

APPENDIX E  
TENANT SUMMARY SHEETS

## Appendix E – Tenant Summary Sheets



## ACE

<b>SIC Codes</b>	7521	<b>Contact Information</b>	
<b>Primary Activity</b>	Parking Lot Management	Zach Woodward	Manager
<b>Drainage Areas</b>	03, 05, 06, 08, 09, 11, 12	P 6192911508	C 6199857441
<b>Nearest MS4 Inlet</b>	< 200 ft.	Zach_Woodward@aceparking.com	
<b>Address</b>	3665 North Harbor Dr. #200 San Diego, CA 92101	Kevin Hernandez	Manager - General
		kevin_hernandez@aceparking.com	

### Facility Description and Activities

\*\*\* Note : Two separate contracts under ACE, shuttles and parking lots. At the moment of Annual/Audit Inspections both contacts should be inspected together.

1. ACE Parking Management supplies 31 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. 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.).
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.
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, 2 pickup trucks, 1 valet van, 1 Prius, 1 Ford Escape, and one sweeper owned by SDCRAA and used by ACE.
5. Tenant performs as-needed maintenance of the sweeper onsite in designated maintenance area in a garage next to the bridge between Terminal 1 and Terminal 2 parking lots. The trucks, Prius, valet van, Ford Escape, and shuttle buses are serviced offsite. Golf carts are serviced onsite. The sweeper is stored under the awning attached to the garage.
6. Tenant receives fuel and stores it in a hazmat locker to fuel the leaf blower. Propane is stored at Lot 10 (Shuttle Hold Lot). Trucks, valet van, and Prius are fueled by Menzies onsite in Lot 10. The Ford Escape is serviced and fueled offsite.
7. Flammable materials storage locker has small amounts of fuel (for refueling of sweepers if required before the next Menzies visit).
8. Terminal parking lots are swept with the sweeper 2-3x times per week, and swept manually daily. Employee parking lots are swept 2-3 times per week with sweeper and manually daily. Lot 10 is swept by hand 3-5x per week.
9. Minor parking lot repairs are performed by ACE but not in the past year. However, major work would be contracted out.
10. ProDash 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 the Environmental Affairs due to a change in the vendor and is currently under review.
11. The Shuttle Fleet consists of 32 propane buses. An above-ground propane tank is located in Lot 10 for fueling.
12. Propane is delivered once per day by Ferrell AutoGas.
13. Outdoor material containers are located between Terminal 1 & 2 parking in a shed, the Shuttle Hold Lot, and the Valet lot. There are 4 sheds and two repurposed parking booths they use to store materials.
14. Cars are detailed at the Valet Lot using dry methods by Jordan Auto Spa.
15. Batteries are removed and properly disposed of by Cottonwood Electric Cart Service or now known as Specialized Vehicle Company.
16. Portable lavatories are provided in the Long Term parking, Cell Phone Lot, and App Enabled Car parking. Lavatories are maintained by United Site Services.
17. Cal State Auto Parts recycles used auto parts, they come by 2x/week.
18. Dragonfly Automotive comes by 2x/week to recycle used tires.

### Significant Materials/Activities Potentially Exposed to Storm Water

#### Potential Pollutant Sources

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

#### Potential Pollutants

Anti Freeze  
Cleaning Solutions  
Fuel (Gas)  
Lavatory Chemical Wastes  
Lavatory Chemicals  
Lavatory Truck Wash Water  
Lavatory Wastes  
Oil & Grease  
Paints  
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 Material Storage  
Waste Handling & Disposal  
Employee Training  
Lavatory Service Operation  
Outdoor Wash down/Sweeping  
Parking Lots  
Drainage System Maintenance  
Housekeeping  
Safer/Alternative Products  
Spill Prevention, Control & Clean Up

##### BMPs

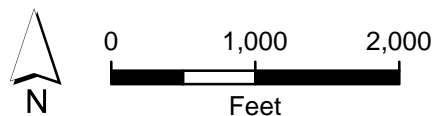
SC01 - 1, 2, 4  
SC02A - 1, 2  
SC02B - 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13  
SC02C - 1, 2, 3, 4, 5, 6, 7, 8, 9  
SC03 - 1, 2, 3, 4, 5, 6, 8  
SC04 - 1, 2, 3, 4, 5, 6, 7, 8, 9  
SC07 - 1, 2, 3, 6, 7, 8, 10, 11, 12  
SC08 - 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12  
SC10 - 1, 2, 4  
SC11 - 4, 7, 12, 13  
SC12 - 2, 3, 4, 5, 6, 7, 8, 9  
SC16 - 1, 2, 3, 4, 5, 6, 11  
SC17 - 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

\* Appendix B provides descriptions for each BMP category.






- Operating Area(s)
- SDIA Boundary



Aerial Image Source:  
Aerotech Mapping Inc.  
ATM # C0116-008  
Aerial Flight Date: 8/22/2016

<b>PROJECT NO.:</b> 5025-18-2002  <b>DATE:</b> JANUARY 2019  <b>DRAWN BY:</b> CAB  <b>CHECKED BY:</b> AA/NP		<b>SAN DIEGO INTERNATIONAL AIRPORT</b>	<b>FIGURE</b>
		<b>ACE Operating Areas</b>	<b>E-1</b>

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## Air Canada Rouge & Jazz Airlines

<b>SIC Codes</b>	4512, 4522	<b>Contact Information</b>	
<b>Primary Activity</b>	Passenger Carrier	Ken Sturgill	Manager - General
<b>Drainage Areas</b>	12	<b>P</b> 6192200164	<b>C</b> 7757710699
<b>Nearest MS4 Inlet</b>	200 - 1000 ft.	ksturgill@atsstl.com	
<b>Address</b>	3665 North Harbor Dr. #223 San Diego, CA 92101	Gina Vestal	Environmental Contact
		<b>P</b> 6192200164	
		GVestal@atsstl.com	

### 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 in the GES maintenance shop area by GES.
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 Gate 34. This gate is shared with United who parks at this gate occasionally overnight.
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.

### Significant Materials/Activities Potentially Exposed to Storm Water

<u>Potential Pollutant Sources</u>	<u>Potential Pollutants</u>
Aircraft sanitary services	Anti Freeze
Cargo handling	Fuel
Equipment storage	Fuel (Gas)
Fluid leaks	Fuel (Jet)
Fuel spills, Fuel transfer	Hydraulic Fluids
Material loading/unloading	Lavatory Chemicals
Outdoor waste storage	Lavatory Truck Wash Water
Potable water flushing	Lavatory Wastes
Tank fuel transfer	Oil & Grease
Trash collection	

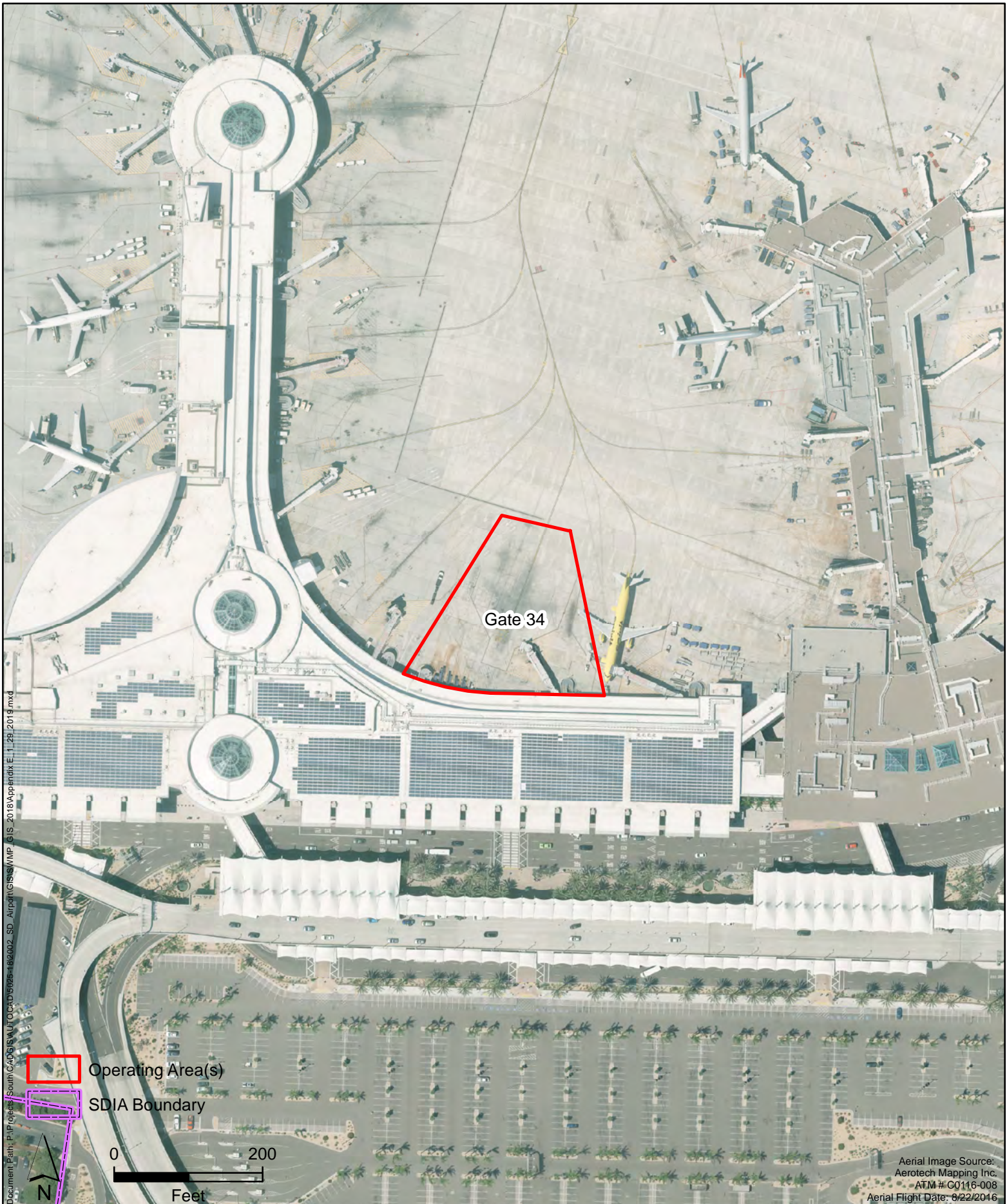
### Best Management Practices Applicable to Facility

<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, 4, 7, 11, 12
Waste Handling & Disposal	SC08 - 1, 2, 3, 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
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.





PROJECT NO.:  
5025-18-2002

DATE:  
JANUARY 2019

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**SAN DIEGO INTERNATIONAL AIRPORT**

**Air Canada  
Operating Areas**

FIGURE

**E-2**

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## Alaska Airlines

<b>SIC Codes</b>	4512, 4522	<b>Contact Information</b>	
<b>Primary Activity</b>	Passenger Carrier	Warren Paulsen	Supervisor - Maintenance
<b>Drainage Areas</b>	07, 08	<b>P</b> 6196804651	<b>C</b> 9495474896
<b>Nearest MS4 Inlet</b>	< 200 ft.	warren.paulsen@alaskaair.com	
<b>Address</b>	3665 North Harbor Dr. #228 San Diego, CA 92101	Janet Baad <b>P</b> 2063927947 janet.baad@alaskaair.com	Environmental Contact <b>C</b> 2067944975

### Facility Description and Activities

1. DAL Global Services 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 three large storage sheds outside. All three storage sheds have hazardous materials and all liquid has secondary containment.
3. There are two clam shell containers stored outdoors, each containing two barrels of 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 by Gate 16. All other significant materials are stored outdoors and contained in 3 covered sheds.
7. Wastes are stored in the Waste Accumulation.
8. Spill response material for fuel and lavatory spills is kept in a cart between Gate 16 and 17.
9. Operate out of gates 13 through 18. Aircraft Remain Over Night (RON) at gates 20 and 21 and aircraft is kept at Commuter Terminal 1 every night.
10. Aircrafts are dry washed only.
11. Contact Janet Baad for HAZMAT Business Plan.
12. Alaska and Virgin are merging and will be under one Single Operating System (SOS) as of January 2018.

### 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  
Battery Acid  
Cleaning Solutions  
Degreasers  
Fuel  
Fuel (Sump)  
Hydraulic Fluids  
Lavatory Chemical Wastes  
Lavatory Chemicals  
Lavatory Wastes  
Lubricants  
Oil & Grease  
Recyclables  
Sealants  
Trash



## Best Management Practices Applicable to Facility

### Activities

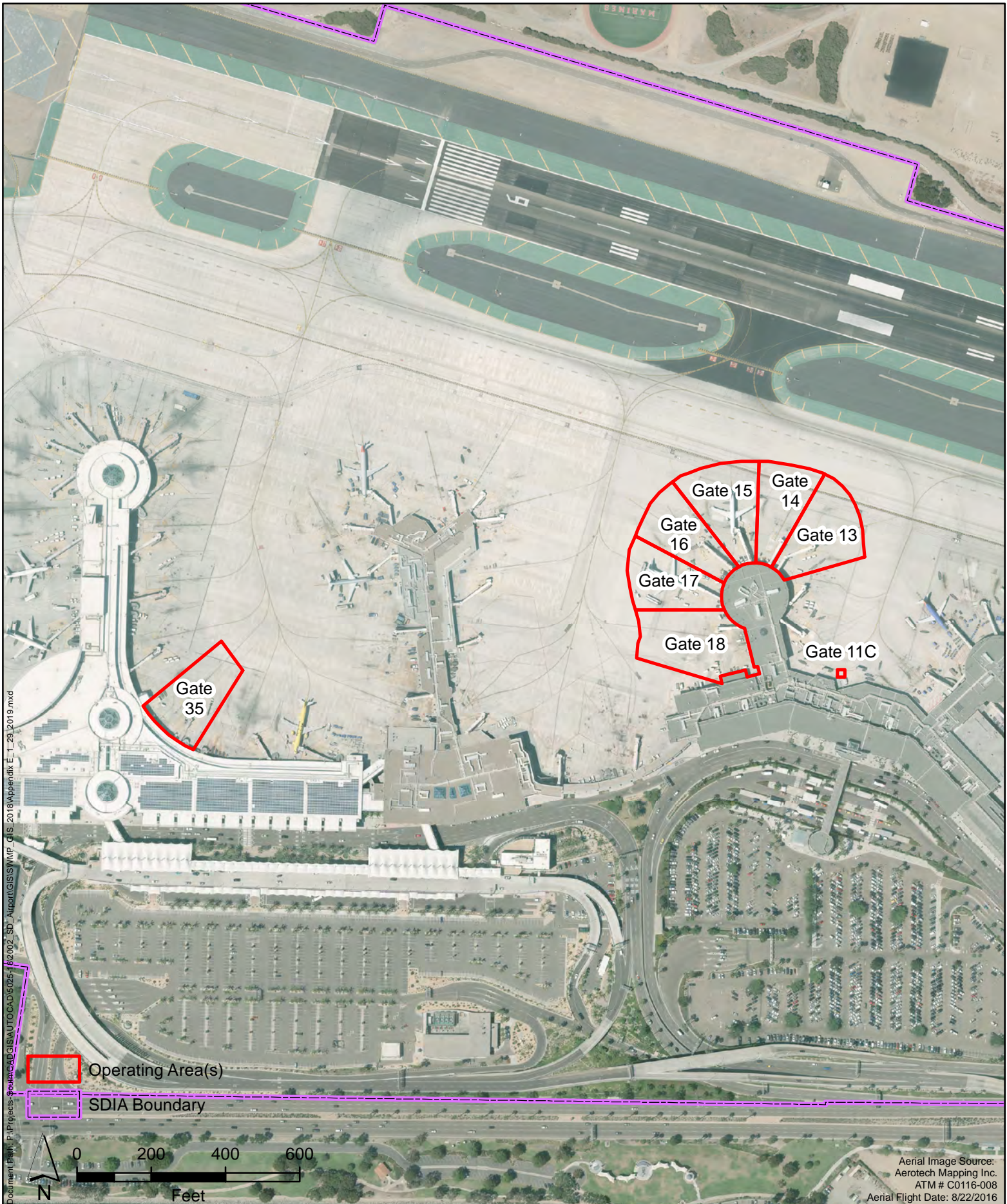
Non-Storm Water Management  
Outdoor Equipment Ops Maintenance Areas  
Aircraft, Ground Vehicle & Equipment Maintenance  
Electric Vehicle Maintenance  
Aircraft, Ground Vehicle & Equipment Fueling  
Aircraft, Ground Vehicle & Equipment Cleaning  
Outdoor Loading/Unloading of Materials  
Outdoor Material Storage  
Waste Handling & Disposal  
Employee Training  
Lavatory Service Operation  
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, 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  
SC04 - 1, 2, 5  
SC06 - 1, 2, 3, 4, 6, 7  
SC07 - 1, 2, 3, 7, 11, 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  
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





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JANUARY 2019

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**SAN DIEGO INTERNATIONAL AIRPORT**

**Alaska  
Operating Areas**

FIGURE

**E-3**

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## Allegiant Air

<b>SIC Codes</b>	4512, 4522	<b>Contact Information</b>	
<b>Primary Activity</b>	Passenger Carrier	Ken Sturgill	General Manager
<b>Drainage Areas</b>	08, 12	<b>P</b> 6192200164	<b>C</b> 7757710699
<b>Nearest MS4 Inlet</b>	200 - 1000 ft.	ksturgill@atsstl.com	
<b>Address</b>	3707 North Harbor Dr. T2E San Diego, CA 92101	Peter Dreissig	Manager - Regional
		<b>P</b> 7028308270	<b>C</b> 6128020126
		peter.dreissig@allegiantair.com	

### Facility Description and Activities

1. All equipment maintenance is done by GES. Daily vital fluid checks are performed by ATS staff and monthly Preventive Maintenance Inspections are conducted by Tom Mascarenas of GES. 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 Executive Air.
5. Tenant does not have a permanent gate, but frequently uses Gate 30.
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.

### 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  
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

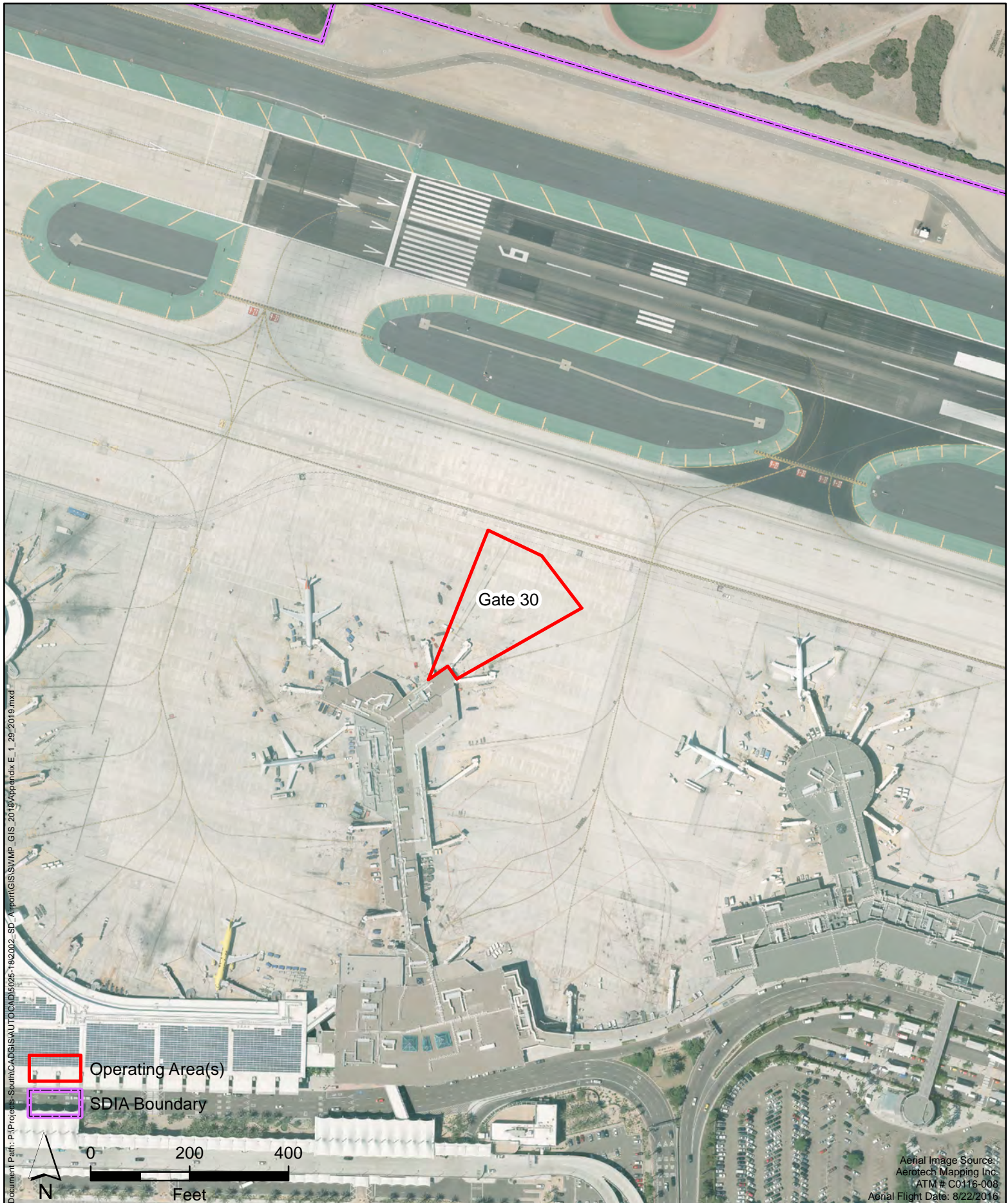
Non-Storm Water Management  
Outdoor Equipment Ops Maintenance Areas  
Aircraft, Ground Vehicle & Equipment Maintenance  
Electric Vehicle Maintenance  
Aircraft, Ground Vehicle & Equipment Fueling  
Aircraft, Ground Vehicle & Equipment Cleaning  
Outdoor Loading/Unloading of Materials  
Outdoor Material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

#### BMPs

SC01 - 1, 2, 4, 7  
SC02A - 1, 2  
SC02B - 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13  
SC02C - 1, 2, 3, 4, 5, 6, 8, 9  
SC03 - 1, 2, 4, 5, 6, 8  
SC04 - 1, 2, 3, 5  
SC06 - 1, 2, 3, 4, 6, 7  
SC07 - 1, 2, 3, 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
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.



PROJECT NO.:  
5025-18-2002

DATE:  
JANUARY 2019

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**SAN DIEGO INTERNATIONAL AIRPORT**

**Allegiant  
Operating Areas**

FIGURE

**E-4**

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## Allied Aviation

<b>SIC Codes</b>	5171	<b>Contact Information</b>	
<b>Primary Activity</b>	Fuel Storage	Terry Munson	Ops Lead
<b>Drainage Areas</b>	06 , 07	P 6195747808	C 6199215694
<b>Nearest MS4 Inlet</b>	< 200 ft.	terry.munson@alliedaviation.com	
<b>Address</b>	3698 Pacific Hwy. #C San Diego, CA 92101	Nathan Nop P 6195747808 nathan.nop@alliedaviation.com	Crew - Ops

### Facility Description and Activities

1. Allied Aviation main office is located in the North Ramp Area next to the ARFF station. A second "remote" fueling facility is located adjacent to the CT. An above ground OWS was installed (Jan 2013) 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. - 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 Remote Fueling Facility, operated by Allied Aviation and used by Menzies and Signature to load fuel trucks, has the following: - Five single-position refueler loading islands with spill containment. - One 12,000-gallon underground waste water tank. - 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 Allied Aviation Main Office.
5. NRC is the designated Oil Spill Response Organization (OSRO) to provide cleanup services in case of a spill.
6. Menzies trucks take Jet-A fuel at the Remote Fueling Facility and then take fuel to the gates. Jet fuel comes from 10th Avenue by an underground pipeline to two 1,000,000-gallon ASTs at the Fuel Storage Facility. An annual survey is performed on leak detection systems. Fuel is provided by Allied.
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.
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 Remote Fueling Facility. The area is steam cleaned, and the discharge enters the 12,000-gallon underground wastewater tank. NRC collects and disposes of wastewater and picks up wastes.
11. The Firefighting equipment near the two 1-million 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 remote fueling 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.

#### Significant Materials/Activities Potentially Exposed to Storm Water

##### Potential Pollutant Sources

Cargo handling  
Drainage system maintenance  
Equipment storage  
Fire fighting equipment testing  
Fluid leaks  
Fuel spills, Fuel transfer  
Fuel storage  
Material loading/unloading  
Outdoor waste storage  
Pesticide usage  
Tank fuel transfer  
Trash collection  
Vehicle parking  
Water/Fuel mixture within berm

##### Potential Pollutants

Adhesives  
Anti Freeze  
Battery Acid  
Brake Fluid  
Cleaning Solutions  
Coolant  
Fire Fighting Foam  
Food Waste  
Fuel  
Fuel (Gas)  
Fuel (Jet)  
Fuel (Sump)  
Hydraulic Fluids  
Lubricants  
Oil & Grease  
Purple K  
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  
Fire Fighting Foam Discharge  
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, 7, 8, 9, 10, 11, 12, 13  
SC03 - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11  
SC04 - 1, 2, 3, 5, 6  
SC06 - 1, 2, 3, 4, 6, 7  
SC07 - 1, 2, 3, 6, 7, 8, 9, 10, 11, 12  
SC08 - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14  
SC09 - 3  
SC10 - 1, 2, 3, 4  
SC12 - 2, 3, 5, 10, 11  
SC13 - 1, 2, 3, 4, 5  
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, 10  
TC01 - 1, 2, 3, 4

\* Appendix B provides descriptions for each BMP category.





PROJECT NO.:  
5025-18-2002

DATE:  
JANUARY 2019

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CAB

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AA/NP



**SAN DIEGO INTERNATIONAL AIRPORT**

**Allied Aviation  
Operating Areas**

FIGURE

**E-5**

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## American Airlines

<b>SIC Codes</b>	4512, 4522	<b>Contact Information</b>	
<b>Primary Activity</b>	Passenger Carrier	Sonny Chelf	Manager
<b>Drainage Areas</b>	06, 07, 08, 12		C 3107130597
<b>Nearest MS4 Inlet</b>	200 - 1000 ft.	Clarence.Chelf@aa.com	
<b>Address</b>	3707 North Harbor Dr. #103 San Diego, CA 92101	Sumner Rabin	Manager - Customer Service C 6198464752
		Sumner.rabin@aa.com	

### 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. One (1) 10,000 gallon Jet A fueling truck may be kept for use, but old trucks will be removed. The trucks are branded with Menzies decals. Menzies is responsible for their maintenance.
3. Aircraft maintenance is performed by American's own mechanics. Minor maintenance is performed at the gate. Major maintenance is performed in the gate or north ramp.
4. Vehicles and equipment maintenance is performed inside or outside American's Maintenance Shop using paint rollers.
5. Vehicles and equipment painting is done by GES.
6. GES is contracted to maintain the vehicles and equipment effective November 15, 2012.
7. GES is a subtenant to American and uses American's Maintenance Shop at the Cargo Building.
8. The wash rack was no longer in use as of May 2016. The wash rack was taken out and returned to the authority in September 2016.
9. Envoy is contracted to clean aircraft inside overnight.
10. Siemens is contracted to maintain jet bridges and belts.
11. American does not perform deicing operations (effective 2012).
12. American no longer does freight/cargo handling. WFS receives mail, supplies, etc. and GAT receives cabin supplies for American.
13. American Airlines has three designated waste accumulation areas - one between Gates 31 and 32, one in the shed, and one in stores next to the auto shop. One hazardous waste area is in the auto shop, though it is not an accumulation area. The two accumulation areas located at the auto shop were removed effective November 15, 2012.
14. Heritage Environmental Services is contracted to collect hazardous wastes accumulated by American Airlines. Some are recycled and some are treated and disposed of.
15. Tenant has an Emergency Contingency Plan, a Spill Prevention, Control, and Countermeasure Plan.
16. USAirways and American operations completely merged in April 2015.
17. USAirways merged into American's plan, policies, and procedures in April 2015.
18. As of September 2018, American no longer operates out of Gate 24.

### 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

#### Potential Pollutants

Anti Freeze  
Battery Acid  
Cleaning Solutions  
Degreasers (Citrus based)  
Floatables  
Food Waste  
Fuel

Potable water flushing  
Tank fuel transfer  
Trash collection

Fuel (Gas)  
Fuel (Jet)  
Fuel (Sump)  
Hydraulic Fluids  
Lavatory Chemical Wastes  
Lavatory Chemicals  
Lavatory Truck Wash Water  
Lavatory Wastes  
Lubricants  
Oil & Grease  
Paints  
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  
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, 4, 5, 6, 8  
SC04 - 1, 2, 3, 5, 6  
SC06 - 1, 2, 3, 4, 7  
SC07 - 1, 2, 3, 5, 7, 10, 11, 12  
SC08 - 1, 2, 3, 4, 5, 8, 9, 10, 11, 12, 14  
SC09 - 8, 9  
SC10 - 1, 2, 3, 4  
SC11 - 3, 4, 5, 6, 7, 8, 9, 10  
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, 10

\* Appendix B provides descriptions for each BMP category.





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## Aircraft Rescue & Fire Fighting

<b>SIC Codes</b>	9224	<b>Contact Information</b>	
<b>Primary Activity</b>	Airport Rescue & Fire Fighting	Wayne Thomas	Unknown
<b>Drainage Areas</b>	06	<b>P</b> 6194002710	
<b>Nearest MS4 Inlet</b>	< 200 ft.	wthomas@san.org	
<b>Address</b>	3698 Pacific Hwy. San Diego, CA 92102	Dean Robbins	Unknown
		<b>P</b> 6194002761	
		drobbs@san.org	

### Facility Description and Activities

1. Four fire fighting vehicles are stored and fueled indoors by Menzies.
2. Maintenance is done by Southern California Fleet Services in flat dirt parking lot area away from storm drains or within the ARFF station. All waste is taken off site by Inland Fire mechanics. Southern California Fleet Services brings in all maintenance equipment and fluids.
3. There are two storage areas outside the ARFF building. A shed in front of the ARFF houses the 3% foam, Purple K powder fire retardant and empty drums. A second container/shed holds tools and tires.
4. Firefighting equipment and foam testing is performed once a year on the North ramp. Ocean Blue is contracted to collect all runoff from the exercise. They barricade all storm drains and ramp area to collect test water. They vacuum up all runoff and foam for proper disposal. The nearest storm drain is connected to an oil-water separator that Ocean Blue blocks the end of and vacuums out if necessary.
5. Trucks are detailed using dry methods in the back parking lot. If washing is required, it is conducted at the Authority wash rack. Once per year the trucks are waxed by an outside vendor.
6. Foam trailer is stored full in the bay with the trucks (1000 gal, 3% foam concentrate).
7. Call station to reach all captains when needing to schedule a site visit.
8. ARFF are not responsible for equipment. It is all owned by the Airport Authority.
9. Airport Authority is responsible for storm drain cleaning and maintenance.

### Significant Materials/Activities Potentially Exposed to Storm Water

<u>Potential Pollutant Sources</u>	<u>Potential Pollutants</u>
Building & Ground maintenance	Cleaning Solutions
Drainage system maintenance	Degreasers (Citrus based)
Equipment storage	Fire Fighting Foam
Fire fighting equipment testing	Food Waste
Fluid leaks	Fuel
Fuel spills,Fuel transfer	Fuel (Gas)
Herbicide usage	Landscape Wastes
Outdoor waste storage	Oil & Grease
Pesticide usage	Purple K
Tank fuel transfer	Trash
Trash collection	
Vehicle parking	

### Best Management Practices Applicable to Facility

<u>Activities</u>	<u>BMPs</u>
Non-Storm Water Management	SC01 - 1, 2, 3, 4, 8
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
Aircraft, Ground Vehicle & Equipment Fueling	SC03 - 1, 2, 4, 5, 6
Aircraft, Ground Vehicle & Equipment Cleaning	SC04 - 1, 2, 3, 5, 6, 7

Outdoor Material Storage	SC07 - 1, 2, 3, 7
Waste Handling & Disposal	SC08 - 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 14
Building & Ground Maintenance	SC09 - 1, 2, 3
Employee Training	SC10 - 1, 2, 3, 4
Fire Fighting Foam Discharge	SC13 - 1, 2, 3, 5
Parking Lots	SC16 - 1, 2, 4, 5, 6, 11
Drainage System Maintenance	SC17 - 2, 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

\* Appendix B provides descriptions for each BMP category.





PROJECT NO.:  
5025-18-2002

DATE:  
JANUARY 2019

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**wood.**

**SAN DIEGO INTERNATIONAL AIRPORT**

**ARFF  
Operating Areas**

FIGURE

**E-7**

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## Bradford

<b>SIC Codes</b>	4581	<b>Contact Information</b>	
<b>Primary Activity</b>	Cargo Handling	Arturo Cruz	Supervisor - Ops
<b>Drainage Areas</b>	06	<b>P</b> 6196391201	
<b>Nearest MS4 Inlet</b>	< 200 ft.	alopez@airportlogistics.org	
<b>Address</b>	2247 West Washington St.	Jim Decock	Head of Concessions
	San Diego, CA 92101	<b>P</b> 6194002308	
		jdecock@san.org	

### Facility Description and Activities

1. Approximately 67 inbound (to the RDC) deliveries per day and approximately 17 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 outdoors and they have lids 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. On a monthly basis, a grease recycling company (DarPro) 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.
14. Water is heated via solar heating system.

### Significant Materials/Activities Potentially Exposed to Storm Water

#### Potential Pollutant Sources

Cargo handling  
Fluid leaks  
Herbicide usage  
Material loading/unloading  
Outdoor waste storage  
Pesticide usage

#### Potential Pollutants

Anti Freeze  
Battery Acid  
Cleaning Solutions  
Food Waste  
Fuel  
Fuel (Diesel)

Trash collection  
Vehicle parking

Hydraulic Fluids  
Landscape Wastes  
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  
Waste Handling & Disposal  
Building & Ground Maintenance  
Employee Training  
Parking Lots  
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  
SC04 - 1, 2, 5, 6  
SC06 - 1, 2, 3, 4, 6, 7  
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  
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.





Aerial Image Source:  
 Aerotech Mapping Inc.  
 ATM # C0116-008  
 Aerial Flight Date: 8/22/2016

PROJECT NO.:	5025-18-2002
DATE:	JANUARY 2019
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**SAN DIEGO INTERNATIONAL AIRPORT**

**Bradford  
Operating Areas**

FIGURE

**E-8**

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## British Airways Airlines

<b>SIC Codes</b>	4512, 4522	<b>Contact Information</b>	
<b>Primary Activity</b>	Passenger Carrier	David Johnson	Manager - Station
<b>Drainage Areas</b>	15		C 6192521820
<b>Nearest MS4 Inlet</b>	< 200 ft.	dave.johnson@dnata.us	
<b>Address</b>	3707 North Harbor Dr. #117 San Diego, CA 92101	Nadia Higgins	Manager - General
		P 6192780797	C 6199125308
		Nadia.Higgins@ba.com	

### Facility Description and Activities

1. British Airways operates out of Gate 51 in Terminal 2 and sometime uses Gate 48 that is shared with Southwest, Alaska, JAL, Condor, Edelweiss, and Spirit.
2. British Airways aircraft fueling is carried out by Menzies.
3. British Airways has only one (1) vehicle and all maintenance of vehicle is performed offsite. 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. Heritage Environmental Services collects British Airways used oils monthly.
7. 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 2017.
8. Tenant has used the Airport Storm Water Management Plan, and has an Emergency Contingency Plan, and a Spill Prevention, Control, and Countermeasure Plan.
9. Flying Foods is a vendor for BA.
10. Dnata manages employees and equipment for BA. GSI became Dnata in January of 2017.
11. GAT performs lavatory services.
12. 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.

### 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	Cleaning Solutions
Fuel spills,Fuel transfer	Fuel
Material loading/unloading	Fuel (Jet)
Outdoor waste storage	Hydraulic Fluids
Potable water flushing	Lavatory Chemicals
Trash collection	Lavatory Truck Wash Water
	Lavatory Wastes
	Lubricants
	Oil & Grease
	Paints
	Rubber Particulates
	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, 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, 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
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.





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## Cartwright Termite & Pest Control, Inc

<b>SIC Codes</b>	7342	<b>Contact Information</b>	
<b>Primary Activity</b>	Facility Maintenance	Jim Patterson	Pest Control Manager
<b>Drainage Areas</b>	08	P 6199472625	
<b>Nearest MS4 Inlet</b>	< 200 ft.	Jim.patterson@cartwrightsdia.com	
<b>Address</b>	3225 North Harbor Dr. San Diego, CA 92101	Gregg Segel	Applications Developer
		P 6196471475	
		gregg.segel@cartwrightsdia.com	

### Facility Description and Activities

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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

### Best Management Practices Applicable to Facility

#### Activities

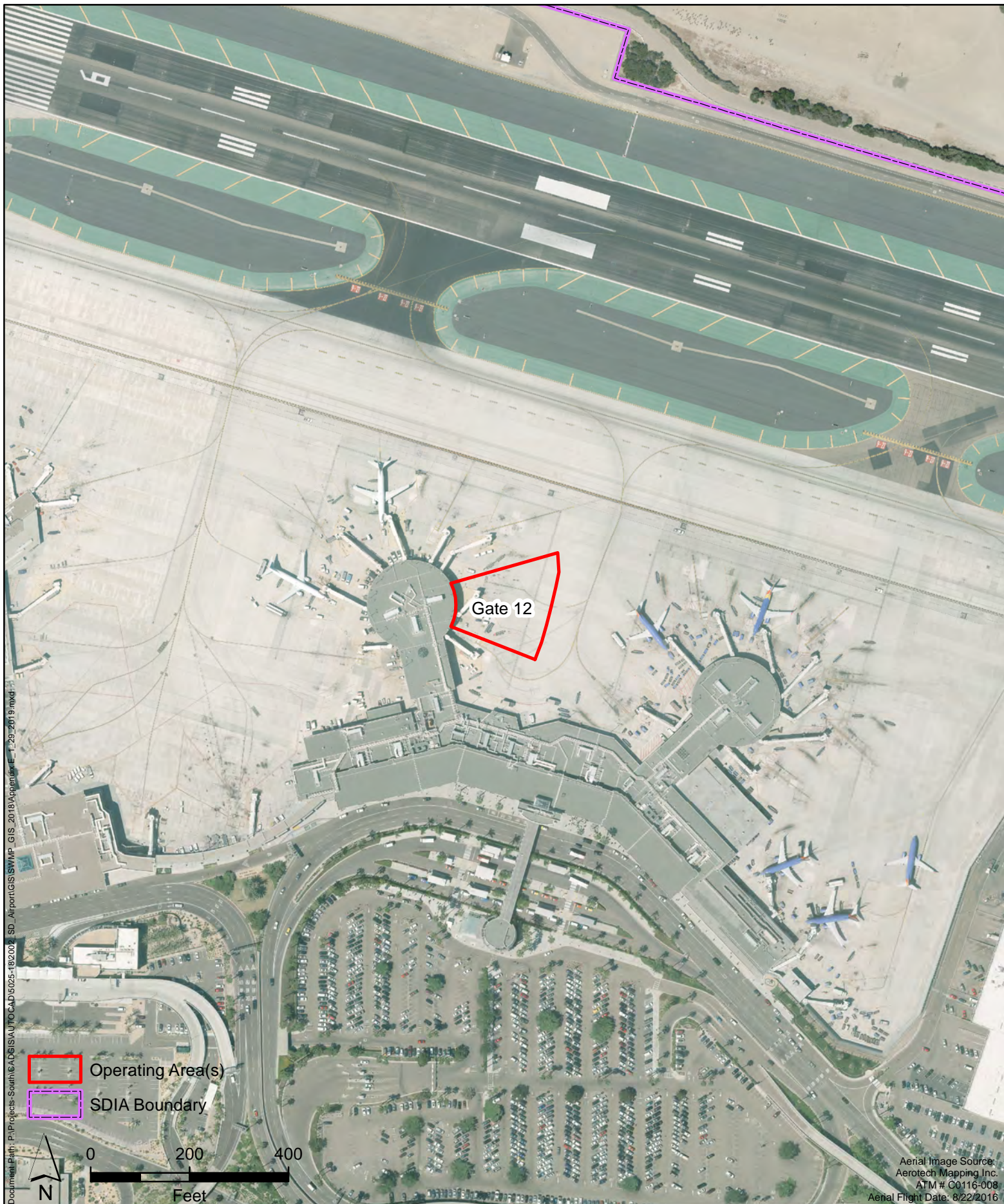
Non-Storm Water Management  
Outdoor Equipment Ops Maintenance Areas  
Aircraft, Ground Vehicle & Equipment Maintenance  
Outdoor Material Storage  
Waste Handling & Disposal  
Building & Ground Maintenance  
Employee Training  
Drainage System Maintenance  
Housekeeping  
Safer/Alternative Products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

#### BMPs

SC01 - 1, 2, 4  
SC02A - 1, 2  
SC02B - 1, 2, 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, 4  
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, 10

\* Appendix B provides descriptions for each BMP category.





PROJECT NO.:  
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DATE:  
JANUARY 2019

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# SAN DIEGO INTERNATIONAL AIRPORT

## Cartwright Operating Areas

FIGURE

E-10



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## Conrac Solutions

<b>SIC Codes</b>	7521	<b>Contact Information</b>	
<b>Primary Activity</b>	Parking Lot Management	Scott Anderson	Manager - Site
<b>Drainage Areas</b>	03, 05		C 8582819170
<b>Nearest MS4 Inlet</b>	< 200 ft.	sanderson@conracsolutions.com	
<b>Address</b>	3225 North Harbor Dr. San Diego, CA 92101	Tyler Mclean	Assistant Manager
		P 6195740647	
		tmclean@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, 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) under ground 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 area is on floors 1-3. There are 12 pumps and 24 fueling stations on floors 1-3. 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 IPC.
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 IPC.
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 tank.
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 4,000 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. A 55 gallon used absorbent drum is used to collect used absorbent that will be removed by ACT Enviro.
11. Dumpster cleaning is conducted in the service yard. All dumpsters are connected to the sanitary sewer.
12. Calico Building Services is contracted to clean the front of the building, parking lots, and trash containers.
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 storage.

### Significant Materials/Activities Potentially Exposed to Storm Water

#### Potential Pollutant Sources

Building & Ground maintenance  
Cargo handling  
Equipment storage  
Fluid leaks

#### Potential Pollutants

Cleaning Solutions  
Degreasers (Citrus based)  
Fertilizers  
Floatables

Fuel spills,Fuel transfer	Food Waste
Fuel storage	Fuel
Herbicide usage	Fuel (Diesel)
Material loading/unloading	Fuel (Gas)
Outdoor waste storage	Hydraulic Fluids
Pesticide usage	Landscape Wastes
Ramp/Taxiway scrubbing	Lubricants
Trash collection	Oil & Grease
Vehicle parking	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  
 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

##### 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  
 SC08 - 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 13, 14  
 SC09 - 1, 2, 3, 5, 7  
 SC10 - 1, 2, 3, 4  
 SC12 - 1, 2, 3, 4, 5, 7, 8, 9, 10, 11  
 SC16 - 1, 2, 4, 5, 6, 11, 12, 13  
 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.





PROJECT NO.:  
5025-18-2002

DATE:  
JANUARY 2019

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**SAN DIEGO INTERNATIONAL AIRPORT**

**Conrac  
Operating Areas**

FIGURE

**E-11**



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## Delta Airlines

<b>SIC Codes</b>	4512, 4522	<b>Contact Information</b>	
<b>Primary Activity</b>	Passenger Carrier	Jason Kempster	Manager - Station
<b>Drainage Areas</b>	07, 08, 12, 15	<b>P</b> 6194912800	<b>C</b> 2062952356
<b>Nearest MS4 Inlet</b>	< 200 ft.	jason.l.kempster@delta.com	
<b>Address</b>	3835 North Harbor Dr. #107 San Diego, CA 92101	Alfredo Magana <b>P</b> 6192009423 Alfredo.c.magana@delta.com	Crew - Maintenance

### Facility Description and Activities

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

1. WFS handles cargo for Delta.
2. DAL Global Services (DGS) is Delta's subtenant for GSE maintenance. DGS operates the GSE maintenance shop located at the cargo loading/unloading building. DGS performs vehicle and GSE maintenance for Delta. Maintenance is only performed inside the GSE maintenance shop, none is performed on the ramp. In addition to maintenance, DGS provides ground handling and baggage services.
3. Ground support equipment, cargo containers, dollies, and other items are stored behind the cargo building and the DGS maintenance shop and west ramp.
4. Delta's own technicians perform aircraft maintenance at the gates. Pacific Aircraft Maintenance has a contract with Delta as backup to Delta's technicians.
5. Vehicles and GSE are washed at Menzies' wash rack.
6. Spill kits are located at every gate with a larger cart on west ramp.
7. Delta/DGS 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 Nexeo Solutions LLC (formerly Ashland), 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. Gate 38 and 37 are preferred gates. Gate 46 and 47 are out of service due to construction until 2019.
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 waste storage  
Tank fuel transfer  
Trash collection  
Vehicle parking

#### 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  
 Parking Lots  
 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, 4, 5, 6, 8  
 SC04 - 1, 3, 5, 6, 7  
 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, 14  
 SC10 - 1, 2, 3, 4  
 SC11 - 3, 4, 5, 6, 7, 8, 9, 10, 11  
 SC12 - 2, 3, 5, 12  
 SC16 - 1, 2, 4, 6, 11  
 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.





PROJECT NO.:  
5025-18-2002

DATE:  
JANUARY 2019

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**SAN DIEGO INTERNATIONAL AIRPORT**

**Delta  
Operating Areas**

FIGURE

**E-12**



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## DHL

<b>SIC Codes</b>	4513	<b>Contact Information</b>	
<b>Primary Activity</b>	Air & Ground Freight	Heather McLeroy	Supervisor
<b>Drainage Areas</b>	03, 05, 06	<b>P</b> 6193586250	<b>C</b> 8586630990
<b>Nearest MS4 Inlet</b>	< 200 ft.	heather.mcleroy@dhl.com	
<b>Address</b>	225 Washington St. San Diego, CA 92101	David Tabali	Vendor - Primary Contact
		dtabali@casusa.com	

### Facility Description and Activities

1. DHL has one cargo plane (767 plane) that comes in in the AM.
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, CEVA, and FasTrucking.
5. Plane is loaded in the PM with material from incoming trucks.
6. Atlas 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 required.
8. No washing of any equipment is performed on the ramp.
9. Signature fuel the DHL plane and ground service equipment.
10. Bathroom for the DHL portable lavatory is serviced by Diamond Environmental.
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 2 conex containers on the ramp where maintenance supplies and equipment are stored. This belongs to Atlas Air.
14. Hazardous wastes are stored in clamshells outside.
15. All ground service equipment are parked on the ramp by the trailers.
16. DHL employees do safety training which includes spill response procedures.
17. Spill kit and supplies are located indoors in room at DHL trailer.
18. No aircraft lavatory services occur at SAN. All DHL aircrafts get serviced at PHX.

### Significant Materials/Activities Potentially Exposed to Storm Water

#### Potential Pollutant Sources

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

#### Potential Pollutants

Cleaning Solutions  
Degreasers (Citrus based)  
Food Waste  
Fuel  
Fuel (Jet)  
Hydraulic Fluids  
Lavatory Chemicals  
Lavatory Wastes  
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  
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  
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 - 12, 13  
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

\* Appendix B provides descriptions for each BMP category.





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**SAN DIEGO INTERNATIONAL AIRPORT**

**DHL  
Operating Areas**

FIGURE

**E-13**



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## Edelweiss

<b>SIC Codes</b>	N/A	<b>Contact Information</b>	
<b>Primary Activity</b>	Air & Ground Freight	Cynthia Jackson	Unknown
<b>Drainage Areas</b>	15	<a href="mailto:cynthia.jackson@flyedelweissusa.com">cynthia.jackson@flyedelweissusa.com</a>	
<b>Nearest MS4 Inlet</b>	< 200 ft.	<hr/>	
<b>Address</b>	3225 North Harbor Dr. San Diego, CA 92101	Margaret Alvarez	Manager - Station
		P 6195002956	
		<a href="mailto:marget.alvarez@flyedelweissusa.com">marget.alvarez@flyedelweissusa.com</a>	

### Facility Description and Activities

1. Tenant operates out of gate 48 primarily with 50 & 51 as backups.
2. Tenant has no office.
3. APS conducts ground handling and operations.
4. Menzies conducts fueling.
5. California Airline Services is a maintenance vendor
6. SkyChef does catering for vendor.
7. APS does airplane cleaning and security.
8. Siemens conducts bridge support and belt system support.
9. Flights run 2x per week from May-Oct.

### Significant Materials/Activities Potentially Exposed to Storm Water

#### Potential Pollutant Sources

Aircraft sanitary services  
Equipment storage  
Fluid leaks  
Fuel spills,Fuel transfer  
Fuel storage  
Potable water flushing  
Tank fuel transfer  
Water/Fuel mixture within berm

#### Potential Pollutants

Anti Freeze  
Battery Acid  
Cleaning Solutions  
Food Waste  
Fuel  
Fuel (Diesel)  
Fuel (Gas)  
Fuel (Jet)  
Hydraulic Fluids  
Lavatory Chemical Wastes  
Lavatory Chemicals  
Lavatory Wastes  
Lubricants  
Oil & Grease  
Sediment  
Solvents  
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

#### BMPs

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

Outdoor Material Storage	SC07 - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12
Lavatory Service Operation	SC11 - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13
Potable Water System Flushing	SC14 - 1, 2, 3
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.



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**SAN DIEGO INTERNATIONAL AIRPORT**

**Edelweiss  
Operating Areas**

FIGURE

**E-14**



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## FedEx

<b>SIC Codes</b>	4513	<b>Contact Information</b>	
<b>Primary Activity</b>	Cargo Handling	Nathan Muren	Manager - Ops
<b>Drainage Areas</b>	05, 06	P 6198509972	
<b>Nearest MS4 Inlet</b>	< 200 ft.	nmuren@fedex.com	
<b>Address</b>	2221 West Washington St. San Diego, CA 92110	Greg Chewett	Ramp Agent
		P 6196889203	
		gregory.chewett@fedex.com	

### Facility Description and Activities

1. Aircraft loading/unloading occurs at four gates on the North Ramp area.
2. Menzies fuels aircraft, vehicles and equipment.
3. Two dumpsters utilized by FedEx's office are managed by EDCO and located outside of the parking lot.
4. Three above ground storage tanks are outside FedEx's office, two contain drinking water and one contains waste water. Palomar Water delivers potable water and United services the waste water regularly.
5. A spill kit is located at the new sort facility. It contains absorbent litter, mats, and sox.
6. Minor vehicle maintenance is conducted outdoors in designated vehicle maintenance area. Maintenance area is covered and has a spill protection area.
7. Hazardous waste and waste oil are stored in covered storage containers, on pallets, and inside sheds southeast of FedEx's offices. Safety Kleen is contracted to pick up hazardous wastes.
8. Significant materials are stored in covered storage containers on pallets inside the sheds southeast of FedEx's office.
9. Safety Kleen is contracted to clean up any hazardous material spills that may occur.
10. Vehicles are parked in front of and northwest of FedEx's offices.
11. Cargo loading and unloading equipment is staged in designated areas throughout the ramp. The old sort facility is used for documents. Other operations are performed at the new sort facility under the new covered area.
12. GAT performs lavatory and potable water services as needed. This rarely occurs.
13. Fleetwash washes some of the equipment and stains on the ramp. They utilize a system that captures the wash water and dispose of it offsite. The equipment does not utilize cleaning agents, only highly pressurized water for cleaning. They typically wash ground service equipment once a month. Aircraft are not washed at SAN.
14. Interstate recycles all used batteries.

### Significant Materials/Activities Potentially Exposed to Storm Water

<u>Potential Pollutant Sources</u>	<u>Potential Pollutants</u>
Cargo handling	Anti Freeze
Equipment storage	Battery Acid
Fluid leaks	Brake Fluid
Fuel spills,Fuel transfer	Carburetor Cleaner
Material loading/unloading	Cleaning Solutions
Outdoor waste storage	Coolant
Potable water flushing	Degreasers
Tank fuel transfer	Degreasers (Citrus based)
Trash collection	Fuel
Vehicle parking	Fuel (Diesel)
	Fuel (Jet)
	Hydraulic Fluids
	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  
 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  
 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.





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**SAN DIEGO INTERNATIONAL AIRPORT**

**FedEx  
Operating Areas**

FIGURE

**E-15**

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## FlagShip

<b>SIC Codes</b>	4581	<b>Contact Information</b>	
<b>Primary Activity</b>	Janitorial	Gustavo Solis	Manager - Account
<b>Drainage Areas</b>	08	P 6192986793	C 9493900190
<b>Nearest MS4 Inlet</b>	< 200 ft.	gsolis@Flagshipinc.com	
<b>Address</b>	3835 North Harbor Dr. #130 San Diego, CA 92101	Ramon Gaxiola P 6194580599 ragaxiola@flagshipinc.com	Manager - Ops

### Facility Description and Activities

1. FlagShip (formerly SPC) is responsible for cleaning the restrooms inside the airport and those on the airside. They empty all trash cans and recycling cans inside and outside the airport, but not the dumpsters. All trash is disposed in dumpsters located in T1 (Compactor/Segregation Area) and T2 (Gate 23, Gate 48, and Gate 25). Flagship does not use dumpster in T2 parking lot near USO.
2. FlagShip cleans the floors and carpets inside the airport, including the gift shops and food courts, and they sweep sidewalks up to the curb on the landside and the airside using a sweeper that belongs to Flagship. They do not clean the baggage make up areas. They are also responsible for sweeping 10 ft from the building along on the land and airside.
3. Pressure Washing (information from Airport's Public Relations Specialist, updated 5/27/15): Flagship performs pressure washing Tuesdays through Saturdays between 11:00 pm and 4:00 am, and is scheduled on a 30 to 45 day rotation. Locations that receive pressure washing include terminal smoking areas, all baggage claim sidewalks, and ten feet from the building to the ramp and compactor areas. FlagShip also power-washes the trash compactor area near the Commuter Terminal, the dumpster area between Terminal 2 East and West, the HMS Host grease container area near Gate 27, and the dumpster area at Terminal 1, and the grease container. Carpet cleaning wastewater is also disposed of at the dewatering bin at the trash compactor area. 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 transferred to the pressure washer reservoirs. 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. FlagShip owns three pressure washers. This equipment is used to power-wash the sidewalks on the landside and the airside. The power washers are stored at Gate 17 and covered with a tarp. There is no set schedule for the three washers that are used. During power washing, water is heated to 200 degrees, which probably cools to 140-150 degrees by the time it reaches the surfaces, and at a pressure of 3,000 psi. The pressure washers 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. The reclaimed AC condensate is not potable water and therefore not a violation of state and city water restrictions. As of October 2015, AC condensate was only collected at the new Green Build T2 gates and the busier T1 gates (not collected at Gate 1 or 2). Before starting the pressure washing operation, Flagship staff locates all storm water drains and covers the areas with berms or mats. They then remove and sweep all trash, debris and cigarette butts. Next, staff will determine the path that the water will run and will funnel the water using berms and bags into the vacuum/reclaim system. Once the job is complete, the wash water is vacuumed up, hoses are drained into the sanitary sewage system at the T1 compactor area and equipment is cleaned. The wash water is vacuumed up by a separate vacuum machine. Water booms are used during this operation to avoid discharges to the storm drains. Wash water is dumped to the dewatering bin at the trash compactor area.
4. Republic (a vendor to SDCRAA) is the company the collects the dumpster from the airport, which also performs a power washing on a schedule that does not coincide with Flagship's.
5. FlagShip also transports and unloads trash/recycling from trash cart system located between Terminal 1 and Terminal 2.
6. Diesel is used to heat water on the power washers; gasoline is used in the engine of the power washers.
7. FlagShip cleans the windows at T2W every 3 to 6 months using FlagShip equipment. All wash waters are collected and disposed of onsite.
8. Flagship uses battery operated pieces of equipment (vacuum, carpet cleaners, hard floor surface cleaners).
9. A truck mounted carpet extractor is used to clean carpets in terminals and is stored at Gate 17. All water is disposed of in T1 sump (via trash compactors).
10. All outdoor storage is at Gate 17 and some indoor storage is at this location as well.
11. Flagship has an oncall contract to pressure wash and scrub along the ramp and apron.
12. Flagship got rid of their pressure washing truck within the last year.
13. Flagship owns 4 trucks and 2 vans. Minor maintenance is done by Flagship maintenance staff under a tented area near



the Cargo buildings. Major maintenance is done offsite.

14. SANCO manages the contract and compliance for Flagship and Siemens. They do not directly oversee activities.

#### **Significant Materials/Activities Potentially Exposed to Storm Water**

##### Potential Pollutant Sources

Fluid leaks  
Fuel spills,Fuel transfer  
Material loading/unloading  
Outdoor apron washdown  
Outdoor washdown  
Outdoor waste storage  
Tank fuel transfer  
Trash collection

##### Potential Pollutants

Battery Acid  
Cleaning Solutions  
Food Waste  
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  
Housekeeping  
Safer/Alternative Products  
Spill Prevention, Control & Clean Up

##### BMPs

SC01 - 1, 2, 4  
SC02A - 1, 2  
SC02B - 1, 2, 3, 4, 5, 6, 7, 8, 11  
SC03 - 1, 2, 4, 5, 6, 7  
SC04 - 1, 2, 3, 5, 6  
SC06 - 1, 2, 3, 6, 7  
SC07 - 1, 2, 3, 7, 12  
SC08 - 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 13  
SC09 - 4, 7  
SC10 - 1, 2, 3, 4  
SC12 - 2, 3, 4, 5, 6, 7, 8, 9, 10, 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

\* Appendix B provides descriptions for each BMP category.



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**SAN DIEGO INTERNATIONAL AIRPORT**

**Flagship  
Operating Areas**

FIGURE

**E-16**

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## Frontier Airlines

<b>SIC Codes</b>	4512, 4522	<b>Contact Information</b>	
<b>Primary Activity</b>	Passenger Carrier	Fred Jones	Manager
<b>Drainage Areas</b>	08	<b>P</b> 6195428318	<b>C</b> 7185703794
<b>Nearest MS4 Inlet</b>	200 - 1000 ft.	fjones@wfs.aero	
<b>Address</b>	3665 North Harbor Dr. #223 San Diego, CA 92101	Samuel Schneider	Manager - Regional
		<b>P</b> 9545910868	
		samuel.schneider@flyfrontier.com	

### Facility Description and Activities

1. Pacific Aircraft Maintenance (Flightline) does maintenance on Frontier's GSE and aircraft.
2. No cargo operations are performed in San Diego.
3. Pacific Aircraft Maintenance (Flightline) conducts 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. The WFS manager is Fred Jones.
12. Frontier operates out of Gate 12. Frontier 95% use, Cartwright 5% use.
13. Frontier uses alternative products where possible: Simple Green products, and products identified as biodegradable.

### 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

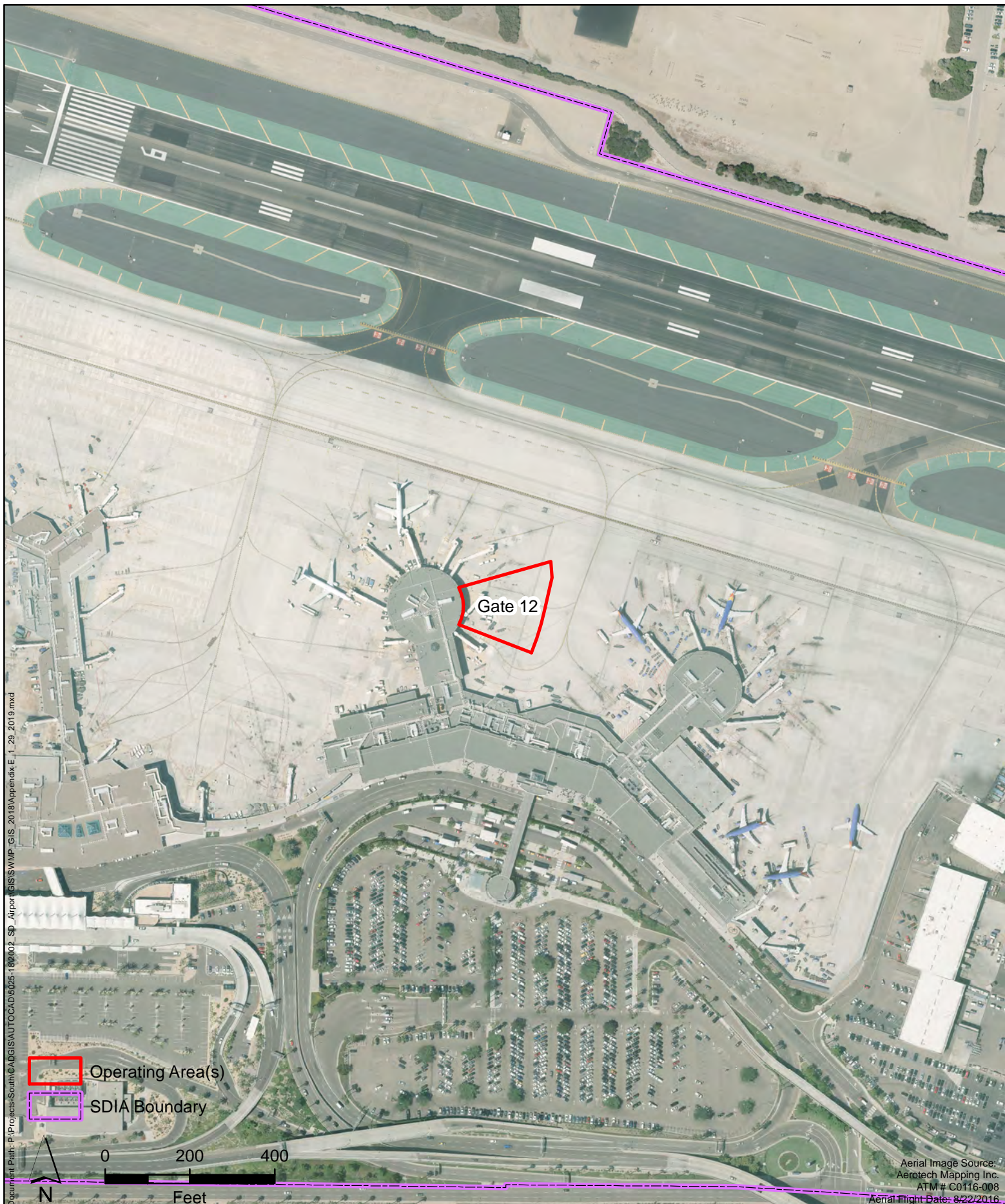
#### Activities

#### 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, 10, 11, 13
Aircraft, Ground Vehicle & Equipment Fueling	SC03 - 1, 2, 4, 5, 6, 8
Outdoor Loading/Unloading of Materials	SC06 - 1, 2, 3, 4, 6, 7
Outdoor Material Storage	SC07 - 1, 2, 3, 7, 11, 12, 13
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
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.





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**SAN DIEGO INTERNATIONAL AIRPORT**

**Frontier  
Operating Areas**

FIGURE

**E-17**



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## Hawaiian Airlines

<b>SIC Codes</b>	4512, 4522	<b>Contact Information</b>	
<b>Primary Activity</b>	Passenger Carrier	Lila Da Luz	Manager
<b>Drainage Areas</b>	15	<b>P</b> 6192780975	<b>C</b> 7605800553
<b>Nearest MS4 Inlet</b>	200 - 1000 ft.	lila.daluz@hawaiianair.com	
<b>Address</b>	3835 North Harbor Dr. Ste 127	Ken Sturgill	Vendor - Primary Contact
	San Diego, CA 92101	<b>P</b> 6192200164	<b>C</b> 7757710699
		ksturgill@atsstl.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. GES performs maintenance on vehicles and equipment and DGS 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. Primary Gate 51, alternate gate is 4
- 9.

### 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

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  
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, 3, 5  
SC06 - 1, 2, 3, 4, 6, 7  
SC07 - 1, 2, 3, 7, 11, 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 - 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.





PROJECT NO.:  
5025-18-2002

DATE:  
JANUARY 2019

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**SAN DIEGO INTERNATIONAL AIRPORT**

**Hawaiian  
Operating Areas**

FIGURE

**E-18**

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## High Flying Foods

<b>SIC Codes</b>	5812	<b>Contact Information</b>	
<b>Primary Activity</b>	Food & Beverage	Kimberly Hazard	Manager - Ops
<b>Drainage Areas</b>	08	<b>P</b> 8585310312	
<b>Nearest MS4 Inlet</b>		khazard@highflyingfoods.com	
<b>Address</b>	3225 North Harbor Dr.	Kat Dillenback	Assistant Manager
	San Diego, CA 92101	<b>P</b> 4135129193	<b>C</b> 4135129193
		kdillenback@highflyingfoods.com	

### Facility Description and Activities

1) Participates in the Airports compost program 2) Grease is picked up twice per week by Bradford 3) Does not operate any equipment 4) Bradford delivers products to T1 indoor/outdoor storage area at Gate 7 and T2 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

### 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

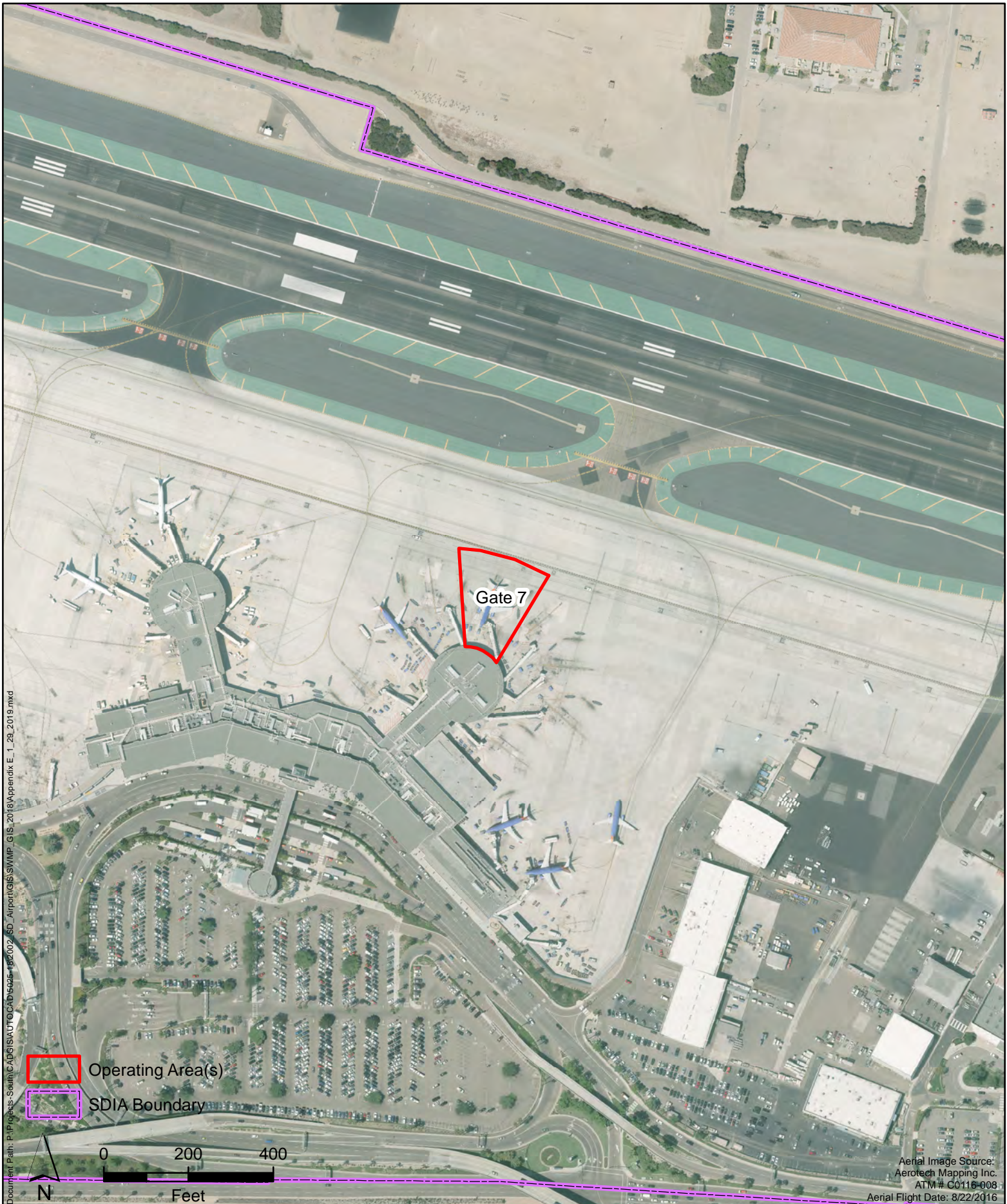
Non-Storm Water Management  
Outdoor Loading/Unloading of Materials  
Waste Handling & Disposal  
Employee Training  
Housekeeping  
Safer/Alternative Products  
Spill Prevention, Control & Clean Up

#### 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  
SC18 - 1, 2, 3, 4, 5, 6, 7, 8, 9  
SC19 - 1, 2  
SR01 - 1, 2, 3, 5, 6, 7, 10

\* Appendix B provides descriptions for each BMP category.





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**SAN DIEGO INTERNATIONAL AIRPORT**

**HFF  
Operating Areas**

FIGURE

**E-19**

Document Path: P:\Projects\SanDiego\GIS\AUTC\Dec05-18\2002 SD Airport\GIS\SWMP\_GIS\_2018\Appendix E\_1\_29\_2019.mxd

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## HMS Host

<b>SIC Codes</b>	5812	<b>Contact Information</b>	
<b>Primary Activity</b>	Food & Beverage	Gerald Eldred	Manager - General
<b>Drainage Areas</b>	08	<b>P</b> 6192315100	<b>C</b> 9099173527
<b>Nearest MS4 Inlet</b>	< 200 ft.	gerald.eldred@hmshost.com	
<b>Address</b>	3665 North Harbor Dr. San Diego, CA 92101	Donel Parsons	Manager - Ops
		<b>P</b> 6192315100	
		Donel.Parsons@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. One vehicle is used for maintenance, which is parked by Gate 11. It is maintained and fueled offsite.
  5. Small connex storage units are located outside between Gate 1 and 2. Additional indoor storage are located near Gates 48 and 25.
  6. Ameil Porta is the Terminal Operations Manager who is the point of contact for maintenance. (aporta@san.org). Jim DeCock (jdecoc@san.org ) is the point of contact regarding any concession questions.
  7. A1 Vent 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

Cleaning Solutions  
Food Waste  
Oil & Grease  
Recyclables  
Trash

### Best Management Practices Applicable to Facility

#### Activities

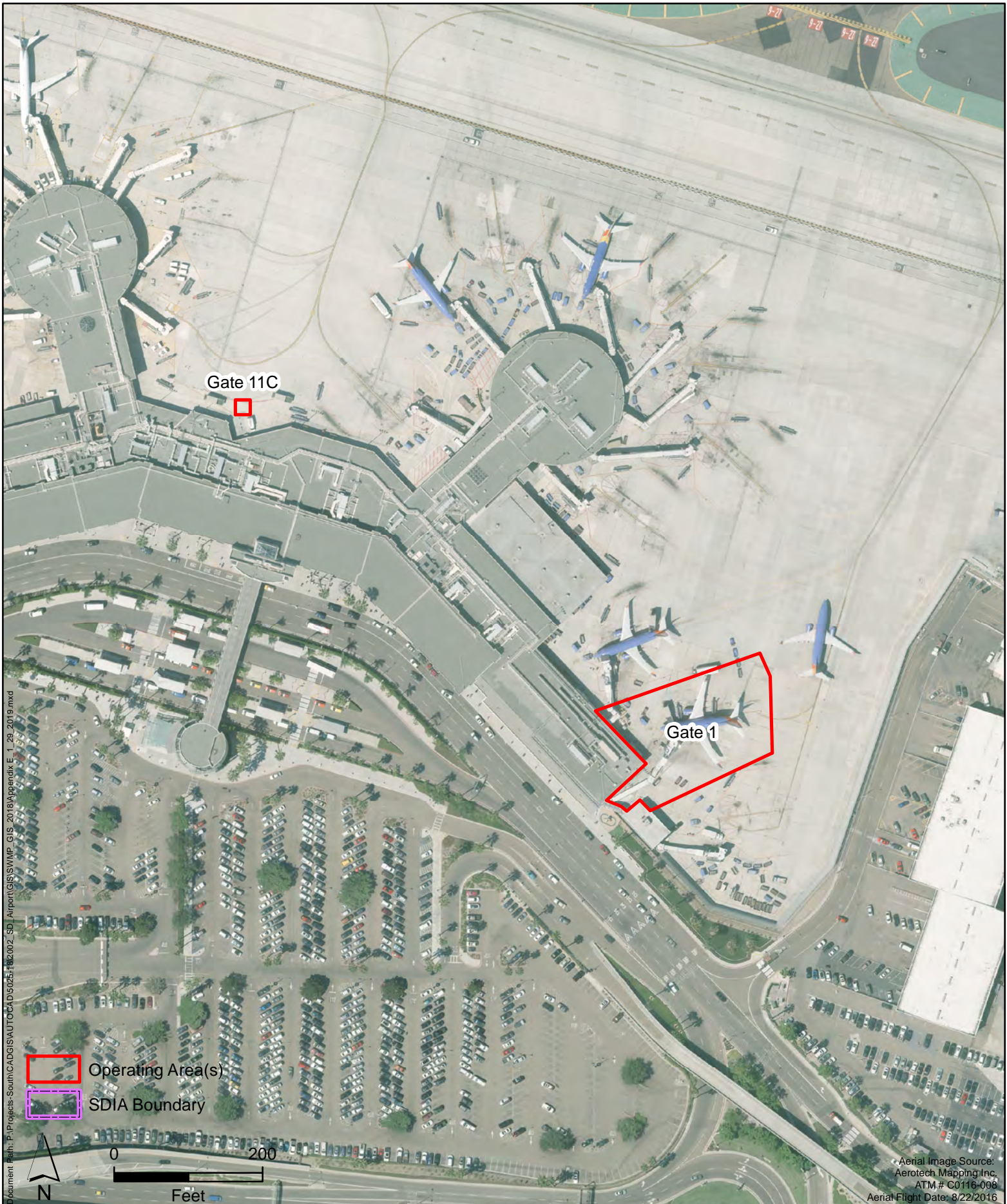
Non-Storm Water Management  
Outdoor Equipment Ops Maintenance Areas  
Aircraft, Ground Vehicle & Equipment Maintenance  
Outdoor Loading/Unloading of Materials  
Outdoor Material Storage  
Waste Handling & Disposal  
Employee Training  
Housekeeping  
Safer/Alternative Products  
Spill Prevention, Control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

#### BMPs

SC01 - 1, 2, 3, 4  
SC02A - 1, 2  
SC02B - 1, 2, 3, 4, 5, 6, 9, 10, 11, 12, 13  
SC06 - 1, 2, 3, 4, 6, 7  
SC07 - 1, 2, 3, 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.





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SAN DIEGO INTERNATIONAL AIRPORT

HMS Host  
Operating Areas

FIGURE

E-20

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## Japan Airlines

<b>SIC Codes</b>	4512	<b>Contact Information</b>	
<b>Primary Activity</b>	Passenger Carrier	Shiro Kamio	Manager - Station
<b>Drainage Areas</b>	15	<b>P</b> 6195740662	
<b>Nearest MS4 Inlet</b>	< 200 ft.	shiro.kamio@jal.com	
<b>Address</b>	3707 North Harbor Dr. #123 San Diego, CA 92101	Alan Nakai	Manager
		<b>P</b> 6195740549	<b>C</b> 6194819611
		alan_n_.nakai@jal.com	

### Facility Description and Activities

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

### 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  
Cleaning Solutions  
Fuel  
Fuel (Gas)  
Hydraulic Fluids  
Lavatory Chemicals  
Lavatory Truck Wash Water  
Lavatory Wastes  
Lubricants  
Oil & Grease  
Paints

### Best Management Practices Applicable to Facility

#### Activities

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

#### 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, 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, 11, 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
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.



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**SAN DIEGO INTERNATIONAL AIRPORT**

**JAL  
Operating Areas**

FIGURE

**E-21**

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## JetBlue Airways

**SIC Codes** 4512, 4522

**Primary Activity** Passenger Carrier

**Drainage Areas** 12

**Nearest MS4 Inlet** 200 - 1000 ft.

**Address** 3835 North Harbor Dr. #108  
San Diego, CA 92101

### Contact Information

Brian Zeugschmidt Manager - Station

**P** 6197250807 **C** 6197783808

brian.zeugschmidt@jetblue.com

Joseph Aguilera Supervisor

**P** 6197250807

joseph.aguilera@jetblue.com

### Facility Description and Activities

1. JetBlue owns two stairs trucks that run off of diesel.
2. GAT is a subtenant that provides ground handling services. They manage lavatory operations and trash disposal.
3. No cargo operations are performed in San Diego anymore.
4. WFS (previously Certified Aviation Services) is contracted for ground vehicle and equipment maintenance.
5. A small amount of significant materials are stored in a flammable material storage room located between Gate 37 and Gate 38. JetBlue is certified by the City as a small quantity generator.
6. 3E provides all MSDS information for go/no go items collected from travelers.
7. A spill kit is located between Gate 36 and Gate 37.
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. Primary gate is 36 and secondary gate is 34. Gate 33 is used overnight
11. Five flights are scheduled daily between 11:00 AM and 10:30 PM.
12. Tires are stored outdoors with tarps over them.

### 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

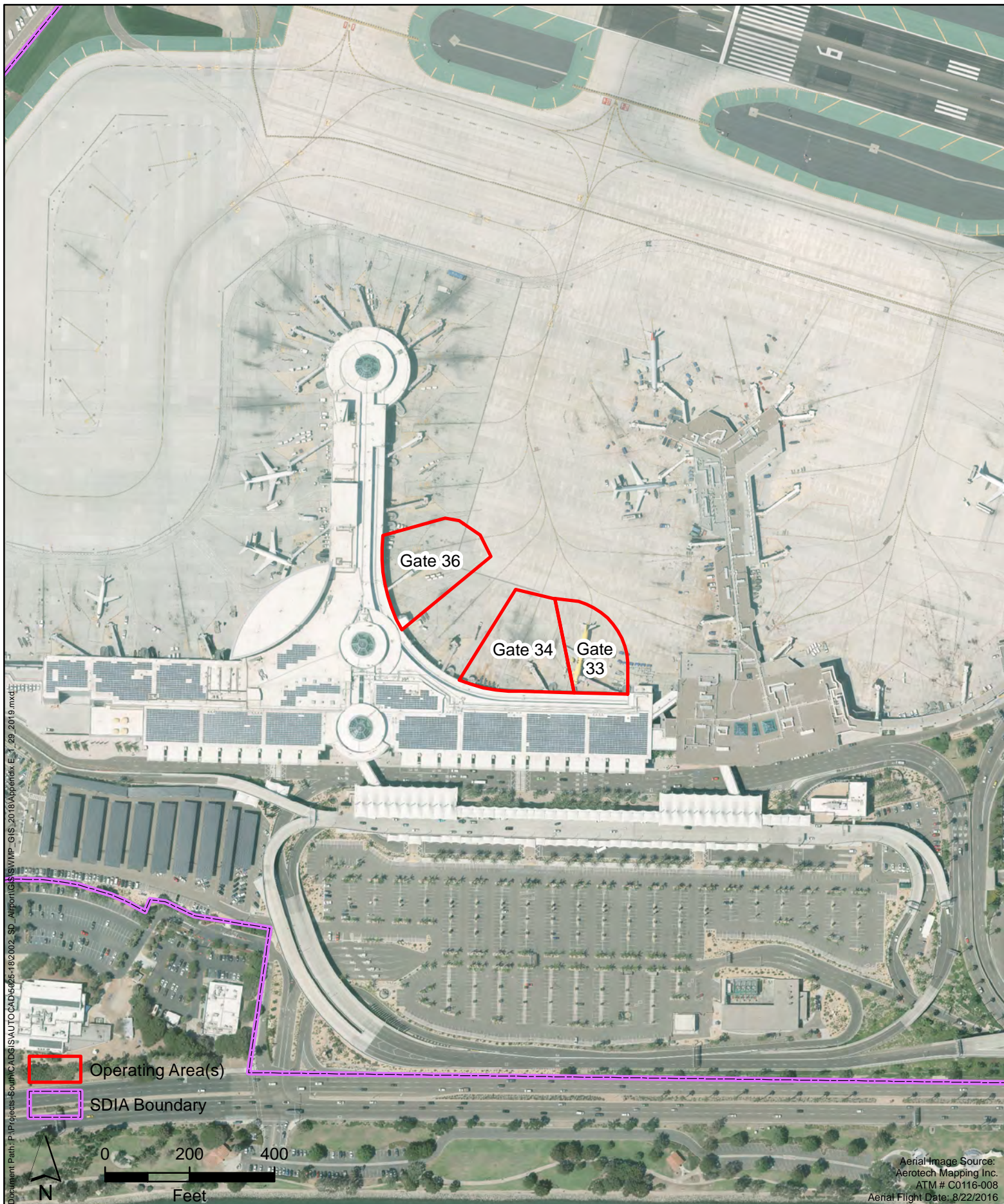
#### BMPs

SC01 - 1, 2, 4, 7  
SC02A - 1, 2  
SC02B - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

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, 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
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.





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JANUARY 2019

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SAN DIEGO INTERNATIONAL AIRPORT

JetBlue  
Operating Areas

FIGURE

E-22



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## Lufthansa

**SIC Codes** 4512, 4522  
**Primary Activity** Passenger Carrier  
**Drainage Areas** 15  
**Nearest MS4 Inlet** < 200 ft.  
**Address** 3835 N. Harbor Drive Suite 134  
San Diego, CA 92110

**Contact Information**  
Oliver Maatsch Manager - Station  
**P** 3103079174  
oliver.maatsch@dlh.de  

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ShahRukh Rahman Duty Manager  
**P** 6194522205 **C** 4087025934  
shahrukh.rahman@dlh.de

### Facility Description and Activities

- Created: 8/20/2018 5:38:27 PM
1. Tenant has 3 employees.
  2. Flight support is provided by Nevada Air Service.
  3. Fueling is conducted by Menzies.
  4. Tenant operates out of Gate 51 at 5x per week.
  5. Tenant uses Hallmark for passenger services.
  6. Tenant uses LSG for catering.
  7. SAS is used for wheelchair assistance.
  8. Dnata conducts all ground handling services.
  9. Maintenance is conducted by USAS, AAS, CAS, CaAS, LLC.

### 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  
Food Waste  
Fuel  
Fuel (Gas)  
Fuel (Jet)  
Hydraulic Fluids  
Lavatory Truck Wash Water  
Lavatory Wastes  
Lubricants  
Metals  
Oil & Grease  
Paints  
Rust Preventer  
Solvents  
Transmission Fluid  
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, 10, 11, 12, 13
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, 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, 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.





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JANUARY 2019

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**SAN DIEGO INTERNATIONAL AIRPORT**

**Lufthansa  
Operating Areas**

FIGURE

**E-23**

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## Menzies Aviation

**SIC Codes** 4581

**Primary Activity** Fueling Services

**Drainage Areas** 06, 07, 08, 12, 15

**Nearest MS4 Inlet** < 200 ft.

**Address** 2340 Stillwater Rd.  
San Diego, CA 92101

### Contact Information

Barry Lopez                      Manager - General

**P** 6193296110                      **C** 6192506916

barry.lopez@menziesaviation.com

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John Soto                      Supervisor

**P** 6193296113                      **C** 6192090033

john.soto@menziesaviation.com

### Facility Description and Activities

1. Menzies main office and shop is located east of the cargo area next to the American Airlines maintenance shop.
2. Vehicle maintenance is conducted inside Maintenance Shop. Tenant has implemented a Vehicle Discrepancy Report (VDR) to identify leaking truck and to minimize the amount of vehicles may be leaking during fueling.
3. Waste accumulation areas are located inside 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. One onsite storm drain inlet drains to OWS. The Authority is responsible for maintenance.
6. Menzies operates 16 refueling Jet A trucks, and the capacity of the tanks range from 7,000 to 10,000 gallons. Three other vehicles include a gasoline truck, a bio diesel truck, and a split diesel/gasoline tanker.
7. Refueling trucks fueled at the Allied remote fueling facility.
8. Two eyewash stations - one indoors and one in parking lot.
9. Vehicles are washed weekly at the wash rack, which is bermed and connect to the sanitary sewer.
10. Asbury Environmental picks up oil and coolant waste. HTS (Hazardous Transportation Services) picks up all other waste.
11. Initial and annual refresher training for employees. Airlines provide their training so Menzies personnel follow fueling procedures and safety protocols.
12. Sweeping is performed Wednesday afternoon.
13. Tenant has a Storm Water Pollution Prevention Plan, and a Spill Prevention, Control, and Countermeasure Plan.
14. Tenant uses the emergency response companies Ocean Blue.
15. Cintas is the vendor that removes the used oil rags from the Menzies maintenance shop.
16. San Diego Mobile Welding is called for heavy maintenance.

### 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  
Vehicle parking

#### Potential Pollutants

Adhesives  
Anti Freeze  
Battery Acid  
Brake Fluid  
Cleaning Solutions  
Coolant  
Degreasers (Citrus based)  
Fuel  
Fuel (Gas)  
Fuel (Jet)  
Fuel (Sump)  
Hydraulic Fluids  
Lubricants  
Metals



Oil & Grease  
Paints  
Transmission Fluid  
Trash

#### Best Management Practices Applicable to Facility

##### Activities

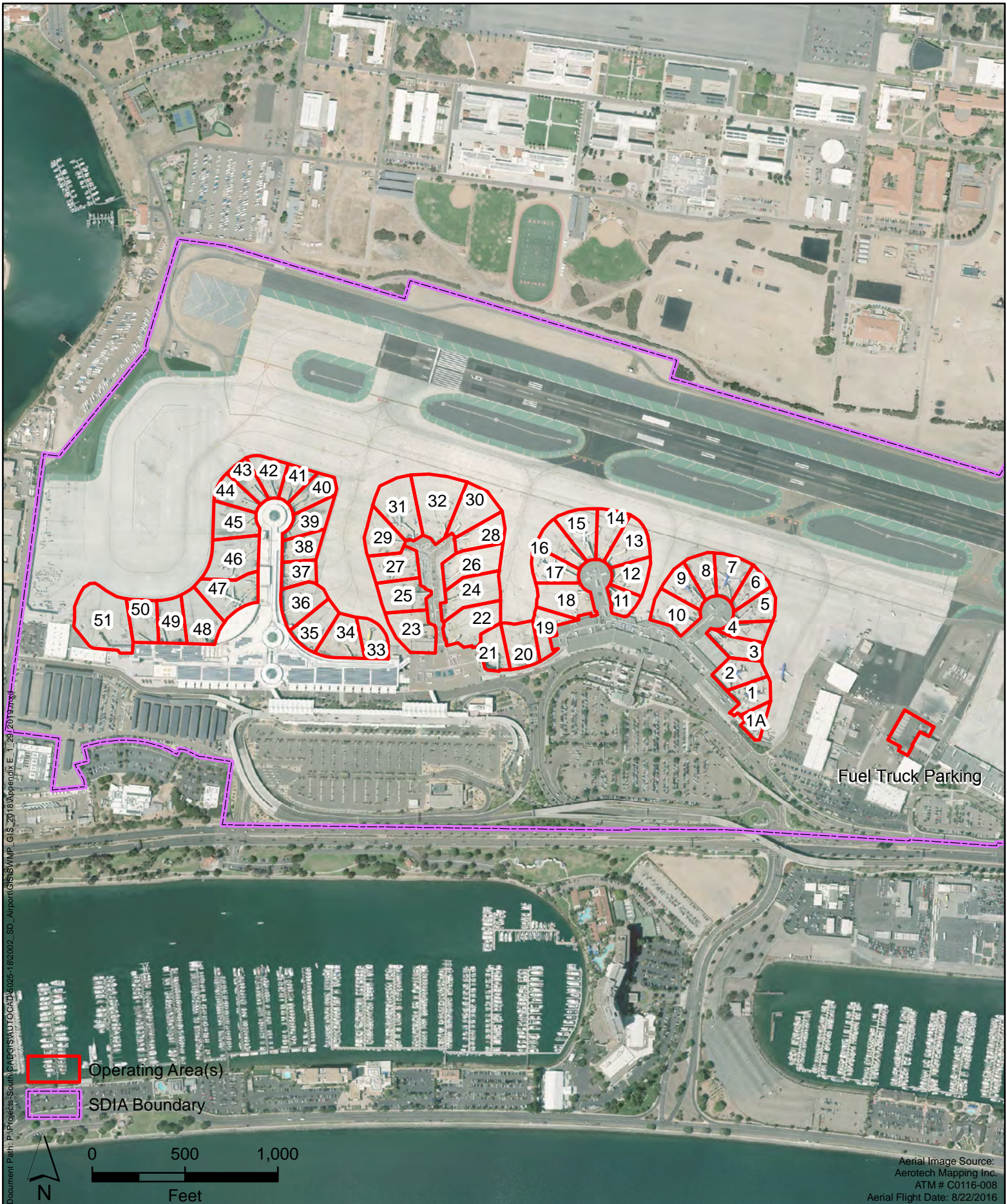
Non-Storm Water Management  
Outdoor Equipment Ops Maintenance Areas  
Aircraft, Ground Vehicle & Equipment Maintenance  
Aircraft, Ground Vehicle & Equipment Fueling  
Aircraft, Ground Vehicle & Equipment Cleaning  
Outdoor Loading/Unloading of Materials  
Outdoor Material Storage  
Waste Handling &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

##### 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  
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

\* Appendix B provides descriptions for each BMP category.





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**SAN DIEGO INTERNATIONAL AIRPORT**

**Menzies  
Operating Areas**

FIGURE

**E-24**

Aerial Image Source:  
Aerotech Mapping Inc.  
ATM # C0116-008  
Aerial Flight Date: 8/22/2016

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## Mission Yogurt

**SIC Codes** 5812

**Primary Activity** Food & Beverage

**Drainage Areas** 08

**Nearest MS4 Inlet**

**Address** 3225 North Harbor Dr.  
San Diego, CA 92101

### Contact Information

Rob Ziemer Manager - General

C 8583348333

rob.ziemer2@gmail.com

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### 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 and to level 1 door at T1.
6. A member of the Green Concessions Program since 201
- 7.

### Significant Materials/Activities Potentially Exposed to Storm Water

#### Potential Pollutant Sources

Material loading/unloading

Outdoor waste storage

Trash collection

#### Potential Pollutants

Food Waste

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, 6

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

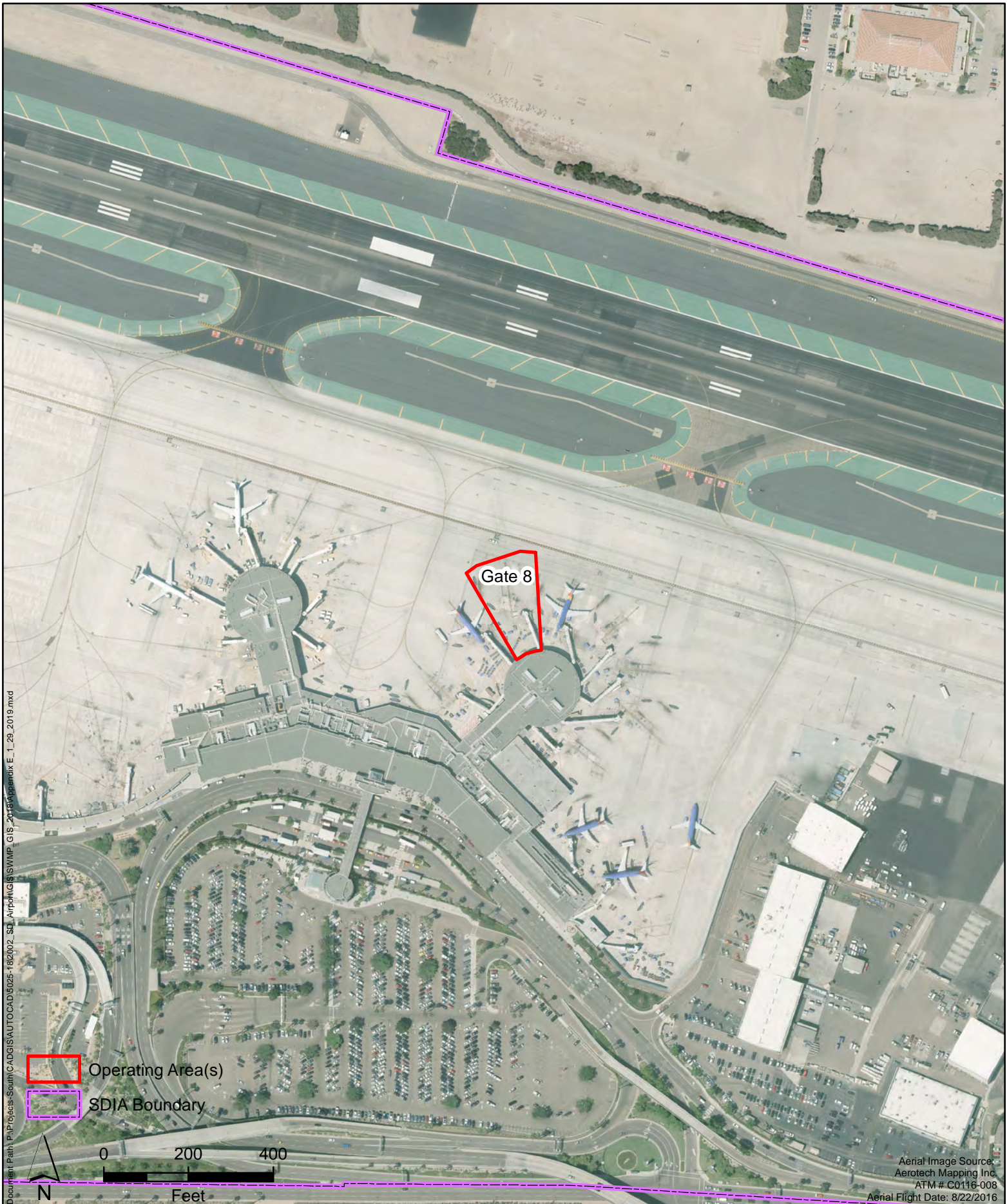
SC10 - 1, 2, 3, 4

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.



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**SAN DIEGO INTERNATIONAL AIRPORT**

**Mission Yogurt  
Operating Areas**

FIGURE

**E-25**

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# San Diego County Regional Airport Authority

<b>SIC Codes</b>	4581	<b>Contact Information</b>	
<b>Primary Activity</b>	Facility Maintenance	Tom Covey	Supervisor - Maintenance
<b>Drainage Areas</b>	01, 03, 05, 06, 07, 08, 09, 15	P 6194002753	
<b>Nearest MS4 Inlet</b>	< 200 ft.	tcovey@san.org	
<b>Address</b>	3835 North Harbor Dr. San Diego, CA 92101	Michael Threadgill	Supervisor
		P 6194002741	
		mthreadg@san.org	

## Facility Description and Activities

1. Road sweeping: Cannon Pacific is contracted to sweep the roads into and out of the airport Monday through Friday, 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 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 two weeks. Some areas are swept twice in a week on request. Two machines operate on Regen-Air technology. Sweeping equipment is inspected monthly by GES 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 6-8 weeks since the new runway rehabilitation project is in progress, but will resume to every 4 weeks after project completion depending on skidometer testing results. 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 Allied Aviation's main jet fuel tank storage area, 1 in Allied Aviation's remote fueling station, and 3 in Conrac's service yard are tenant maintained. The remaining 4 oil water separators are maintained by the Authority: 2 on the north ramp, 1 on the Commuter Terminal Ramp, 1 downstream of Menzies' maintenance facility. The oil water separator on the west ramp north of Terminal 2 West has been removed due to construction. 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 201
6. The 2017-2018 treatment control BMP inspections were completed in June 2018 and the report was completed thereafter, requiring maintenance of all the OWS. 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 Ocean Blue 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. United Stormwater 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 2018 and a TCBMP required maintenance report was generated by Environmental Affairs. Maintenance of Authority-owned TCBMPs are performed by FMD and their contractors. Tenant-owned TCBMPs are maintained by the responsible tenant.

9. Fire hydrant flushing: The Airport Authority is responsible for fire hydrant flushing at the airport once a year.

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 (Shop 2 on Winship Lane). Pesticides, diesel, gasoline, and turpentine are stored in flammable materials storage lockers near the runway generator area east of the Commuter Terminal, and paints and a non-skid spray for metal steps are stored in a metal shed in the boneyard. Metal parts and other materials are stored in the boneyard and near the runway generator area east of the Commuter Terminal and covered in shop 2, not all are covered and on pallets.

14. Vehicle maintenance is conducted by GES for all Authority Vehicles. GES 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 four places: Maintenance shop at 2412, 2415 and 2417 Winship Lane, the Commuter Terminal and the valet lot by Gate P18. 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 in shop 1 or in the specific trades shops (shop 2).

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 glassbead laydown.

### 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  
 Outdoor waste storage  
 Pesticide usage  
 Ramp/Taxiway scrubbing  
 Runway rubber removal  
 Tank fuel transfer  
 Trash collection  
 Vehicle parking  
 Water/Fuel mixture within berm

#### Potential Pollutants

Acetone  
 Adhesives  
 Asphalt Debris  
 Battery Acid  
 Caulking  
 Cement  
 Cleaning Solutions  
 Coolant  
 Degreasers (Citrus based)  
 Food Waste  
 Fuel  
 Hydraulic Fluids  
 Landscape Wastes  
 Lavatory Chemicals  
 Lavatory Wastes  
 Lubricants  
 Metals  
 Oil & Grease  
 Paints  
 Pesticides/Herbicides  
 Purple K  
 Recyclables  
 Rubber Particulates  
 Rust Preventer  
 Sealants  
 Solvents  
 Transmission Fluid  
 Trash  
 Turpentine



## 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  
Runway Rubber Removal  
Parking Lots  
Drainage System Maintenance  
Housekeeping  
Safer/Alternative Products  
Erodible Areas  
Building Repair & Construction  
Spill Prevention, Control & Clean Up  
Structural Treatment Control BMPs

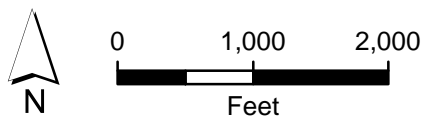
## BMPs

SC01 - 1, 2, 3, 4, 5, 6, 7, 8, 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, 7, 8, 9  
SC03 - 1, 2, 3, 4, 5, 6  
SC04 - 1, 2, 3, 5, 6, 8  
SC06 - 1, 2, 3, 4, 6, 7  
SC07 - 1, 2, 3, 4, 6, 7, 8, 9, 10, 11, 12, 13  
SC08 - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14  
SC09 - 1, 2, 3, 5, 6, 8, 9  
SC10 - 1, 2, 3, 4  
SC11 - 1, 2, 3, 4, 7, 12, 13  
SC12 - 1, 2, 3, 4, 5, 7, 8, 9, 11, 12  
SC15 - 1, 2, 3, 4  
SC16 - 1, 2, 3, 4, 5, 6, 12  
SC17 - 1, 2, 3, 4, 5, 6, 7  
SC18 - 1, 2, 3, 4, 5, 6, 7, 8, 9  
SC19 - 1, 2  
SC20 - 1, 2, 3, 4, 5, 6  
SC21 - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16  
SR01 - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10  
TC01 - 1, 2, 3, 4


\* Appendix B provides descriptions for each BMP category.



 SDCRAA  
 SDIA Boundary



Aerial Image Source:  
 Aerotech Mapping Inc.  
 ATM # C0116-008  
 Aerial Flight Date: 8/22/2016

PROJECT NO.: 5025-18-2002 DATE: JANUARY 2019 DRAWN BY: CAB CHECKED BY: AA/NP		SAN DIEGO INTERNATIONAL AIRPORT  SDCRAA Operating Areas	FIGURE  E-26
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## Siemens

<b>SIC Codes</b>	4581	<b>Contact Information</b>	
<b>Primary Activity</b>	Facility Maintenance	Matt LeBrun	Manager
<b>Drainage Areas</b>	08, 12, 15	<b>P</b> 7609165064	<b>C</b> 7604455386
<b>Nearest MS4 Inlet</b>	< 200 ft.	matt.lebrun@siemens.com	
<b>Address</b>	3225 North Harbor Dr. San Diego, CA 92101	David Butler	Manager - Ops
		<b>P</b> 6198781499	<b>C</b> 6193734005
		d.butler@avairprosservices.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. Flagship is contracted to wash the jet bridges two times annually
3. Siemens maintains ticket counter and bag room belt systems. 5. Training is carried out by the corporate office, based out of Dallas, TX. 6. SANCO manages the contract and compliance for Siemens and Flagship. They do not directly oversee ground activities. 7. All materials are stored indoors in locked cabinets under T2 West. 8. Some equipment and golf carts are battery operated. Batteries are charged with a portable external battery that shuts off automatically when fully charged. 9. All vehicles and equipment are maintained and washed offsite. 10. 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. 11. All airside baggage claim areas are swept once a week.

### Significant Materials/Activities Potentially Exposed to Storm Water

#### Potential Pollutant Sources

Equipment storage  
Fluid leaks  
Trash collection

#### Potential Pollutants

Battery Acid  
Cleaning Solutions  
Fire Fighting Foam  
Fuel  
Lubricants  
Oil & Grease  
Paints  
Trash

### Best Management Practices Applicable to Facility

#### Activities

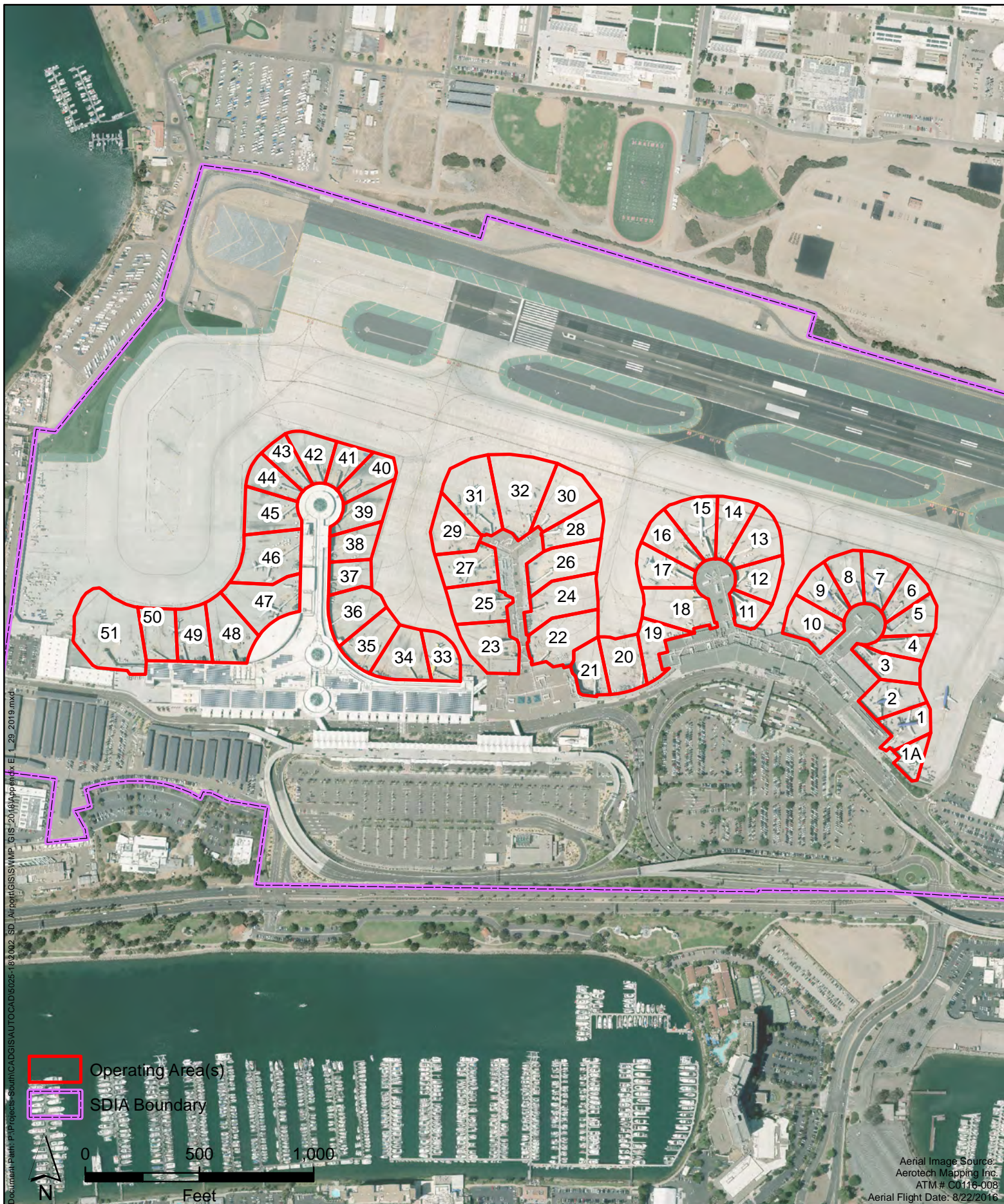
Non-Storm Water Management  
Aircraft, Ground Vehicle & Equipment Maintenance  
Electric Vehicle Maintenance  
Waste Handling & Disposal  
Employee Training  
Housekeeping  
Safer/Alternative Products  
Spill Prevention, Control & Clean Up

#### BMPs

SC01 - 1, 2, 4  
SC02B - 1, 2, 3, 4, 5, 6, 10, 11, 13  
SC02C - 1, 2, 3, 4, 5, 6, 8, 9  
SC08 - 1, 2, 3, 4, 8, 9, 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

\* Appendix B provides descriptions for each BMP category.





- Operating Area(s)
- SDIA Boundary



Aerial Image Source:  
Aerotech Mapping Inc.  
ATM # C0116-008  
Aerial Flight Date: 8/22/2016

PROJECT NO.:  
5025-18-2002

DATE:  
JANUARY 2019

DRAWN BY:  
CAB

CHECKED BY:  
AA/NP



**SAN DIEGO INTERNATIONAL AIRPORT**

**Siemens  
Operating Areas**

FIGURE

**E-27**

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## Signature Flight Support

<b>SIC Codes</b>	4512, 4522	<b>Contact Information</b>	
<b>Primary Activity</b>	Corporate General Aviation	Reginald Bridges	Assistant Manager
<b>Drainage Areas</b>	01, 03	<b>P</b> 6192470296	
<b>Nearest MS4 Inlet</b>	200 - 1000 ft.	Reginald.Bridges@signatureflight.com	
<b>Address</b>	3300 Admiral Boland Way San Diego, CA 92101	Manny Fernandez	Supervisor - Maintenance
		<b>P</b> 8189037478	
		Manny.Fernandez@signatureflight.com	

### Facility Description and Activities

\*\*\*\* Signature previously know 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 duel 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) Asbury Environmental collects waste oil. Allied Aviation collect unused unleaded gasoline, jet fuel and diesel for recycling. Oil Recycling collects absorbent with oil. (Company may change to Safety Kleen after the move). 9) Eye wash stations and showers located in all 5 hangars 10) Jet Wash no longer does business here and 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 Allied at the rack as needed. Most equipment is now electric. 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 14) CAS is a subtenant to Signature.

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

#### Potential Pollutants

Anti Freeze  
Battery Acid  
Cleaning Solutions  
Fertilizers  
Floatables  
Food Waste  
Fuel  
Fuel (Diesel)  
Fuel (Gas)  
Fuel (Jet)  
Hydraulic Fluids  
Lavatory Chemical Wastes  
Lavatory Chemicals  
Lavatory Wastes  
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

\* Appendix B provides descriptions for each BMP category.

## 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





PROJECT NO.:  
5025-18-2002

DATE:  
JANUARY 2019

DRAWN BY:  
CAB

CHECKED BY:  
AA/NP

**wood.**

**SAN DIEGO INTERNATIONAL AIRPORT**

**Signature  
Operating Areas**

FIGURE

**E-28**



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## Southwest Airlines

<b>SIC Codes</b>	4512, 4522	<b>Contact Information</b>	
<b>Primary Activity</b>	Passenger Carrier	George Parker	Supervisor - Maintenance
<b>Drainage Areas</b>	07, 08, 09	P 6192983005	
<b>Nearest MS4 Inlet</b>	< 200 ft.	george.parker@wnco.com	
<b>Address</b>	3665 North Harbor Dr. T1 San Diego, CA 92101	Edward Martin P 6196104616 edward.martin@wnco.com	Manager - Maintenance C 6195726400

### Facility Description and Activities

1. Most ground support equipment and vehicle maintenance (including painting) is conducted inside the Maintenance Shop. Some minor vehicle and ground support equipment maintenance is performed on ramp by Executive Air, a subtenant to Southwest.
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 Gates 1 and 10. These bins contain absorbents, brooms, shovels, and disposal drums.
6. 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 Maintenance Shop.
9. Hazardous wastes are picked up every 3 months. Safety Kleen recycles oil, Toxguard recycles antifreeze, and Nexeo Solutions collects all other hazardous wastes.
10. ABM Services, a subtenant to Southwest, performs cabin services for Southwest and other airlines.
11. Executive Air (now called PAM/Flightline), a subtenant to Southwest, performs aircraft maintenance for various airlines at the gate areas.
12. Southwest is at Gates 1A through 11 at T1.
13. Southwest performs deicing at the gates. At gates 4, 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.

### 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  
Trash collection  
Vehicle parking

#### Potential Pollutants

Anti Freeze  
Battery Acid  
Carburetor Cleaner  
Cleaning Solutions  
Deicing/Anti-Icing Fluids  
Food Waste  
Fuel  
Hydraulic Fluids  
Lavatory Chemicals  
Lavatory Wastes  
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  
Parking Lots  
Housekeeping  
Safer/Alternative Products  
Spill Prevention, Control & Clean Up

##### BMPs

SC01 - 1, 2, 3, 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  
SC04 - 1, 2, 3, 5  
SC05 - 1, 2, 3, 4  
SC06 - 1, 2, 3, 4, 6, 7  
SC07 - 1, 2, 3, 4, 7, 11, 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  
SC12 - 2, 12  
SC14 - 1, 2, 3  
SC16 - 1, 2, 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

\* Appendix B provides descriptions for each BMP category.





Document Path: P:\Projects\South C\SDISA\AUTOCAD\DWG\5025-18-2002-SD ISA\DWG\SWMP\_GIS\_2016\Appendix E\_1-29\_019.mxd

Aerial Image Source:  
Aerotek Mapping Inc.  
ATM # C0116-008  
Aerial Flight Date: 8/22/2016

PROJECT NO.:	5025-18-2002
DATE:	JANUARY 2019
DRAWN BY:	CAB
CHECKED BY:	AA/NP



# SAN DIEGO INTERNATIONAL AIRPORT

## Southwest Operating Areas

FIGURE

E-29

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## SP Plus Corporation

<b>SIC Codes</b>	4173	<b>Contact Information</b>	
<b>Primary Activity</b>	Parking Lot Management	Daniel Murray	Manager - General
<b>Drainage Areas</b>	05, 08	<b>P</b> 6193080046	<b>C</b> 3304215168
<b>Nearest MS4 Inlet</b>	< 200 ft.	dmurray1@spplus.com	
<b>Address</b>	3225 North Harbor Dr. San Diego, CA 92101	Nicole Thomas	Manager - Ops
		<b>P</b> 6193080046	
		nthomas@spplus.com	

### Facility Description and Activities

Created: 5/31/2018 2:26:29 PM

1. Spill kit (kitty Litter) is available and stored in the Supervisor vehicle & Office Storage on site.
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 1 Full Time Utility worker that inspects and cleans the yard. Landscaping/Janitorial services will be performed daily/monthly by Aztec Landscaping Inc starting August 1, 2018.
4. SP+ Fleet consists of 30 CNG 40" Transit Buses. Since September 7, 2018, the fleet was updated to 16 CNG El Dorado 40" Transit Buses & 14 CNG Gillig 40" Transit Buses.
5. CNG Fueling is performed at Shell Station on India Street. 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" 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. 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 conducted by Precision Fleet Washing. Their headquarters is 5175 Riverview Ct. Fallbrook, CA 92028. 24 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

<u>Potential Pollutant Sources</u>	<u>Potential Pollutants</u>
Drainage system maintenance	Coolant
Fluid leaks	Fuel
Outdoor apron washdown	Fuel (Diesel)
Outdoor waste storage	Hydraulic Fluids
Ramp/Taxiway scrubbing	Oil & Grease
Trash collection	Rubber Particulates
Vehicle parking	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, 4, 5, 6, 7, 8, 11, 12, 13
Aircraft, Ground Vehicle & Equipment Cleaning	SC04 - 1, 2, 3, 4, 5, 6, 7, 8, 9
Outdoor Material Storage	SC07 - 1, 2
Waste Handling & Disposal	SC08 - 1, 2, 3, 4, 5, 7, 8, 9, 10, 11, 12, 14
Employee Training	SC10 - 1, 2, 3, 4
Outdoor Wash down/Sweeping	SC12 - 1, 2, 3, 5, 6, 7, 8, 9, 12
Parking Lots	SC16 - 1, 2, 4, 6, 11, 12
Drainage System Maintenance	SC17 - 1, 2, 5, 6, 7
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, 10

\* Appendix B provides descriptions for each BMP category.



PROJECT NO.:  
5025-18-2002

DATE:  
JANUARY 2019

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SAN DIEGO INTERNATIONAL AIRPORT

SP Plus  
Operating Areas

FIGURE

E-30

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## Spirit Airlines

<b>SIC Codes</b>	4512, 4581	<b>Contact Information</b>	
<b>Primary Activity</b>	Passenger Carrier	Craig Browning	Manager - Station
<b>Drainage Areas</b>	08, 12	<b>P 6197722615</b>	
<b>Nearest MS4 Inlet</b>	< 200 ft.	craig.browning@spirit.com	
<b>Address</b>	3707 North Harbor Dr. #227	Joseph Hearn	Manager
	San Diego, CA 92101	<b>P 6192942107</b>	<b>C 6194176356</b>
		joseph.hearn@gatags.com	

### Facility Description and Activities

1. FOD walks are performed before and after each flight and a FOD bucket is kept on the stairs. FOD walks are performed before, during, and after each flight.
2. Operate primarily out of Gate 33 for domestic flights and Gate 20 and 22 for international flights.
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 3 days of the week, and 7 daily flights 4 days a week. International flights run 3 days/week.
6. Menzies conducts fueling and handles any spills.
7. No washing, deicing, hazmat, or cargo.
8. Spirit has required training (which is done at headquarters or online) that covers spill prevention. GAT receives storm water training through JetBlue.
9. One GAT cart is stored at Gate 33 with supplies for on the plane (tp, paper towels, cleaning supplies) and one tow bar is also stored at Gate 33.
10. Only one Spirit employee at San Diego location. Employees at the front ticket counter are working through GAT.
11. LSG collects trash from GAT's collection for international flights, and disposes via incineration. This occurs on a daily frequency.
12. All equipment and vehicles are owned by GAT. GAT previously conducted the maintenance for the ground service equipment. The mechanic left during 2016, and now all maintenance is being conducted by GES.

### 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)  
Fuel (Jet)  
Hydraulic Fluids  
Lavatory Chemicals  
Lavatory Truck Wash Water  
Lavatory Wastes  
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  
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  
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.





PROJECT NO.:  
5025-18-2002

DATE:  
JANUARY 2019

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SAN DIEGO INTERNATIONAL AIRPORT

**Spirit  
Operating Areas**

FIGURE

**E-31**



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## SSP

<b>SIC Codes</b>	5812	<b>Contact Information</b>	
<b>Primary Activity</b>	Food & Beverage	Ed Hartless	Director of Operations
<b>Drainage Areas</b>	08, 12	<b>P</b> 6192970095	<b>C</b> 6192003850
<b>Nearest MS4 Inlet</b>	200 - 1000 ft.	ed.hartless@foodtravelexperts.com	
<b>Address</b>	3225 North Harbor Dr. San Diego, CA 92101	Mario Donato	Manager - Ops
		<b>P</b> 6192447590	mario.donato@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.
3. Flagship picks up waste, recycling, and compost directly from stores. SSP uses 2 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 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

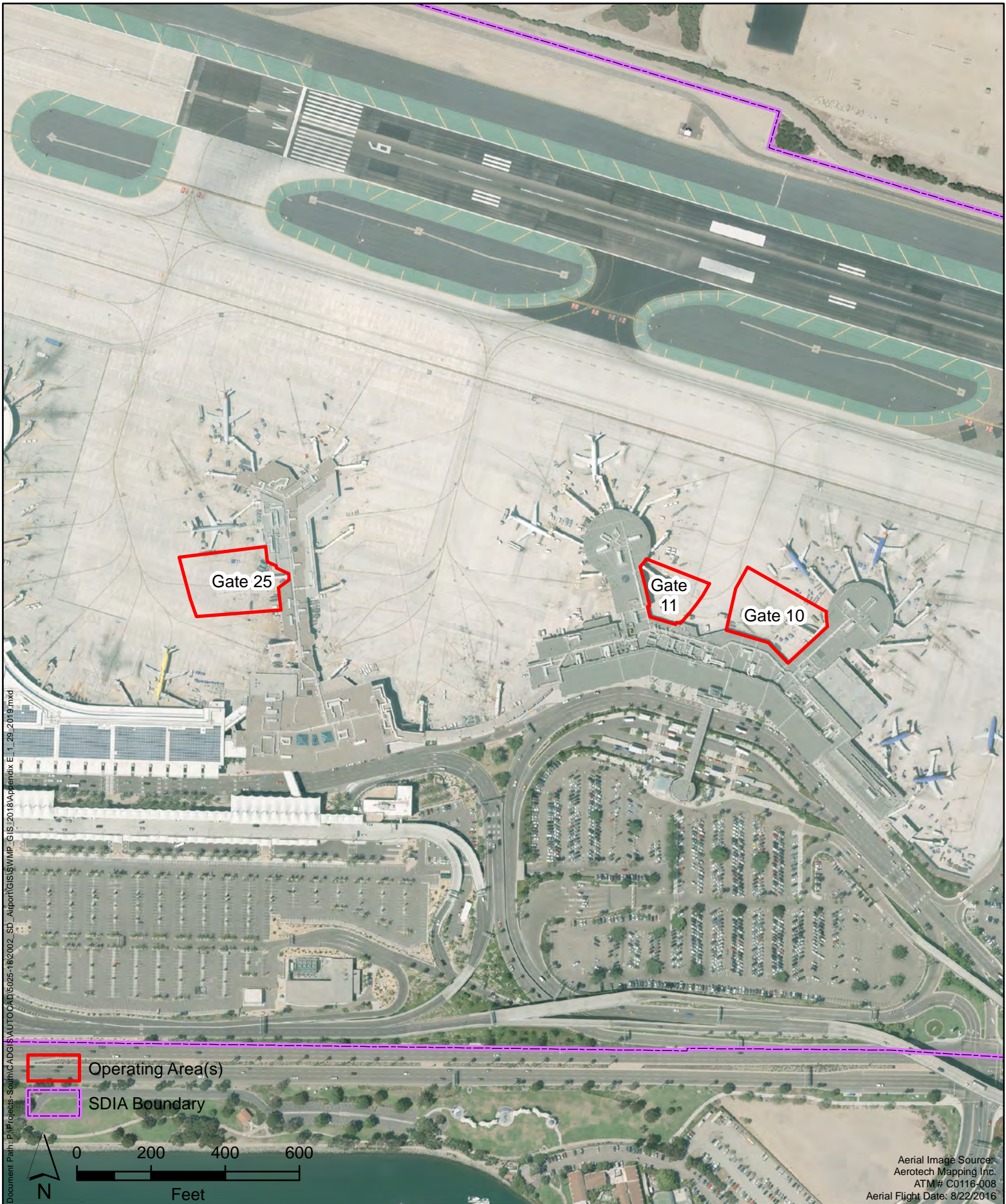
Non-Storm Water Management  
Outdoor Equipment Ops Maintenance Areas  
Aircraft, Ground Vehicle & Equipment Maintenance  
Electric Vehicle Maintenance  
Aircraft, Ground Vehicle & Equipment Cleaning  
Outdoor Loading/Unloading of Materials  
Outdoor Material Storage  
Waste Handling & Disposal  
Employee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

#### BMPs

SC01 - 1, 2, 4  
SC02A - 1, 2  
SC02B - 1, 4, 5, 6  
SC02C - 1, 2, 3, 4, 5, 6, 7, 8, 9  
SC04 - 1, 2  
SC06 - 1, 2, 3, 6, 7  
SC07 - 1, 2, 3, 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.





PROJECT NO.:  
5025-18-2002

DATE:  
JANUARY 2019

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**SAN DIEGO INTERNATIONAL AIRPORT**

**SSP  
Operating Areas**

FIGURE

**E-32**



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## Sun Country Airlines

<b>SIC Codes</b>	4512, 4522	<b>Contact Information</b>	
<b>Primary Activity</b>	Passenger Carrier	Darwin Schussler	Manager - Station
<b>Drainage Areas</b>	08, 09 , 12		
<b>Nearest MS4 Inlet</b>	< 200 ft.		
<b>Address</b>	3835 North Harbor Dr. #107 San Diego, CA 92101	Philip Wasson P 6193159105 pwasson@avportsvcs.com	Manager - Station

### Facility Description and Activities

1. Operate out of Gates 21.
2. Separate from Delta as of May 1, 2015.
3. Fueling performed by Menzies.
4. APS performs equipment maintenance.
5. Trash and recycling is collected by Flagship.
6. Executive Air/Pacific Aircraft Maintenance performs aircraft maintenance.
7. GES performs ground equipment services and maintenance.
8. Luggage handling is performed by Siemens.
9. January-March 2017, Sun Country will conduct flights four days per week (Thursday, Friday, Sunday, Monday). There will be one flight per day.
10. Starting September 2016, Sun Country will return to conducting flights 6 days per week.

### 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  
Outdoor waste storage  
Trash collection

#### Potential Pollutants

Anti Freeze  
Battery Acid  
Cleaning Solutions  
Fuel  
Fuel (Diesel)  
Lavatory Chemical Wastes  
Lavatory Chemicals  
Lavatory Wastes  
Lubricants  
Oil & Grease  
Paints  
Solvents  
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

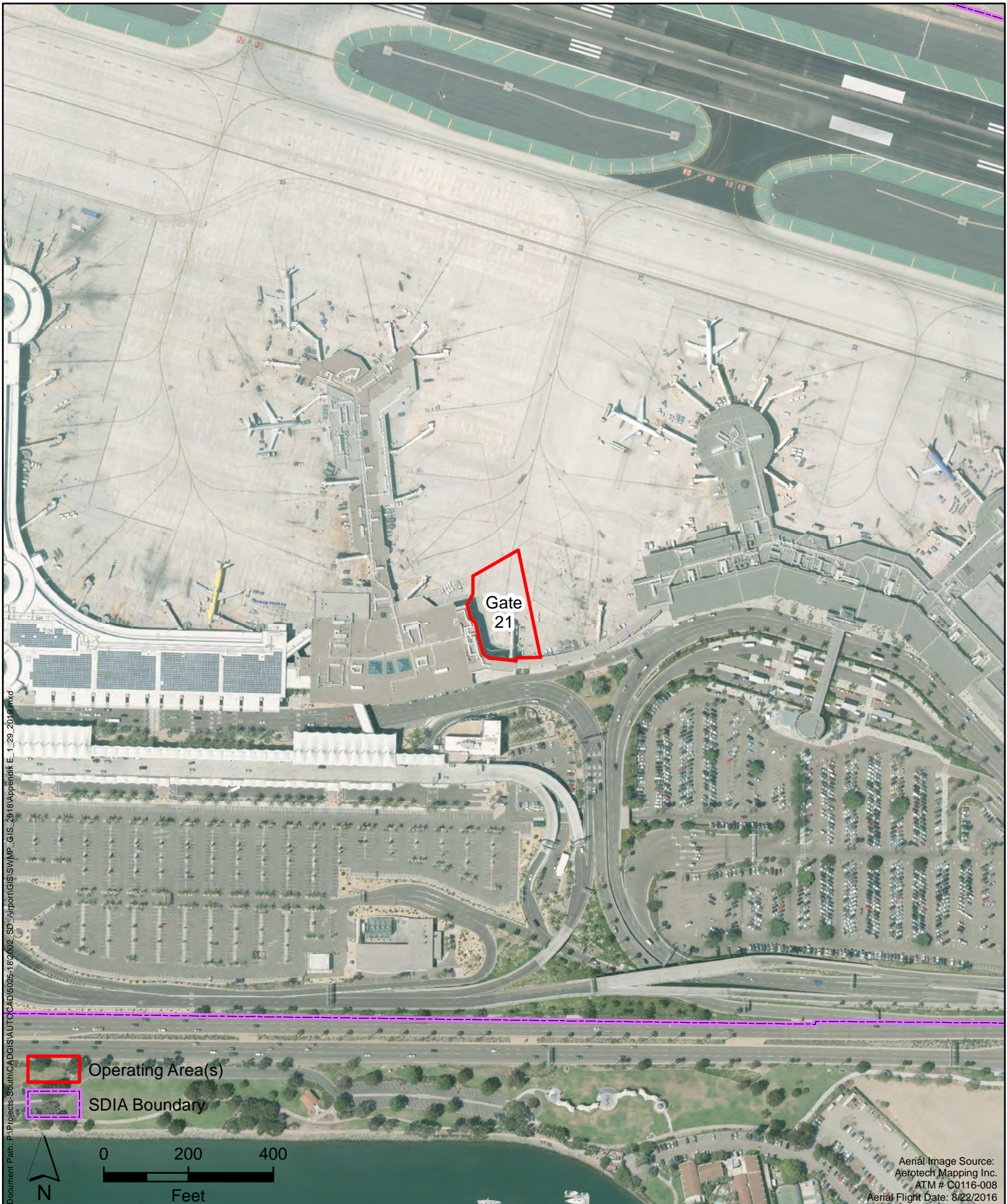
#### BMPs

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

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
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.





PROJECT NO.:  
5025-18-2002

DATE:  
JANUARY 2019

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**SAN DIEGO INTERNATIONAL AIRPORT**

**Sun Country  
Operating Areas**

FIGURE

**E-33**

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## United Airlines

<b>SIC Codes</b>	4512, 4522	<b>Contact Information</b>	
<b>Primary Activity</b>	Passenger Carrier	John Woodard	Supervisor - Air Ops
<b>Drainage Areas</b>	07, 12, 15	<b>P</b> 6197855523	<b>C</b> 2026692757
<b>Nearest MS4 Inlet</b>	< 200 ft.	john.woodard@united.com	
<b>Address</b>	3855 N. Harbor Suite #115 San Diego, CA 92101	Dan Young	Supervisor - Ops
		<b>P</b> 6197855546	<b>C</b> 9493001338
		dan.young@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 next to the cargo loading/unloading building. Aircraft maintenance is performed by United.
2. Jetstream 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 subtenant 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. AccuFleet equipment is parked by United GSE maintenance shop.
5. Waste is stored in a Hazardous Waste Accumulation Area outside United's maintenance shop.
6. Lavatory deodorant is stored outdoors, at GSE shop with secondary containment.
7. Lavatory deodorant is added to the lavatory truck at the GSE 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. As of Summer 2018, Gates 41 and 42 are 100% United operations.
13. GSE is cleaned by UPS employees at the wash rack.
14. United operates Gate 45 during the night from 9pm-9am only while Delta operates out of Gate 45 during the day.

### 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

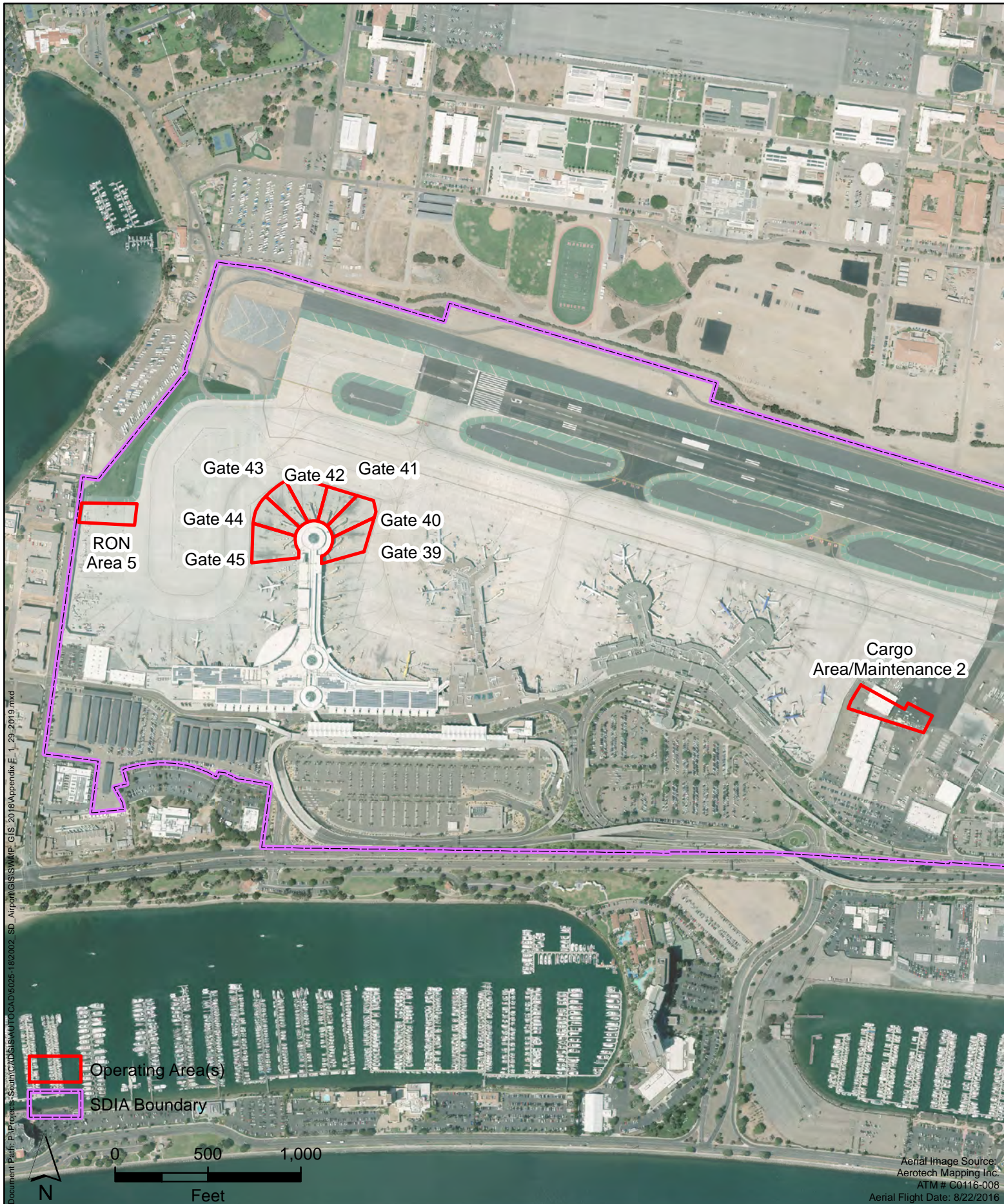
Non-Storm Water Management  
 Outdoor Equipment Ops Maintenance Areas  
 Aircraft, Ground Vehicle & Equipment Maintenance  
 Electric Vehicle Maintenance  
 Aircraft, Ground Vehicle & Equipment Fueling  
 Aircraft, Ground Vehicle & Equipment Cleaning  
 Outdoor Loading/Unloading of Materials  
 Outdoor Material Storage  
 Waste Handling & Disposal  
 Employee Training  
 Lavatory Service Operation  
 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  
 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  
 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.





Aerial Image Source:  
Aerotech Mapping Inc.  
ATM # C0116-008  
Aerial Flight Date: 8/22/2016

<p>PROJECT NO.: 5025-18-2002</p> <p>DATE: JANUARY 2019</p> <p>DRAWN BY: CAB</p> <p>CHECKED BY: AA/NP</p>		<p><b>SAN DIEGO INTERNATIONAL AIRPORT</b></p> <p><b>United Operating Areas</b></p>	<p>FIGURE</p> <p><b>E-34</b></p>
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## UPS

<b>SIC Codes</b>	4513	<b>Contact Information</b>	
<b>Primary Activity</b>	Cargo Handling	Kim Rafail	Supervisor
<b>Drainage Areas</b>	05, 06	<b>P</b> 6192937512	
<b>Nearest MS4 Inlet</b>	< 200 ft.	krafail@ups.com	
<b>Address</b>	3140 E Jurupa St. #G105	Matthew Ballard	Environmental Coordinator
	Ontario, CA 91761	<b>P</b> 9099747653	<b>C</b> 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, waste oil 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 once a week.
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  
 Aircraft, Ground Vehicle & Equipment Fueling  
 Aircraft, Ground Vehicle & Equipment Cleaning

#### BMPs

SC01 - 1, 2, 4  
 SC02A - 1, 2  
 SC02B - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11  
 SC03 - 1, 2, 4, 5, 6, 8  
 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, 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.





PROJECT NO.:  
5025-18-2002

DATE:  
JANUARY 2019

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**SAN DIEGO INTERNATIONAL AIRPORT**

**UPS  
Operating Areas**

FIGURE

**E-35**



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## West Jet Airlines

<b>SIC Codes</b>	4512, 4522	<b>Contact Information</b>	
<b>Primary Activity</b>	Passenger Carrier	Ken Sturgill	General Manager
<b>Drainage Areas</b>	15	<b>P</b> 6192200164	<b>C</b> 7757710699
<b>Nearest MS4 Inlet</b>	200 - 1000 ft.	ksturgill@atsstl.com	
<b>Address</b>	3707 North Harbor Dr. T2E San Diego, CA 92101	Dan Mesaros	Manager - Regional
		<b>P</b> 4035397565	<b>C</b> 4035429680
		dmesaros@westjet.com	

### Facility Description and Activities

1. All equipment maintenance is done in the GES maintenance shop area by GES. Daily vital fluid checks are performed by ATS staff and monthly Preventive Maintenance Inspections are conducted by Tom Masarenas of GES.
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 Executive Air.
6. West Jet operates out of Gate 49.
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.

### 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  
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  
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

#### 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, 8, 9  
SC03 - 1, 2, 4, 5, 6, 8  
SC04 - 1, 2, 3, 5  
SC06 - 1, 2, 3, 4, 6, 7  
SC07 - 1, 2, 3, 11, 12  
SC08 - 1, 2, 3, 4, 5, 8, 9, 10, 11, 12, 14  
SC10 - 1, 2, 3, 4

Lavatory Service Operation	SC11 - 3, 4, 5, 6, 7, 8, 9, 10, 11
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.





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CAB

CHECKED BY:  
AA/NP

**wood.**

**SAN DIEGO INTERNATIONAL AIRPORT**

**West Jet  
Operating Areas**

FIGURE

**E-36**

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