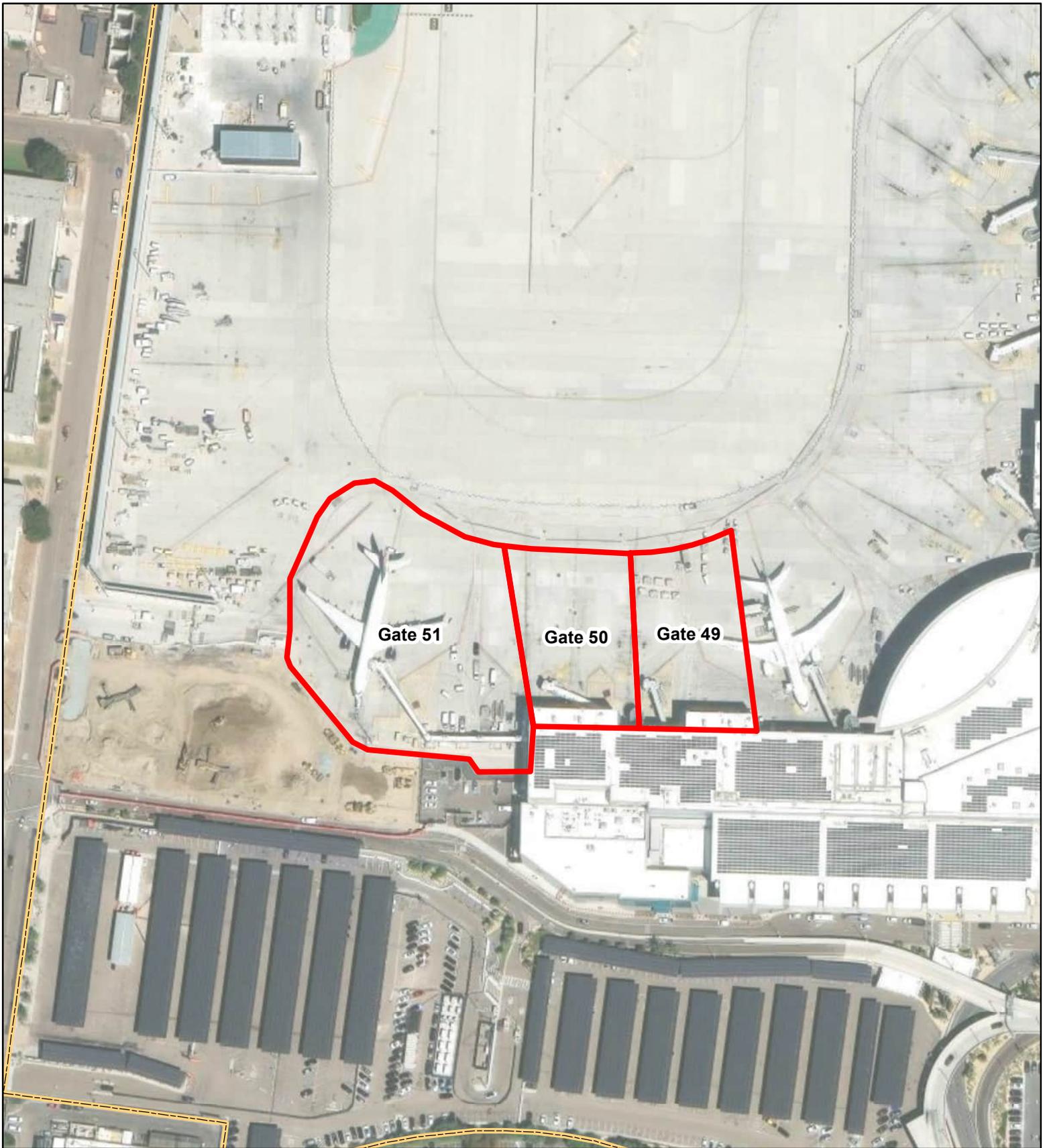
- Non-Storm Water Management
- Outdoor Equipment Ops Maintenance Areas
- Aircraft, Ground Vehicle & Equipment Maintenance
- Aircraft, Ground Vehicle & Equipment Fueling
- Aircraft, Ground Vehicle & Equipment Cleaning
- Outdoor Loading/Unloading of Materials
- Outdoor Material Storage

BMPs

- SC01 - 1, 2, 4, 7
- SC02A - 1, 2
- SC02B - 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13
- SC03 - 1, 2, 4, 5, 6, 8
- SC04 - 1, 2, 3, 5
- SC06 - 1, 2, 3, 4, 6, 7
- SC07 - 1, 2, 3, 7, 12

Waste Handling & Disposal	SC08 - 1, 2, 3, 4, 5, 8, 9, 10, 11, 12, 14
Employee Training	SC10 - 1, 2, 3, 4
Lavatory Service Operation	SC11 - 3, 4, 5, 6, 7, 8, 9, 10, 11
Outdoor Wash down/Sweeping	SC12 - 2
Housekeeping	SC18 - 1, 2, 3, 4, 5, 6, 7, 8, 9
Safer/Alternative Products	SC19 - 1, 2
Spill Prevention, Control & Clean Up	SR01 - 1, 2, 3, 4, 5, 6, 7, 8, 9

* Appendix B provides descriptions for each BMP category.



LEGEND

 SDIA Boundary  Operating Area(s)



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SAN DIEGO INTERNATIONAL AIRPORT

**West Jet
Operating Areas**

FIGURE

E-38