



Stormwater Pollution Prevention Plan for:

Albuquerque International Sunport
2200 Sunport Boulevard SE
Albuquerque, NM 87106
(505) 244-7700



SWPPP Contact:

City of Albuquerque Aviation Department
Christopher Albrecht
Environmental Manager
P.O. Box 9948
Albuquerque, NM 87119
(505) 244-7836
Fax: (505) 244-7793

SWPPP Preparation Date:

May 2018

This Page Intentionally Left Blank

Contents

Overview of SWPPP Development and Availability	1
Section 1: Facility Description and Contact Information	5
1.1 Facility Information	5
1.2 Discharge Information.....	5
1.3 Contact Information/Responsible Parties.....	6
1.4 Stormwater Pollution Prevention Team (PPT)	7
1.5 Activities at the Facility	7
1.6 General Location Map	8
1.7 Site Maps	8
Section 2: Potential Pollutant Sources	11
2.1 Industrial Activity and Associated Pollutants.....	11
2.2 Spills and Leaks	11
2.3 Non-Stormwater Discharges Documentation.....	15
2.4 Salt Storage.....	16
2.5 Sampling Data Summary	16
Section 3: Stormwater Control Measures	17
3.1 Minimize Exposure	17
3.2 Good Housekeeping	18
3.3 Maintenance of Control Measures	18
3.4 Spill Prevention and Response.....	18
3.5 Erosion and Sediment Controls	19
3.6 Management of Runoff	20
3.7 Salt Storage Piles or Piles Containing Salt	20
3.8 MSGP Sector-Specific Non-Numeric Effluent Limits	20
3.9 Employee Training.....	21
3.10 Non-Stormwater Discharges.....	22
3.11 Waste, Garbage and Floatable Debris.....	22
3.12 Dust Generation and Vehicle Tracking of Industrial Materials.....	22
Section 4: Schedules and Procedures.....	23
4.1 Schedules and Procedures Pertaining to Control Measures	23
4.2 Schedules and Procedures Pertaining to Inspections	23
4.2.1 Routine Facility Inspections	23
4.2.2 Monthly Deicing Inspections.....	25
4.3 Schedules and Procedures Pertaining to Monitoring	25
4.3.1 Quarterly Visual Stormwater Assessment.....	25
4.3.2 Benchmark Monitoring	27
4.3.3 ELG Monitoring.....	27
4.3.4 State- or Tribal-Specific Monitoring.....	27
4.3.5 Impaired Waters Monitoring	27

4.3.6	Substantially Identical Outfall Exception.....	28
4.4	Schedules and Procedures Pertaining to Corrective Action	29
4.5	Schedules and Procedures Pertaining to Annual Reports	30
Section 5: Documentation to Support Eligibility Considerations under Other Federal Laws ...		33
5.1	Documentation Regarding Endangered Species.....	33
5.2	Documentation Regarding Historic Properties	33
5.3	Documentation Regarding NEPA Review (if applicable)	33
Section 6: SWPPP Certification		35
6.1	Person(s) Responsible for SWPPP Preparation.....	35
6.2	SWPPP Certification – Aviation Department.....	35
6.3	SWPPP Certification – Operators	36
Section 7: SWPPP Modifications		37
SWPPP Appendices.....		39
Appendix A	Pollution Prevention Team Members	
Appendix B	Multi-Sector General Permit 2015	
Appendix C	Figures	
	<i>Figure 1 Site Location Map</i>	
	<i>Figure 2 Site Plan</i>	
	<i>Figure 3 Drainage Plan</i>	
	<i>Figure 4 Terminal Tenants Activities Plan</i>	
	<i>Figure 5 Fixed Base Operators Activities Plan</i>	
	<i>Figure 6 Cargo Facility Activities Plan</i>	
	<i>Figure 7 Rental Car Facility Activities Plan</i>	
	<i>Figure 8 Building/Grounds Maintenance Roadway/Runway Deicing Plan</i>	
	<i>Figure 9 Non-Stormwater Discharges/Significant Spills Plan</i>	
Appendix D	List of Tenant Specific Potential Pollutants	
Appendix E	Evaluation of Non-Stormwater Discharges	
Appendix F	Best Management Practices and Summary of Tenant-Specific BMPs	
Appendix G	Training Records	
Appendix H	Endangered and Threatened Species Screening Memorandum	
Appendix I	Historic Properties Preservation Screening Memorandum	
Appendix J	Copy of the Notice of Intent and Acknowledgement Letter	
Appendix K	Inspection Forms	
	<i>Tenant Quarterly Routine Facility Inspection Form</i>	
	<i>Aviation Led SWPPP Inspection Form</i>	
	<i>Quarterly Stormwater Monitoring Inspection Form</i>	
	<i>Monthly Deicing Inspection Form</i>	
Appendix L	Annual Reports	

Overview of SWPPP Development and Availability

The EPA's National Pollutant Discharge Elimination System (NPDES) Multi-Sector General Permit for Stormwater Discharges Associated with Industrial Activity (MSGP) (effective June 4, 2015) recognizes that air transportation facilities typically have more than one operator (Operators include the Airport Authority and airport tenants including air passenger or cargo companies, fixed based operators, and other parties who routinely perform industrial activities on airport property) who could discharge stormwater associated with industrial activity. As such, Sector S of the MSGP includes guidelines for permit coverage for air transportation facilities with multiple operators.

To obtain coverage under the MSGP, the airport authority (City of Albuquerque Aviation Department or simply referred to as "Aviation") and each operator at the Albuquerque International Sunport (ABQ) must submit a Notice of Intent (NOI), or if appropriate, a No Exposure Certificate (NEC). The deadline to submit an NOI or NEC was September 2, 2015.

In accordance with Part 8 Subpart S – Sector S Air Transportation (8.S.3.2), the MSGP recognizes that the airport authority may choose to implement certain MSGP requirements on behalf of its tenants in order to increase efficiency and eliminate redundancy or duplication of efforts. [Note: For the purpose of this document, the terms "tenants" and "operators" are used interchangeably.] Throughout this Stormwater Pollution Prevention Plan (SWPPP), the responsibilities of each party (operators or Aviation Department) will be identified. The SWPPP will also describe processes for reporting (operators report to Aviation Department) and distribution of information (from Aviation Department to operators).

This SWPPP has been developed as a single comprehensive document for all Aviation operations (i.e. Terminal Operations, Landside Operations, Airfield Maintenance, etc.) and all air transportation related operators including airline and airfreight carriers, fixed-base operators, aircraft service providers, car rental companies, etc. All operators who fall under the MSGP must sign and certify this document (see Section 6.3). Operators that fall under the MSGP operate businesses with Standard Industry Codes (SIC) listed in Appendix N, MSGP 2015. A summary of all operators and their SIC Code is provided in **Table 1**.

All other operators (with SIC Codes not listed in the MSGP) with outdoor activities and stormwater exposure, must implement this SWPPP and good housekeeping practices as required by the City of Albuquerque Municipal Separate Storm Sewer System (MS4) Permit NMS000101 (effective January 31, 2012).

As stated in the MSGP, Duty to Comply, each individual operator at ABQ remains responsible for ensuring that all requirements of its own permit under the MSGP are met regardless of whether this SWPPP allocates the actual implementation of any of those responsibilities to another operator.

NPDES tracking numbers obtained under the MSGP 2008 and MSGP 2015 are summarized in **Table 2**.

Table 1
SIC and NAICS Codes and Descriptions and Applicable MSGP Sectors

Tenant	SIC Code	SIC Description	NAICS	NAICS Description	MSGP Sector
Albuquerque International Sunport <i>Airfield Maintenance</i> <i>Landside Operations</i> <i>Terminal Operations</i>	4581	Airports, Flying Fields, and Airport Terminal Services	488119	Other Airport Operations	S
10 Tanker Air Carrier	4522	Air Transportation, Nonscheduled	481219	Other Nonscheduled Air Transportation	S
Advantage Rent A Car	7514	Automobile Renting	532111	Passenger Car Rental	N/A
Aerolynx	4522	Air Transportation, Nonscheduled	481211	Nonscheduled Chartered Passenger Air Transportation	S
Aircraft Service International Group	4581	Aircraft Servicing and Maintenance	488190	Petroleum Bulk Stations and Terminals	S
Alaska Airlines	4512	Air Transportation, Scheduled	481111	Scheduled Passenger Air Transportation	S
American Airlines	4512	Air Transportation, Scheduled	481111	Scheduled Passenger Air Transportation	S
AmeriFlight	4512	Air Transportation, Scheduled	481112	Scheduled Freight Air Transportation	S
Atlantic Aviation	4522	Air Transportation, Nonscheduled	481211	Nonscheduled Chartered Passenger Air Transportation	S
Avis/Budget Group	7514	Automobile Renting	532111	Passenger Car Rental	N/A
Bode Aviation Inc. (Sunport)	4581	Airports, Flying Fields, and Airport Terminal Services	488190	Aircraft Servicing and Repair	S
Boutique Air	4512	Air Transportation, Scheduled	481111	Scheduled Passenger Air Transportation	S
Cutter Aviation	4522	Air Transportation, Nonscheduled	481211	Nonscheduled Chartered Passenger Air Transportation	S
Delta Airlines <i>DAL Global Services</i>	4512	Air Transportation, Scheduled	481111	Scheduled Passenger Air Transportation	S
DeMar Machine	4581	Airports, Flying Fields, and Airport Terminal Services	488190	Aircraft Servicing and Repair	S
EAN Holdings	7514	Automobile Renting	532111	Passenger Car Rental	N/A
Eclipse Aerospace	3721	Aircraft Manufacturing	336411	Aircraft Manufacturing	AB
Envoy	4581	Airports, Flying Fields, and Airport Terminal Services	488119	Other Airport Operations	S
Federal Express	4512	Air Transportation, Scheduled	481112	Scheduled Freight Air Transportation	S
Frontier Airlines	4512	Air Transportation, Scheduled	481111	Scheduled Passenger Air Transportation	S
G2 Secure Staff	4581	Airports, Flying Fields, and Airport Terminal Services	488119	Other Airport Operations	S
Global Aviation	4581	Airports, Flying Fields, and Airport Terminal Services	488190	Other Support Activities for Air Transportation	S
Hertz	7514	Automobile Renting	532111	Passenger Car Rental	N/A
Jet Blue	4512	Air Transportation, Scheduled	481111	Scheduled Passenger Air Transportation	S

Table 1
SIC and NAICS Codes and Descriptions and Applicable MSGP Sectors

Tenant	SIC Code	SIC Description	NAICS	NAICS Description	MSGP Sector
Kevothermal	3999	Manufacturing Industries, Not Elsewhere Classified	326140	Polystyrene Foam Product Manufacturing	N/A
Main Event Transportation	7389	Events- Special	711310	Promoters with Facilities	N/A
Matheson Flight Extenders	4513	Air Courier Services	492110	Couriers and Express Delivery Services	S
National Weather Service	8999	Services, Not Elsewhere Classified	541990	All Other Professional, Scientific and Technical Services	N/A
Parks & General Services	0782	Lawn and Garden Services	561730	Landscaping services	N/A
PHI Medical	4522	Air Transportation, Nonscheduled	621910	Ambulance Services	S
PrimeFlight	4581	Airports, Flying Fields, and Airport Terminal Services	488119	Other Airport Operations	S
QuickFlight Services	4581	Airports, Flying Fields, and Airport Terminal Services	488119	Other Airport Operations	S
Southwest Airlines	4512	Air Transportation, Scheduled	481111	Scheduled Passenger Air Transportation	S
SP Plus Transportation	4111	Local and Suburban Transit	458999	All Other Transit and Ground Passenger Transportation	P
Swissport Fueling Services	5171	Petroleum Bulk Stations and Terminals	424710	Petroleum Bulk Stations and Terminals	P
United Airlines	4512	Air Transportation, Scheduled	481111	Scheduled Passenger Air Transportation	S
United Parcel Service	4512	Air Transportation, Scheduled	481112	Scheduled Freight Air Transportation	S
US Postal Service	4311	United States Postal Service	491110	Postal Service	P

Table 2
MSGP 2008 and 2015 NPDES Tracking Numbers

Tenant / Operation	MSGP 2008 Tracking Number	MSGP 2015 Tracking Number
City of Albuquerque Aviation Department Albuquerque International Sunport Airfield Maintenance Landside Operations Terminal Operations CABQ Parks and General Services	NMR05GC75	NMR053023
10 Tanker Air Carrier	No Action Assurance	NMR053142
Aero Charter dba Aerolynx	NMR05HS90	NMR053029
Aircraft Services International Group	NMR05GC12	NMR053040
Alaska Airlines	-	NMR053138
Allegiant Airlines Primeflight (NOI Holder)	NMR05HI73	NMR053207
American Airlines (NOI Holder) Envoy	NMR05GC24 -	NMR053033 -
Ameriflight	No Action Assurance	NMR053206
Atlantic Aviation	NMR08H00	NMR053031
Bode Aviation Inc. – Sunport	No Submission	NMR053037
Boutique Air	No Action Assurance	NMR053036
Cutter Aviation	NMR05GB16	NMR053058
Delta Airlines (NOI Holder) DAL Global Services	NMR05GD99 -	NMR053039 -
DeMar Machine	NMR05HR87	NMR053038
Eclipse Aerospace	NMR05GF42	NMR053116
Federal Express	NMR05GY09	NMR053213
Frontier Airlines QuickFlight Services (NOI Holder)	-	In process of applying for coverage
Global Aviation	-	In process of applying for coverage
Jet Blue Airlines	NMR05HT47	NMR053109
Kevothermal Insulation	NMR05HR94	NMR053055
Main Event Transportation	NMR05HU52	NMR053034
Matheson Flight Extenders	No Submission	NMR053188
PHI Medical	-	NMR053139
Southwest Airlines	NMR05GC34	NMR053136
SP Plus Transportation	No Submission	NMR053030
Swissport Fueling Services	NMR05HU75	NMR053140
United Airlines PrimeFlight (NOI Holder)	NMR05GC85 NMR05HI73	- NMR053207
United Parcel Service	NMR05GM68	NMR053242
US Postal Service	NMR05HT65	NMR053194
Advantage Rent-A-Car	No Submission	Not Regulated Under MSGP
Avis/Budget Group	NMR05GG27 NMR05GG28	Not Regulated Under MSGP
EAN Holdings (Enterprise, Alamo, National)	No Submission	Not Regulated Under MSGP
Hertz Corporation	NMR05GB14	Not Regulated Under MSGP
National Weather Service	Notice of Termination	Not Regulated Under MSGP

Section 1: Facility Description and Contact Information

1.1 Facility Information

Name of Facility: Albuquerque International Sunport (ABQ)

Street: 2200 Sunport Boulevard SE

City: Albuquerque State: NM ZIP Code: 87106

County or Similar Subdivision: Bernalillo County

Permit Tracking Number: NMR053023 (for ABQ, all other operators have their own Permit Tracking Number, refer to Table 2) (if covered under a previous permit)

Latitude/Longitude (Use **one** of three possible formats, and specify method)

Latitude:	Longitude:
1. <u>35</u> ° <u>02</u> ' <u>27</u> " N (degrees, minutes, seconds)	1. <u>106</u> ° <u>36</u> ' <u>29</u> " W (degrees, minutes, seconds)
2. <u>__</u> ° <u>__</u> ' <u>__</u> " N (degrees, minutes, decimal)	2. <u>__</u> ° <u>__</u> ' <u>__</u> " W (degrees, minutes, decimal)
3. <u>__</u> ° <u>__</u> ' <u>__</u> " N (decimal)	3. <u>__</u> ° <u>__</u> ' <u>__</u> " W (decimal)

Method for determining latitude/longitude (check one):

☐ USGS topographic map (specify scale: _____) ☒ EPA Web site ☐ GPS
☐ Other (please specify): _____

Is the facility located in Indian Country? ☐ Yes ☒ No
If yes, name of Reservation, or if not part of a Reservation, indicate "not applicable." _____

Is this facility considered a Federal Facility? ☐ Yes ☒ No

Estimated area of industrial activity at site exposed to stormwater: 1853 (acres)

1.2 Discharge Information

Does this facility discharge stormwater into an MS4? ☒ Yes ☐ No

If yes, name of MS4 operator: Albuquerque Metropolitan Arroyo Flood Control Authority (AMAFCA)

Name(s) of water(s) that receive stormwater from your facility AMAFCA South Diversion Channel, Tijeras Arroyo, AMAFCA Tijeras Channel, and the Rio Grande

Are any of your discharges directly into any segment of an "impaired" water? ☒ Yes ☐ No

If Yes, identify name of the impaired water (and segment, if applicable): Middle Rio Grande

Identify the pollutant(s) causing the impairment: E. coli, dissolved oxygen, PCBs in Fish Tissue, and temperature

For pollutants identified, which do you have reason to believe will be present in your discharge? None

For pollutants identified, which have a completed TMDL? E. coli

Do you discharge into a receiving water designated as a Tier 2 (or Tier 2.5) water? ☐ Yes ☒ No

Are any of your stormwater discharges subject to effluent guidelines? ☐ Yes ☒ No

If Yes, which guidelines apply? _____

Primary SIC Code or 2-letter Activity Code: 4581, refer to Table 1, (refer to Appendix D of the MSGP)

Identify your applicable sector and subsector: Sector S – Air Transportation

1.3 Contact Information/Responsible Parties

Facility Operator (s):

Name: City of Albuquerque Aviation Department

Address: 2200 Sunport Boulevard SE

City, State, Zip Code: Albuquerque, NM 87106

Telephone Number: (505) 244-7700

Email address: _____

Facility Owner (s):

Name: City of Albuquerque Aviation Department

Address: P.O. Box 9948

City, State, Zip Code: Albuquerque, NM 87119

Telephone Number: (505) 244-7700

Email address: _____

SWPPP Contact:

Name: Christopher Albrecht, Environmental Manager

Telephone number: (505) 244-7836

Email address: calbrecht@cabq.gov

TO REPORT A SPILL PLEASE CALL:

Communications Center
244-7706

24-HOUR EMERGENCY CONTACT

Communications Center
842-4004

1.4 Stormwater Pollution Prevention Team (PPT)

The stormwater pollution prevention team (PPT) is comprised of representatives from the Aviation Department and at least one staff member from each additional operator. The responsibility of the PPT is to oversee development of the SWPPP and for implementing and maintaining control measures and taking corrective actions when required. A list of PPT members and contact information is provided in **Appendix A**. A summary of PPT members' responsibilities follows.

- Aviation Department Environmental Manager (PPT Leader) - Responsibilities include SWPPP development and management, Aviation-led facility inspections, stormwater monitoring, deicing inspections, annual training, EPA annual reporting, NOI submission, spill response and reporting, evaluation of spill data to identify preventative measures, etc.
- Operators PPT Members - Responsibilities include NOI submission, implementation of the SWPPP, quarterly inspections, annual training, EPA annual reporting, deicing usage tracking and submission, etc.

Each PPT member is provided an electronic copy of the SWPPP and Multi-Sector General Permit 2015 (MSGP). It is the responsibility of the PPT member to maintain their copy of the SWPPP and ensure its completeness and availability and to fully implement the procedures and best management practices (BMPs). **Appendix A** (generated by the "Team Member" report of the ABQ Stormwater Database) shall be updated as needed to reflect changes in personnel.

MSGP 2015 is included as **Appendix B** of this SWPPP.

1.5 Activities at the Facility

The Aviation Department and operators of ABQ perform activities directly related or in support of commercial aviation. ABQ consists of approximately 2,423 acres with a terminal building of 574,000 square feet including two concourses and 22 gates. There are three runways currently in use at ABQ. The airport is served by seven major airline carriers and one commuter airline offering non-stop services to 22 cities. ABQ handled approximately 73,000 major airline takeoffs and landings in 2016 and approximately 60,000 tons of air cargo are handled annually at the Sunport. ABQ is also home to a company that provides fixed wing jet aircraft for aerial firefighting. Fire missions out of the Sunport are performed in New Mexico Arizona, California, Colorado, Idaho, Nevada, Utah, South Dakota, Montana, Oregon, Texas, Washington and Wyoming as well as Alberta, Canada and Australia.



Overview of the Sunport terminal (Source: abqsunport.com)

In addition to the airlines and airfreight carriers, operators at the airport include fixed base operators (FBOs); aircraft service providers; aircraft manufacturers; automobile rental companies; governmental agencies including the US Postal Service (USPS) and the National Weather Service (NWS); and other miscellaneous operations.

ABQ is located adjacent to Kirtland Air Force Base (KAFB) (**Figure 2/Appendix C**) and the airport runways and taxiways are shared by ABQ and the Air Force. A large portion (roughly the eastern two thirds) of ABQ's Runway 8-26 drains to KAFB property (**Figure 3/Appendix C**). Due to restricted accessibility to outfalls on KAFB property, the Aviation Department has an agreement with the Air Force that KAFB is responsible for stormwater pollution prevention for this portion of the runway under the KAFB SWPPP. The drainage basins shown on **Figure 3/Appendix C** illustrate the portions of the airport which are covered by this SWPPP.

1.6 General Location Map

The general location map for ABQ is included as **Figure 1/Appendix C**.

1.7 Site Maps

As required in Section 5.1.2 of the MSGP, the following figures include the items listed below. All figures are located in **Appendix C**.

- **Figure 2 Site Plan**
 - Boundary of the property and size in acres
 - Location and extent of significant structures and impervious surfaces (evident on aerial photograph)
- **Figure 3 Drainage Plan**
 - Directions of stormwater flow
 - Locations of all existing structural control measures
 - Locations of all stormwater conveyances including ditches, pipes, and swales
 - Locations of all stormwater monitoring points
 - Locations of stormwater inlets and outfalls, with a unique identification code for each outfall, including "substantially identical" outfalls
 - Municipal separate storm sewer systems (MS4), where stormwater discharges offsite.
- **Figures 4 through 7 Activity Plans**
 - Activity Plans Include:
 - Locations of potential pollutant sources identified under MSGP, Part 5.2.3.2
 - Locations of the following activities where such activities are exposed to precipitation:
 - Fueling stations

- Vehicle and equipment maintenance and/or cleaning areas
- Loading/unloading areas
- Locations used for the treatment, storage, or disposal of wastes
- Liquid storage tanks
- Transfer areas for substances in bulk
- Machinery
- Locations and sources of run-on to your site from adjacent property that contains significant quantities of pollutants
- **Figure 4 Terminal Tenants Activities Plan**
- **Figure 5 Fixed Base Operators Activities Plan**
- **Figure 6 Cargo Facility Activity Plan**
- **Figure 7 Rental Car Facility Activities Plan**
- **Figure 8 Building/Grounds Maintenance Roadway/Runway Deicing Plan**
 - Locations for roadway and runway anti-icing
- **Figure 9 Non-Stormwater Discharges/Significant Spills Plan**
 - Locations and descriptions of all non-stormwater discharges identified under MSGP, Part 2.1.2.10
 - Locations where significant spills or leaks identified under MSGP, Part 5.2.3.3 have occurred
- **Not Applicable**
 - Processing and storage areas
 - Immediate access roads and rail lines used or traveled by carriers of raw materials, manufactured products, waste material, or by-products used or created by the facility
 - Areas of designated critical habitat for endangered or threatened species

This Page Intentionally Left Blank

Section 2: Potential Pollutant Sources

2.1 Industrial Activity and Associated Pollutants

Table 3 describes industrial activities performed at ABQ and the potential pollutants associated with them.

Table 3
Industrial Activities Performed at ABQ and Associated Potential Pollutants

Industrial Activity	Associated Potential Pollutants
Aircraft, Ground Vehicle, and Equipment Fueling	Avgas, Jet A, unleaded gasoline, diesel fuel
Aircraft, Ground Vehicle, and Equipment Maintenance	Engine oil, hydraulic fluid, coolant, degreasers, windshield wiper fluid, Skydrol (aircraft hydraulic fluid), battery acid, grease
Aircraft Deicing/Anti-Icing	Type I and Type IV deicing fluid (propylene glycol), potassium acetate
Aircraft, Ground Vehicle, and Equipment Washing	Washwater, soaps, detergents, grease, oil, or other residue
Outdoor Handling of Materials	Fuels, lubricants, "blue water" and lavatory wastes
Outdoor Material Storage	Waste oil, fuels
Aircraft/Vehicle Outdoor Storage Areas	Hydraulic fluid, fuels, oils, grease
Waste Handling and Disposal	Solid waste, used oil, used hydraulic fluid, used coolant, lavatory wastes, recycled materials
Buildings and Ground Maintenance	Cinder, sand, paints, potassium acetate, herbicides, pesticides, landscape wastes
Equipment Cleaning and Degreasing	Degreasing solvents, oil, grease
Seasonal Fire Fighting	Fire retardant
Restaurant/Catering Operations	Kitchen Grease

Each item listed above has been handled or stored at ABQ within the three years prior to the submission of this SWPPP. Tenant specific potential pollutants are summarized in **Tables D-1, D-2, D-3, D-4, D-5, and D-6** of **Appendix D**.

2.2 Spills and Leaks

Table 4 summarizes locations within ABQ where spills have the potential to occur and which outfall the spill would have potential to affect. Outfalls are illustrated on **Figure 3/Appendix C**.

Table 4
Areas Where Potential Spills/Leaks Could Occur

Location	Outfalls
ASIG/Swissport jet fuel and unleaded fuel storage tanks	GAV
Fuel transfer to aircraft on the tarmac	SP2, N17, 08W, W3W, W3S
Aviation Department Airfield Maintenance (AFMX) fuel dispensing facility	W3S, W3W
Multiple maintenance garages and hangars	N17, SP1, SP2, GAV, W3S, W3W, 8W
Parks and Recreation Department	N17
Car Rental fuel dispensing and car wash facilities	GAV, CRNE, CRNW
Air Cargo facilities	W3S, W3W
Cutter Aviation fueling operations	GAV
Cutter Aviation fuel storage tanks	GAV
Fuel truck overnight parking	GAV, 08W
Eclipse fuel storage tanks	GAV
Eclipse fueling operations	GAV
Deicing operations	SP2, 08W, W3S, W3W, N17
Deicing storage tanks and transfer process	SP1, SP2, GAV, W3S, W3W
Aircraft lavatory/underwing operations	SP1, SP2, 08W

Table 5 displays locations within ABQ where spills/leaks have occurred in the past three years and which outfall was potentially affected by the release. Outfalls can be located on **Figure 5/Appendix C**. Locations of major spills are identified on **Figure 9/Appendix C**.



Crews apply absorbent to a Jet A fuel spill caused by venting (June 2017).

Table 5
Description of Past Spills/Leaks (Past 3 years)

Date	Description	Outfall	Figure 9 Identifier Number*	Did Spill/Leak Reach Outfall?
01/2/2015	06:45. United Airlines fuel spill, approx. 15 gallons at Gate A4. Contained and cleaned by United personnel.	SP-2	1	No
01/06/15	11:00. OPS 60 reported approx. 5 gallons of blue water at Gate A2, spilled by United Airlines. United Airlines personnel cleaned spill.	SP-2		No
02/21/15	06:15. Hydraulic leak by American Airlines tug. OPS provided a dam/dike to prevent the leak from entering the storm drain, no fluid was released in the drain.	08W		No
04/21/15	10:46. Approx 5 gallons of solvent was being actively discharged onto ramp. US Airways mechanics where were discharging solvent cleaned spill.	08W		No
05/16/15	00:10. Delta reported a 15 gallon lavatory spill at gate B-9. The spill was cleaned.	08W		No
06/02/15	01:38. Call from the communication center that C130 blown hydraulic line. Small 1 gallon spill was cleaned at E3.	08W		No
06/20/15	American Airlines reports grease leaking from roof drains over Gate B1. Less than 1 gallon. Airport personnel (Jeff Palmer) to clean grease from ramp and roof drain.	08W		No
08/02/15	04:40. A United Airlines 737 began venting during fueling by Swissport at gate A1. Approx. 20 gallons spilled on ramp. Swissport personnel cleaned spill.	SP-2	2	No
08/12/15	07:55. Fuel spill at FedEx ramp. Approx. 10 gallons. FedEx personnel cleaned up spill.	W3	3	No
09/09/15	11:30. Approx. 5 gallons hydraulic fluid from a Solid Waste truck leaked while truck drove around ramp to collect from dumpsters.	8W		No
09/24/15	05:45. Approx. 50 gallons hydraulic fluid spills at FedEx cargo ramp. FedEx, Airfield Maintenance, and 3 rd party contractor (Advanced Environmental) cleaned up spill.	W3	4	No
10/06/15	02:40. United Airlines employee was observed hosing lavatory fluid coming from airplane into nearby storm drain. Primeflight used absorbent and absorbing pads to stop leak, and Airfield Maintenance lifted grate on storm drain and pumped out waste and cleaned basin. No lavatory waste entered the effluent pipe.	08W		Yes – Cleaned out of drain.
10/09/15	02:15. Approx. 10 gallons diesel on the Cutter ramp from a charter bus. ARFF and Cutter personnel cleaned spill.	GA	5	No
11/19/15	07:30. Approx. 81 of Jet A fuel spilled onto ramp and into catch buckets/drums from Ameriflight feeder plane when a fuel line failed. Ameriflight and UPS personnel responded and cleaned spill.	W3	6	No
11/29/15	21:29. Fast Park vehicle broke down with a fuel leak, approx. 10 gallons. A small amount entered drain. Fast Park personal responded by applying dry absorbent and cleaning the roadway and drain.	N17	7	Yes – Cleaned out of drain.
12/17/15	10:49. Less than 2 gallons of antifreeze leaked from ABQ cab. Airfield Maintenance cleaned spill.	N17		No
12/22/15	13:00. Approx. 10 gallons of Jet A fuel spilled due to overfilling airplane at gate A1. Swissport personnel cleaned up spill.	08W	8	No
03/14/16	19:40. Approx. 5 gallons of fuel spilled at Gate E1. Used absorbent pads to clean spill and stored them in the fire cabinet until they could be properly disposed.	SP-2		No
05/16/16	15:00. Wing overflow during fueling, approx. 20 gallons spilled at Southwest Airlines Gate A8. Southwest had a quick response and contained and cleaned the spill.	SP-2	9	No
06/11/16	14:23. Approx. 24 gallons of Jet A fuel spilt onto ramp due to venting at Gate B10. Swissport and Delta used absorbent to clean spill. Swissport cleaned up absorbent and removed from the area.	8W	10	No

Table 5
Description of Past Spills/Leaks (Past 3 years)

Date	Description	Outfall	Figure 9 Identifier Number*	Did Spill/Leak Reach Outfall?
06/13/16	19:45. Swissport spilled approx. 10 gallons of fuel at FedEx gate. Spill was cleaned up.	W3	11	No
06/16/16	20:48. Approx. 5-10 gallons of fuel was spilled from wing venting at Gate A11. Swissport and Southwest Airlines personnel cleaned the spill with absorbent.	SP-2		No
06/23/16	14:44. Approx. 5 gallons spilled due to venting at Gate B8. DGS personnel responded and cleaned spill.	8W		No
06/29/16	14:26. 5-10 gallons fuel spill at Gate B8. Swissport was responsible, and cleaned spill.	8W		No
07/28/16	12:35. 1 gallon of hydraulic fluid spilled from tug. Spill was cleaned up.	W3		No
10/01/16	06:00. Approx. 50 gallons spilled at Cutter ramp. Cutter personnel cleaned spill.	GA	12	No
10/19/16	07:50. Approx. 2 gallons of fuel leaked from plane engine as it was being pushed back from Gate A1. United Airlines personnel cleaned spill.	SP-2		No
11/29/16	06:15. Spill from UPS tractor, approx. 120 gallons. Tractor had driven onto ramp and around the UPS facility. UPS and third-party contractor (Advanced Environmental Solutions) cleaned spill.	GA/W3	13	No
01/09/17	08:30. Small engine oil leak from car in parking garage. Landside Operations and Airfield Maintenance personnel responded and cleaned spill.	N17		No
04/05/17	09:15. Approx. 3-4 gallons of fuel spilled at Eclipse Aerospace south ramp. Eclipse Aerospace personnel applied absorbent to spill and swept up and properly disposed of spill response materials.	W3		No
04/23/17	11:15. Approx. 5 gallons of antifreeze spilled in the baggage tunnel from a United Airlines tug. Airfield personnel responded and cleaned spill.	SP-2		No
06/09/17	11:50. Approx. 30 gallons was vented from aircraft wing at Gate A3. Swissport and United Airlines responded and cleaned spill.	SP-2	14	No
09/01/17	12:35. Less than 1 quart of Jet A fuel leaked at Gate B1 due to a fuel valve failure. United Airlines personnel used absorbent to clean spill, and place a 5 gallon bucket to catch dripping fuel.	8W		No
10/10/17	05:30. Between 12 and 30 gallons of fuel vented from plane at gate B1. Unsatisfactory clean-up originally performed by Swissport.	8W	15	No

* Spill

REPORTING PROCESS: All operators at ABQ will report spills greater than 5 gallons to the Communications Center and to the Environmental Manager. The following information must be reported:

- Date and time
- Responsible party
- Fluid type and quantity
- Spill location and surface (concrete, asphalt, soil)
- Brief description of activity causing spill

The Environmental Manager will follow up and notify operator if any additional local, state, or federal reporting is required.

2.3 Non-Stormwater Discharges Documentation

Date of evaluation: June 8, 2017

Description of the evaluation criteria used:

Each ABQ stormwater outfall was visually assessed, photographed, and documented. A summary report of the evaluation is included in **Appendix E**. Potential non-stormwater discharges permissible under this SWPPP include:

- Discharges from emergency/unplanned fire-fighting activities;
- Fire hydrant flushing;
- Potable water, including water line flushings;
- Uncontaminated condensate from air conditioners, coolers/chillers, and other compressors and from the outside storage of refrigerated gases or liquids;
- Irrigation drainage;
- Landscape watering provided all pesticides, herbicides, and fertilizers have been applied in accordance with the approved labeling;
- Pavement wash waters where no detergents or hazardous cleaning products are used (e.g., bleach, hydrofluoric acid, muriatic acid, sodium hydroxide, nonylphenols), and the wash waters do not come into contact with oil and grease deposits, sources of pollutants associated with industrial activities (see Part 5.2.3), or any other toxic or hazardous materials, unless residues are first cleaned up using dry clean-up methods (e.g., applying absorbent materials and sweeping, using hydrophobic mops/rags) and Page 2 Multi-Sector General Permit (MSGP) appropriate control measures have been implemented to minimize discharges of mobilized solids and other pollutants (e.g., filtration, detention; settlement);
- Routine external building washdown/power wash water that does not use detergents or hazardous cleaning products (e.g., those containing bleach, hydrofluoric acid, muriatic acid, sodium hydroxide, nonylphenols);
- Uncontaminated ground water or spring water;
- Foundation or footing drains where flows are not contaminated with process materials; and
- Incidental windblown mist from cooling towers that collects on rooftops or adjacent portions of your facility, but not intentional discharges from the cooling tower (e.g., “piped” cooling tower blowdown; drains).

List of the outfalls or onsite drainage points that were directly observed during the evaluation:

Outfalls 08W, CRNE, CRNW, GAV, SP1, SP2, W3S, 35A, 35B, 35C, W3W, S35A, and S35B, were observed during this evaluation.

Different types of non-stormwater discharge(s) and source locations:

Two non-stormwater discharges were observed at ABQ and their locations are identified on Figure 9 in **Appendix C**.

A small stream of water with no visual impairments or odors was observed flowing out of Outfall SP1 west of the old airport building. The stream origin was Southwest food trucks draining their clean water accumulation tank at the Southwest provisions building into the slot drains. No further investigations took place.

A small active flow was observed at Outfall N17, with no visual impairments or odors. It was determined the flow came from water being applied for dust control measures for construction activities on the former Sunport runway. No further investigation took place.

An active flow from Outfall SP2 was observed with no apparent smell or sheen. Upon investigation, it was discovered that the source of the water was coming from watering the construction site at George Rd for dust control. No further investigations took place.



Low flow observed during a stormwater monitoring event at Outfall SP1.

Action(s) taken, such as a list of control measures used to eliminate unauthorized discharge(s), if any were identified. For example, a floor drain was sealed, a sink drain was re-routed to sanitary, or an NPDES permit application was submitted for an unauthorized cooling water discharge:

All non-stormwater discharges were permissible; no actions were taken as a result of the evaluation.

2.4 Roadway De-Ice Storage

Sodium acetate for roadway de-icing is stored indoors at the Aviation Department Airfield Maintenance facility. Several car rental facilities store a pelletized deicing product for deicing outside of their carwash facilities.

2.5 Sampling Data Summary

Stormwater outfalls were visually assessed during one storm event for the presence of stormwater pollutants on March 28, 2017. During the event, small amounts of litter was observed at or around the outfalls detention ponds. A sheen was observed in a ponded area where outfall SP-1 emptied. Pollution has been an issue in past monitoring events, and the generally clean observations during this monitoring event indicate Aviation and the tenants are taking care to help mitigate stormwater pollution.

Section 3: Stormwater Control Measures

Stormwater controls at ABQ are instituted in the form of Best Management Practices (BMPs) designed to address activities that are potential sources of stormwater pollution. Each BMP outlines measures designed to reduce the potential for stormwater pollution. There are currently eight BMPs implemented at ABQ. The BMPs are listed below and presented in their entirety in

Appendix F.

BMP 1 – Facility-Wide Best Management Practices

BMP 2 – Aircraft, Vehicle, and Equipment Maintenance

BMP 3 – Aircraft, Vehicle, and Equipment Cleaning

BMP 4 – Aircraft, Vehicle, and Equipment Storage

BMP 5 – Outdoor Handling, Storage, and Disposal of Waste and Materials

BMP 6 – Fuel Storage and Delivery

BMP 7 – Building and Grounds Maintenance

BMP 8 – Aircraft Deicing

Table F-1/Appendix F includes a matrix of which BMPs have been assigned to each tenant/operations according to activities performed at each location.

3.1 Minimize Exposure

All operators at ABQ shall minimize the potential for exposure of all materials to stormwater runoff. Methods of minimizing exposure include:

- Use grading, berming, or curbing to prevent stormwater from contacting on site contaminants;
- Locate materials and equipment and conduct activities indoors so leaks or spills are contained;
- Clean up spills promptly using dry methods (i.e. absorbents). Dispose of absorbents appropriately;
- Store leaking equipment or vehicles indoors or place drip pans beneath them. Drain fluids if prolonged storage is anticipated;
- Perform aircraft, vehicle, or equipment cleaning activities in approved locations (i.e. wash rack or inside maintenance hangars). Wash water shall always drain to the sanitary sewer and never to a storm drain;
- Conduct fueling activities under cover and on paved surfaces when possible. Keep all fuel stored outdoors within secondary containment.
- PPT members are required to inspect their facilities on a quarterly basis to ensure exposure to pollutants is minimal.

3.2 Good Housekeeping

Good housekeeping is an ongoing effort by all of the tenants of ABQ. Some specific techniques utilized by ABQ operators include:

- Sweep or vacuum paved surfaces on a regular basis. Collect and properly dispose of water from power washing activities;
- Solid waste pickup should occur frequently enough to prevent dumpsters from overfilling. Schedule special waste pick up events when necessary. Areas surrounding trash compactors should be bermed and drain to the sanitary sewer. Dumpsters should be plugged and free of leaks. Keep lids closed.
- Operators are required to inspect trash receptacles for the presence of potential stormwater pollutants (solid waste, hazardous fluids, leachate, etc.) associated with good housekeeping in conjunction with the quarterly routine facility inspections discussed in Section 5.
- Remove material and equipment that are not in use as soon as practical to prevent “bone yards” or material accumulation areas. Minimize inventory of fluids and reduce the number of chemicals stored on site.

3.3 Maintenance of Control Measures

Perform preventive maintenance on control measures to keep them in effective operating condition. Specific techniques for minimizing discharge of pollutants include:

- Maintain the integrity of structural control measures such as curbing, secondary containment, etc. Ensure cracks, openings, damage are not present.
- Clean secondary containment catch basins regularly and after rain events. Oil present in secondary containment basins shall be disposed properly.
- Clean storm drain inlets regularly to prevent buildup of materials and loss of function of the catch basin. Prevent floatables and other materials from contacting storm water.
- Corrective actions associated with control measures should follow the procedures outlined in Section 4.4.

3.4 Spill Prevention and Response

As stated in the BMP 1, each tenant is required to implement a facility specific Spill Response Plan (SRP). Spill response procedures vary by tenant according to the types and quantities of materials used and stored on site and whether or not the tenant has an SPCC Plan (Aviation Department, ASIG, Atlantic Aviation, Cutter, Swissport, and Eclipse Aerospace currently have SPCC plans in place). Spill prevention and response procedures should be assessed on a quarterly basis for facility

and personnel changes that might affect the efficiency in responding to a spill or release. Specific techniques for implementing spill prevention and response measures include:

- Plainly label all fluid storage tanks, drums, buckets, etc. (i.e. “Oil”, “Used Oil”, “Water”, “Spent Solvents”, etc.)
- Fluid containers stored outdoors or indoors directly adjacent to a doorway, shall be secondarily contained.
- Spill cleanup materials must be located where spills are likely to occur and must be stocked and labeled at all times.
- Dispose of spent cleanup materials immediately and properly.
- Develop training on the procedures for stopping, containing, and cleaning up leaks, spills, or other releases.
- Maintain current Safety Data Sheets for all materials stored on site to assist in emergency response.
- Report all spills, leaks, releases in accordance with the spill response plan and the procedures outlined in Section 4.4.
- Annual training of employees on spill response and proper use and disposal of spill kit materials



Example of a mobile spill response cart which includes a spill response plan and is stocked with appropriate spill cleanup materials.

3.5 Erosion and Sediment Controls

Most surfaces at ABQ are paved with asphalt or concrete or landscaped with gravel and/or vegetation. Grasses and other groundcover are maintained on infield areas around runways and taxiways. The greatest potential for erosion is where stormwater coalesces at the stormwater outfalls. Structural controls (addressed in BMP 7) currently in place to reduce or eliminate erosion at the stormwater outfalls include:

- Outfall SP1 – riprap
- Outfall SP2 – retention basin
- Outfall 08W – riprap and retention basin
- Outfall CRNE and CRNW – retention basin
- Outfall GAV – concrete dissipation structure and riprap gabions
- Outfall W3W – concrete dissipation structure
- Outfall W3S – concrete dissipation structure

- Outfalls 35A, 35B, and 35C – concrete outlets, riprap, concrete energy dissipation structures
- Outfalls S35A and S35B – corrugated metal pipe

Erosion is evaluated quarterly during stormwater monitoring events and annually during the dry weather evaluation of the stormwater outfalls. The Aviation Department is responsible for maintaining controls to prevent excess erosion and sediment transport. As part of the continued improvement of drainage structures at ABQ, the Aviation Department constructed stormwater drainage controls at outfalls 35A, 35B, and 35C in 2010. Tenants shall evaluate erosion as part of their quarterly routine inspections and report any significant findings to the Aviation Department. Stormwater management structures are shown on the **Drainage Plan (Figure 3 /Appendix C)**.

3.6 Management of Runoff

A network of stormwater drains exist throughout ABQ diverting all stormwater to the AMAFCA municipal separate storm sewer system (MS4). Stormwater from these storm sewer systems discharge at a series of outfalls. Stormwater outfalls CRNE, CRNW, SP2 and 08W drain into large retention basins before eventually discharging to the South Diversion Channel. All outfalls on the southern end of ABQ drain to a series of unlined tributary arroyos leading to the Tijeras Arroyo.

3.7 Salt Storage Piles or Piles Containing Salt

Refer to Section 2.4.

3.8 MSGP Sector-Specific Non-Numeric Effluent Limits

Sector S – Air Transportation has specific benchmark parameters only for airports which use more than 100,000 gallons of glycol-based deicing chemicals and/or 100 tons or more of urea on an annual basis. ABQ uses approximately 25,000-50,000 gallons of Type I glycol and 1,500 gallons of Type IV glycol and does not apply urea on the airfield. Therefore, Aviation does not meet this minimum threshold for requiring controls for effluent limits.

The EPA promulgated the Effluent Limitation Guidelines (ELG) and New Source Performance Standards for the Airport Deicing Category; Final Rule on May 16, 2012. This rule, which addresses airfield and aircraft deicing at airports, was integrated into MSGP 2015. In summary:

- Airfield Deicing: For all airports with 1,000 departures per year or more, the EPA has identified the use of alternative pavement deicers as the Best Available Technology (BAT) for eliminating urea use and consequently removing ammonia from airfield deicing discharges. Aviation does not apply urea on the airfield and only uses minimal amounts on the landside roads and sidewalks.
- Aircraft Deicing: For all airports dispensing less than 100,000 gallons of pure glycol in glycol based deicing fluids are not subject to the requirements of the ELG, but would have the technology based limitations for aircraft deicing discharges in their NPDES permits determined by the permitting authority on a case-by-case, best professional judgment basis. During dry weather deicing, Aviation already collects available ADF by using pavement sweepers consistent with the goals of the ELG.

In order to reduce the aggregate amount of deicing chemicals and/or lessen their environmental impact, ABQ uses alternatives such as potassium acetate and anhydrous sodium acetate. Potassium acetate is applied to runways, taxiways, and ramps. Sodium acetate is applied to ramps and roads. There are no specific benchmark parameters outlined for the use of these chemical alternatives.

Discharge of washwater and dry weather discharge of deicing chemicals is prohibited by MSGP Sector S. BMPs 1, 3, and 7 (**Appendix F**) have been implemented to eliminate occurrence of these discharges. Tenants who perform dry weather deicing are required to contact Aviation Department Airfield Maintenance to collect and properly dispose residual deicing fluid.

3.9 Employee Training

The Environmental Manager at the Aviation Department is responsible for providing training to other Aviation Department managers and tenant PPT members regarding the components and goals of this SWPPP. Each operator at ABQ is expected to send at least one representative (PPT member) to participate in annual SWPPP training and to conduct annual staff training for their organization. Employees who work in areas where industrial materials or activities are exposed to stormwater, or who are responsible for implementing activities to meet the conditions of the MSGP 2015 are required to have annual SWPPP training.



Aviation-Led SWPPP Training.

Training for PPT members will be provided by the Environmental Manager or designee at least annually, with additional training made available as requested by operators at ABQ. Annual training include, but are not limited to, the following:

- Purpose, need, and requirement for stormwater pollution prevention;
- Examples of unallowable non-stormwater discharges;
- Availability, layout, and contents of the SWPPP;
- Description and applicability of the BMPs;
- Good housekeeping and preventative maintenance requirements;
- Material management practices;
- Spill response procedures;
- Spill reporting requirements;
- Corrective action reporting;
- Documentation requirements; and
- Notice of Intent (NOI) submission (when applicable).

All training events must be documented including the date of training, identification of the trainer and attendees, and subjects covered. Training records for Aviation's PPT member training over the last three years are included in **Appendix G** of this SWPPP.

REPORTING PROCESS: Following each PPT member training session, Aviation will distribute training certificates by email to all staff and PPT members that attend training and submit a training assessment.

3.10 Non-Stormwater Discharges

An evaluation of non-stormwater discharges was performed as described in Section 2.3 Non-Stormwater Discharges Documentation.

Sector S of the MSGP 2015 specifically prohibits the discharge of aircraft, ground vehicle, runway and equipment wash waters; or the dry weather discharge of deicing chemicals.

3.11 Waste, Garbage and Floatable Debris

The Aviation Department sweeps the ABQ grounds on a routine basis. Fencing installed around each car rental facility as well as grates over storm drain inlets minimizes solid waste and floatables reaching the storm sewer and blowing off site. Each car rental facility is responsible for maintaining solid waste within their property and for periodically cleaning the grates over stormwater inlets. Solid waste and recyclable materials are temporarily stored in covered dumpsters at each car rental facility. Airfield maintenance cleans out storm drains within the property boundary each spring and fall and as-needed.

Good housekeeping by all ABQ tenants helps reduce the potential for waste, garbage, and floatable debris from becoming potential stormwater pollutants.

3.12 Dust Generation and Vehicle Tracking of Industrial Materials

All driving surfaces at ABQ are paved except near the outfalls outside of the southern fence line; therefore, there is little opportunity for dust generation or tracking of industrial materials. Any construction projects conducted on ABQ property will be covered under a separate construction SWPPP.

Section 4: Schedules and Procedures

4.1 Schedules and Procedures Pertaining to Control Measures

Schedules and procedures pertaining to control measures are discussed in Section 3 Stormwater Control Measures. Detailed procedures are provided in the form of BMPs included in **Appendix F**.

4.2 Schedules and Procedures Pertaining to Inspections

4.2.1 Routine Facility Inspections

The purpose of Routine Facility Inspections is to look for and identify:

1. Industrial materials, residue, or trash that could come into contact with stormwater;
2. Leaks or spills from industrial equipment, drums, tanks, containers, etc.;
3. Offsite tracking of industrial or waste materials, or sediment;
4. Tracking or blowing of waste materials; and
5. Control measures or BMPs needing replacement, maintenance, or repair.

The inspections must cover the following areas:

1. Fuel storage and dispensing areas;
2. Deicing fluid storage and dispensing areas;
3. Maintenance areas;
4. Fluid storage areas;
5. Used oil and fuel storage areas;
6. Vehicle, aircraft, or equipment washing areas;
7. Waste handling and disposal areas;
8. Outdoor materials handling and storage areas; and
9. Stormwater outfalls and areas susceptible to erosion (Aviation Department only).

Aviation has developed a standard quarterly inspection form covering all of the items listed above for use in conducting routine facility inspections. These forms are provided to each operator annually in electronic format and is included in **Appendix M**.

Schedule

Routine Facility Inspections must be conducted at least **once per annual quarter** during the entire permit term by Aviation and by each operator.

Once per calendar year, a routine facility inspection must be conducted while stormwater runoff is discharging from the site.

At least one Routine Facility Inspections will be conducted by Aviation and/or their designee. Inspection conducted by Aviation are denoted as “Aviation Led Inspections”. These inspections can take the place of a routine quarterly facility inspection conducted by each operator.

Persons Responsible for Inspections

Routine Facility Inspections must be conducted by qualified personnel. The inspections should be conducted by each operator’s PPT member or an appropriately trained staff member. A full list of ABQ PPT members is included in **Appendix A**.

Aviation Led Inspections will be conducted by the Aviation Department Environmental Manager and/or designee. Currently, inspections are conducted by Aviation Department and its contractor, CDM Smith.

ROUTINE FACILITY INSPECTIONS (4/YEAR)

1. Operators must conduct routine facility inspections at least quarterly.
2. One routine facility inspection must be conducted during a precipitation event.
3. Routine facility inspections may be substituted with an Aviation led inspection.

REPORTING PROCESS: Aviation will conduct at least one quarterly inspection at each operator’s facility. Each operator is responsible for conducting quarterly inspections for any remaining quarters (including one quarterly inspection during a precipitation event).

Aviation Led Inspections:

- ✓ Following each facility inspection conducted by Aviation and/or their designee, the inspector will email the completed inspection form to the appropriate operator’s PPT member.
- ✓ Additionally, each operator will receive a letter summarizing any identified deficiencies. PPT members will place completed inspection forms and letters with their SWPPP records and retain for a minimum of 3 years.
- ✓ PPT members will remedy the major or minor deficiencies identified in the letter within 30 days of receipt and provide Aviation written documentation of the actions taken.
- ✓ All completed quarterly inspection forms will be uploaded to the stormwater database and compiled into a report for submittal to the Aviation Department.

Operator Led Inspections:

- ✓ Following each facility inspection conducted by each operator’s PPT member, the completed inspection form will be placed with the SWPPP documentation and retained for a minimum of three years.
- ✓ All deficiencies observed will be corrected and documented.

4.2.2 Monthly Deicing Inspections

Deicing season is designated as October – March; however, most deicing operations occur at ABQ during the period from November – February. During the designated deicing season, monthly deicing inspections are conducted by Aviation and/or designee. Inspectors mobilize to ABQ when weather conditions are conducive to aircraft deicing. Inspectors will mobilize to either the main terminal or the cargo area. Inspectors collect and report the following information during each deicing inspection:

1. Weather conditions
2. Airlines performing deicing operations
 - a. Verify aircraft are at least 50 ft from the nearest storm drain
 - b. Verify the amount of fluid sprayed appears appropriate for weather conditions
3. Glycol collection activities by Airfield Maintenance sweeper vehicle
4. Obtain Airfield Maintenance report log to confirm which airlines report deicing activities
5. Photographs



Application of deicing fluid at the Sunport. Deicing inspections are performed on a monthly basis.

REPORTING PROCESS:

- ✓ Following each monthly deicing inspection conducted by the Aviation Department and/or their designee, the inspector will compile a letter report for retention by Aviation.
- ✓ Aviation will follow up (via email) with any airlines who failed to report deicing activities and/or are performing deicing activities in inappropriate locations or manner.

4.3 Schedules and Procedures Pertaining to Monitoring

4.3.1 Quarterly Visual Stormwater Assessment

Schedule

Once per calendar quarter of the entire permit term, Aviation and/or its designee will conduct **quarterly visual stormwater assessments** at each designated stormwater outfall. During quarters without a rainfall event resulting in discharge, the monitoring event will be rescheduled to occur during the predominately rainy season (July – September). During adverse weather conditions which may prevent collection of a sample (i.e. local flooding, high winds, electrical

storms, or other dangerous situations), the monitoring event will be substituted with the next storm event.

Procedures

The visual stormwater assessment must be made at all outfall locations identified on **Figure 3/ Appendix C**:

1. Of a sample in a clean, colorless glass or plastic container, and examined in a well-lit area;
2. On samples collected within 30 minutes of an actual storm water discharge. *If it is not possible to collect a sample within the first 30 minutes following discharge, the sample must be taken as soon as practicable and documentation must be made in the report.*
3. On samples of storm events that occur at least 72 hours from the previous storm event.



Stormwater grab sample taken from outfall being visually evaluated for presence of potential contaminants.

The following observations must be documented:

1. Stormwater color, odor, clarity;
2. Presence of floating, settled, or suspended solids;
3. Presence of foam, oil sheen, or other obvious indicator of stormwater pollution.

The person(s) currently responsible for visual stormwater assessments include:

City of Albuquerque Aviation Department Environmental Manager and current contractor, CDM Smith

The following documentation will be included in each quarterly visual stormwater monitoring report:

1. Outfall ID
2. Sample collection date/time
3. Personnel performing the assessment, including signatures
4. Nature of the discharge (i.e. runoff or snowmelt)
5. Results of observations of the stormwater discharge
6. Probably sources of any observed stormwater contamination
7. If applicable, why it was not possible to assess stormwater within 30 minutes of discharge
8. A statement, signed and certified.

Visual monitoring reports will be prepared by Aviation and/or its designee and placed with the SWPPP records and uploaded to the stormwater database.

REPORTING PROCESS:

- ✓ Following each quarterly visual stormwater assessment conducted by the Aviation Department and/or their designee, the inspector will compile a letter report for retention by Aviation.
- ✓ Aviation will initiate a follow up inspection of any drainage basin associated with stormwater outfall in which stormwater pollution was identified. Follow up inspections will be documented in accordance with the Corrective Action Schedule.

4.3.2 Benchmark Monitoring

For Sector S, Sector-Specific Benchmark Monitoring is required if glycol use at the airport exceeds 100,000 gallons and/or urea usage exceeds 100 tons. Total glycol at ABQ has never exceeded these threshold values; therefore, **benchmark monitoring is not required**. If the threshold values are projected to be exceeded in any year, Aviation will complete the benchmark monitoring for Sector S.

4.3.3 ELG Monitoring

Aircraft Pavement Deicing

As noted in Section 3.8, Aviation utilizes approximately urea on the land side of the airport. Sector S prohibits the discharge of airfield pavement deicers containing urea and has established an effluent limitation of 14.7 mg/L of ammonia as nitrogen in stormwater effluent. Aviation does not apply urea containing deicers to the airfield; therefore, ELG monitoring is not applicable.

Aircraft Deicing

The MSGP requires that airports with more than 1,000 or more aircraft departures meet the applicable requirements for aircraft deicing in 40 CFR 449.11(a). This CFR requires that Aviation must collect at least 60 percent of the available aircraft deicing fluid. During aircraft deicing season, Airfield Maintenance collects glycol over sprayed by aircraft deicing activities by using a pavement sweeping vehicle. All collected glycol is discharged to the sanitary sewer at the Airfield Maintenance facility.

4.3.4 State- or Tribal-Specific Monitoring

None required.

4.3.5 Impaired Waters Monitoring

Impaired waters monitoring is required upon written notice from the EPA as described in section 6.2.4. *Impaired Waters Monitoring Schedule* of the MSGP. ABQ will implement impaired waters monitoring if notified by the EPA.

4.3.6 Substantially Identical Outfall Exception

Aviation plans to use the substantially identical outfall exception for quarterly visual stormwater assessment requirements; therefore, herein provides the following required information.

Location of each of the substantially identical outfalls.

Two sets of substantially identical outfalls exist at ABQ:
1) Outfall W3W is substantially identical to outfall W3S;
and, 2) outfalls 35A, 35B, and 35C are substantially identical to outfalls S35A and S35B. All four substantially identical outfalls are located on the southern boundary of ABQ (**Figure 3/Appendix C**). Outfall W3W is southeast of Runway 3-21 and outfall W3S is located near Los Picaros Road. Outfalls 35A, 35B, and 35C are located directly south of former Runway 17-35 (this runway has been milled and is no longer in use) and outfall S35A and S35B is located southwest of Runway 12-30.

Description of the general industrial activities conducted in the drainage area of each outfall.

Drainage basin W3S includes industrial activities such as cargo handling and cargo aircraft fueling, aircraft deicing, aircraft arrivals and departures, and runway maintenance including application of road and runway deicing chemicals. Water quality at outfall W3W is expected to be substantially identical to that of W3S.



Stormwater discharges at Outfall W3W are substantially identical to W3S.

Activities conducted in drainage basins SW35 and S35 include only aircraft arrivals and departures and runway maintenance. Water quality at outfalls 35A, 35B, and 35C is expected to be substantially identical to that of outfalls S35A and S35B.

Description of the control measures implemented in the drainage area of each outfall:

Outfall W3W – concrete energy dissipation structure

Outfall W3S – large engineered energy dissipation structure

Outfalls 35A, 35B, and 35C – concrete outlets, riprap, concrete energy dissipation structures

Outfall S35A and S35B – compromised riprap

Description of the exposed materials located in the drainage area of each outfall that are likely to be significant contributors of pollutants to stormwater discharges:

Outfall W3W – runway deicing chemicals, rubber, aircraft fuel, and aircraft deicing fluid

Outfall W3S – runway deicing chemicals, rubber, aircraft fuel, and aircraft deicing fluid

Outfalls 35A, 35B, and 35C – runway deicing chemicals and rubber

Outfall S35A and S35B – runway deicing chemicals and rubber

Estimate of the runoff coefficient of the drainage areas (low=under 40%; medium=40 to 65%; high =above 65%):

Approximate drainage basin areas and runoff coefficients are tabulated in **Table 6**.

Table 6
Substantially Identical Outfall Areas and Coefficient of Runoff

Stormwater Outfall	Total Area (acres)	Paved Area (acres)	Percent Paved
Outfall W3W	164	47	29% Medium
Outfall W3S	450	159	35% Low
Outfall 35A, 35B, and 35C	68	19	28% Low
Outfall S35A and S35B	74	21	28% Low

Note: All areas and percentages are approximate.

Why the outfalls are expected to discharge substantially identical effluents? Outfalls W3W, SW35ABC, and S35AB are expected to discharge substantially identical effluents as outfall W3S which is monitored quarterly. Aircraft arrivals and departures and runway anti-icing are the only activities conducted in drainage areas of SW35 and S35. These activities also occur in drainage area W3. Drainage area W3 is substantially larger than areas SW35 and S35 and involves additional industrial activities such as cargo handling and cargo aircraft fueling and deicing. Outfall W3W drains from a small area of W3 where runway arrivals and departures occur. Monitoring outfall W3S captures all industrial activity on the southern half of ABQ therefore represents a worst case monitoring point for outfalls W3S, W3W, SW35ABC, and S35AB. In addition to substantially identical effluents; mobilizing to outfalls W3W, SW35ABC, and S35AB involves driving across the channel of Tijeras Arroyo during runoff conditions posing a threat to human safety and difficult 4-wheel driving conditions to access these outfalls located along the southern airport property fence line.

4.4 Schedules and Procedures Pertaining to Corrective Action

Conditions that may require corrective action include those that have an immediate threat to stormwater quality, including, but not limited to:

1. Spill or leak
2. Unallowed non-stormwater discharge
3. Discharge of wastewater
4. Damaged control measure
5. Stormwater contact with industrial materials
6. Pollutants entering the drainage system
7. Evidence of pollution during stormwater visual assessment

When an inspection, monitoring event, or other site observation reveals a condition that may result in stormwater pollution, the corrective action schedule must be implemented:

1. Immediate Actions – Within 24 Hours
 - a. Minimize or prevent the discharge of pollutants until a permanent solution is installed.
 - b. Cleanup any contaminated surfaces so that material will not discharge in subsequent storm events.
 - c. Document the conditions observed. Documentation should include:
 - 1) Condition triggering the corrective action
 - a) For spills include material, volume, reason causing the release
 - 2) Date/time
 - 3) Location
 - 4) Description of immediate actions taken
 - a) For spills include response actions, date/time cleanup completed, notifications made, and staff involved.
 - 5) Signature of an individual with signatory authority.
2. Subsequent Actions – Within 14 Days
 - a. Install or modify a control measure to prevent continued or reoccurring discharge.
 - b. Notify the Aviation Environmental Manager in writing of what actions were taken (CALbrecht@cabq.gov).
 - c. Place written documentation in the corrective action section of your operating SWPPP (Appendix L). Documentation should include:
 - 1) Description of corrective actions taken with beginning and end dates.
 - 2) If applicable, document why it is not feasible to have corrective action installation within 14 days and your schedule for completing the controls and making them operational.

4.5 Schedules and Procedures Pertaining to Annual Reports

An Annual Report is required to be prepared and submitted to the EPA each year by January 30, covering the past calendar year. The Annual Report includes

- Routine facility inspection documentation
- Statement of compliance with effluent limitation, if applicable
- Summary of quarterly visual assessment documentation

- Summary of why additional pollutant reduction is not practical, if applicable
- Summary of past year's corrective action documentation

On July 9, 2015, the Aviation Environmental Manager verified with a representative of the EPA, the EPA's interpretation of the Sector S airport authority and tenant requirements and responsibilities, including, but not limited to, reporting, submittals, and SWPPP development. The EPA representative concurred that under MSGP 2015 Sector S Part 8.S.3.2, as long as roles and responsibilities are identified and documented in the SWPPP, the airport authority can take responsibility for the following and other activities:

1. Assign certain MSGP requirements
2. Perform certain activities and report on behalf of the airport and tenants (quarterly visual monitoring of outfalls, annual reports, etc.)
3. Report on airport and tenants' industrial activities
4. Compile and report deicing usage

Aviation takes responsibility, as the airport authority to prepare and submit a single annual report, covering all activities at the ABQ. The following describes activities performed by Aviation on behalf of tenants and activities that require tenant input to prepare and submit a single, all-inclusive annual reports.

1. Aviation Contribution
 - a. Perform and provide documentation for two of the routine facility inspections.
 - b. Provide the review and documentation required for effluent limitations, as applicable;
 - c. Perform and document quarterly visual assessments;
 - d. Review and provide the necessary documentation for benchmark monitoring exceedance occurrences and pollution reduction, as applicable;
 - e. Prepare corrective action reports, as applicable;
 - f. Provide tenants with a copy of the Annual Reports, **Attachment M**.

2. TENANT RESPONSIBILITIES

- a. Attend and facilitate four routine facility inspections per year. Attends the Aviation led inspections. Provides documentation that deficiencies identified during inspections are corrected;
- b. Conducting and documenting the routine inspection during a rain event.
- c. If involved in a Corrective Action, follow the reporting process described in Section 4.4 and provide Aviation with documentation necessary.
- d. Supply Aviation with the required documentation in time to submit the Annual Report.
- e. Submit an Annual Report, which references Aviation's NPDES number. This fulfills the tenants reporting requirements.
- f. Retain a copy of the Annual Report with SWPPP documentation.

This Page Intentionally Left Blank

Section 5: Documentation to Support Eligibility Considerations under Other Federal Laws

5.1 Documentation Regarding Endangered Species

In accordance with the requirements of *MSGP 2015*, an eligibility screening was performed with regards to endangered species. The eligibility screening followed the procedures outlined in Appendix E of the *MSGP 2015*. **Appendix H** of this SWPPP contains a memorandum, which provides an update of the US Fish and Wildlife Service's (FWS) list of threatened and endangered species. Appendix H also contains the 2015 memorandum describing the eligibility screening process and findings. ABQ was found to be eligible for coverage under the MSGP with respect to endangered species under Criterion C. The Criterion C Eligibility Form was submitted to the EPA on July 17, 2015. Approval of eligibility under Criterion C is assumed as no notification was received within 30 days of submittal to EPA.

When completing and submitting an NOI, all operators shall select Criterion B indicating that discharges and discharge-related activities were already addressed in another operator's valid certification of eligibility for your action area under this permit and there is no reason to believe that federally listed species or designated critical habitat not considered in the prior certification may be present or located in the "action area".

5.2 Documentation Regarding Historic Properties

In accordance with the requirements of *MSGP 2015*, an eligibility screening was performed with regards to historic properties. The eligibility screening followed the procedures outlined in Appendix F of the *MSGP 2015*. **Appendix I** of this SWPPP contains a memorandum describing the eligibility screening process and findings. ABQ was found to be eligible for coverage under the MSGP with respect to historic properties under Criterion A.

5.3 Documentation Regarding NEPA Review (if applicable)



ABQ is not subject to any New Source Performance Standards (NSPS) as described in Section 1.1.2.5 of *MSGP 2015*; therefore, NEPA process review is not required.

This Page Intentionally Left Blank

Section 6: SWPPP Certification

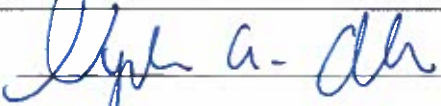
6.1 Person(s) Responsible for SWPPP Preparation

The SWPPP shall be prepared in accordance with good engineering practices and to industry standards. The SWPPP was developed by a "qualified person" as defined by the MSGP 2015. A "qualified person" is a person knowledgeable in the principles and practices of industrial stormwater controls and pollution prevention, and possesses the education and ability to assess conditions at the industrial facility that could impact stormwater quality, and the education and ability to assess the effectiveness of stormwater controls selected and installed to meet the requirements of the permit.

Name	<u>Dacia R. Tucholke</u>	Title	<u>Project Manager</u>
Signature	<u></u>	Date	<u>5/21/2018</u>
Name	<u>Christopher P. Albrecht</u>	Title	<u>Environmental Manager</u>
Signature	<u></u>	Date	<u>5/21/18</u>

6.2 SWPPP Certification – Aviation Department

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information contained therein. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information contained is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name	<u>Nyika A. Allen</u>	Title	<u>Director of Aviation</u>
Signature	<u></u>	Date	<u>5/23/18</u>

As an individual operator among multiple operators with compliance responsibilities under the comprehensive SWPPP, I acknowledge that each operator's responsibilities are clearly identified in the comprehensive SWPPP, including responsibility to comply with the standard permit conditions found in Appendix B of 2015 MSGP, to implement its assigned portion of the comprehensive SWPPP, to ensure that its individual activities do not render another operator's stormwater controls ineffective, and to ensure all requirements of its own MSGP coverage are met regardless of whether the comprehensive SWPPP allocates the actual implementation of any of those responsibilities to another entity.

Name Andrew Spring Title Materials Manager


Signature *Andrew Spring* Date 7 May 2018

TENANT RESPONSIBILITIES

Each tenant must sign and return this form to the Environmental Manager for inclusion in the

6.3 SWPPP Acknowledgement – Operators

As an individual operator among multiple operators with compliance responsibilities under the comprehensive SWPPP, I acknowledge that each operator's responsibilities are clearly identified in the comprehensive SWPPP, including responsibility to comply with the standard permit conditions found in Appendix B of 2015 MSGP, to implement its assigned portion of the comprehensive SWPPP, to ensure that its individual activities do not render another operator's stormwater controls ineffective, and to ensure all requirements of its own MSGP coverage are met regardless of whether the comprehensive SWPPP allocates the actual implementation of any of those responsibilities to another entity.

Name Thomas Heinemeyer Title General Manager
Signature  Date 5/15/18


TENANT RESPONSIBILITIES

Each tenant must sign and return this form to the Environmental Manager for inclusion in the Aviation's SWPPP. Refer to b.11

6.3 SWPPP Acknowledgement – Operators

As an individual operator among multiple operators with compliance responsibilities under the comprehensive SWPPP, I acknowledge that each operator's responsibilities are clearly identified in the comprehensive SWPPP, including responsibility to comply with the standard permit conditions found in Appendix B of 2015 MSGP, to implement its assigned portion of the comprehensive SWPPP, to ensure that its individual activities do not render another operator's stormwater controls ineffective, and to ensure all requirements of its own MSGP coverage are met regardless of whether the comprehensive SWPPP allocates the actual implementation of any of those responsibilities to another entity.

Name Graham C Gadzia Title Environmental Affairs Manager

Signature  Date 04/24/2018

TENANT RESPONSIBILITIES

Each tenant must sign and return this form to the Environmental Manager for inclusion in the Aviation's SWPPP. Refer to b.11

As an individual operator among multiple operators with compliance responsibilities under the comprehensive SWPPP, I acknowledge that each operator's responsibilities are clearly identified in the comprehensive SWPPP, including responsibility to comply with the standard permit conditions found in Appendix B of 2015 MSGP, to implement its assigned portion of the comprehensive SWPPP, to ensure that its individual activities do not render another operator's stormwater controls ineffective, and to ensure all requirements of its own MSGP coverage are met regardless of whether the comprehensive SWPPP allocates the actual implementation of any of those responsibilities to another entity.

Name Diana Canales Title Staff Assistant
Signature [Signature] Date 4/23/2018

TENANT RESPONSIBILITIES

Each tenant must sign and return this form to the Environmental Manager for inclusion in the

6.3 SWPPP Acknowledgement – Operators

As an individual operator among multiple operators with compliance responsibilities under the comprehensive SWPPP, I acknowledge that each operator's responsibilities are clearly identified in the comprehensive SWPPP, including responsibility to comply with the standard permit conditions found in Appendix B of 2015 MSGP, to implement its assigned portion of the comprehensive SWPPP, to ensure that its individual activities do not render another operator's stormwater controls ineffective, and to ensure all requirements of its own MSGP coverage are met regardless of whether the comprehensive SWPPP allocates the actual implementation of any of those responsibilities to another entity.

Name Joseph Gutierrez Title ABQ Base Manager AmeriFlight
Signature Joseph Gutierrez Date 5/7/18

TENANT RESPONSIBILITIES

Each tenant must sign and return this form to the Environmental Manager for inclusion in the Aviation's SWPPP. Refer to b.11

6.3 SWPPP Acknowledgement – Operators

As an individual operator among multiple operators with compliance responsibilities under the comprehensive SWPPP, I acknowledge that each operator's responsibilities are clearly identified in the comprehensive SWPPP, including responsibility to comply with the standard permit conditions found in Appendix B of 2015 MSGP, to implement its assigned portion of the comprehensive SWPPP, to ensure that its individual activities do not render another operator's stormwater controls ineffective, and to ensure all requirements of its own MSGP coverage are met regardless of whether the comprehensive SWPPP allocates the actual implementation of any of those responsibilities to another entity.

Name Evelyn W. Winters Title General Manager
Signature [Signature] Date 5/7/2018

TENANT RESPONSIBILITIES

Each tenant must sign and return this form to the Environmental Manager for inclusion in the Aviation's SWPPP. Refer to b.11

6.3 SWPPP Acknowledgement – Operators

As an individual operator among multiple operators with compliance responsibilities under the comprehensive SWPPP, I acknowledge that each operator's responsibilities are clearly identified in the comprehensive SWPPP, including responsibility to comply with the standard permit conditions found in Appendix B of 2015 MSGP, to implement its assigned portion of the comprehensive SWPPP, to ensure that its individual activities do not render another operator's stormwater controls ineffective, and to ensure all requirements of its own MSGP coverage are met regardless of whether the comprehensive SWPPP allocates the actual implementation of any of those responsibilities to another entity.

Name Daniel Thompson Title Line Service Manager
Signature [Signature] Date 05-07-2018

TENANT RESPONSIBILITIES

Each tenant must sign and return this form to the Environmental Manager for inclusion in the Aviation's SWPPP. Refer to b.11

6.3 SWPPP Acknowledgement – Operators

As an individual operator among multiple operators with compliance responsibilities under the comprehensive SWPPP, I acknowledge that each operator's responsibilities are clearly identified in the comprehensive SWPPP, including responsibility to comply with the standard permit conditions found in Appendix B of 2015 MSGP, to implement its assigned portion of the comprehensive SWPPP, to ensure that its individual activities do not render another operator's stormwater controls ineffective, and to ensure all requirements of its own MSGP coverage are met regardless of whether the comprehensive SWPPP allocates the actual implementation of any of those responsibilities to another entity. *BODE AVIATION*

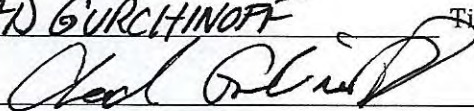
Name IAN OLSTAD Title H.R. MANAGER
Signature *Ian Olstad* Date 04/25/2018

TENANT RESPONSIBILITIES

Each tenant must sign and return this form to the Environmental Manager for inclusion in the Aviation's SWPPP. Refer to b.11

6.3 SWPPP Acknowledgement – Operators

As an individual operator among multiple operators with compliance responsibilities under the comprehensive SWPPP, I acknowledge that each operator's responsibilities are clearly identified in the comprehensive SWPPP, including responsibility to comply with the standard permit conditions found in Appendix B of 2015 MSGP, to implement its assigned portion of the comprehensive SWPPP, to ensure that its individual activities do not render another operator's stormwater controls ineffective, and to ensure all requirements of its own MSGP coverage are met regardless of whether the comprehensive SWPPP allocates the actual implementation of any of those responsibilities to another entity.

Name CHAD GURCHINOFF Title TEAM LEAD
Signature  Date 16 MAY 18

TENANT RESPONSIBILITIES

Each tenant must sign and return this form to the Environmental Manager for inclusion in the Aviation's SWPPP. Refer to b.11

6.3 SWPPP Acknowledgement – Operators

As an individual operator among multiple operators with compliance responsibilities under the comprehensive SWPPP, I acknowledge that each operator's responsibilities are clearly identified in the comprehensive SWPPP, including responsibility to comply with the standard permit conditions found in Appendix B of 2015 MSGP, to implement its assigned portion of the comprehensive SWPPP, to ensure that its individual activities do not render another operator's stormwater controls ineffective, and to ensure all requirements of its own MSGP coverage are met regardless of whether the comprehensive SWPPP allocates the actual implementation of any of those responsibilities to another entity.

Name Jessi Bowden Title General Manager Cutter Aviation
Signature Jessi Bowden Date 4/23/18

TENANT RESPONSIBILITIES

Each tenant must sign and return this form to the Environmental Manager for inclusion in the Aviation's SWPPP. Refer to b.11

6.3 SWPPP Acknowledgement – Operators

As an individual operator among multiple operators with compliance responsibilities under the comprehensive SWPPP, I acknowledge that each operator's responsibilities are clearly identified in the comprehensive SWPPP, including responsibility to comply with the standard permit conditions found in Appendix B of 2015 MSGP, to implement its assigned portion of the comprehensive SWPPP, to ensure that its individual activities do not render another operator's stormwater controls ineffective, and to ensure all requirements of its own MSGP coverage are met regardless of whether the comprehensive SWPPP allocates the actual implementation of any of those responsibilities to another entity.


Name Lars James Title Station Manager
Signature LJ James Date 5/3/18

TENANT RESPONSIBILITIES

Each tenant must sign and return this form to the Environmental Manager for inclusion in the Aviation's SWPPP. Refer to b.11

6.3 SWPPP Acknowledgement – Operators

As an individual operator among multiple operators with compliance responsibilities under the comprehensive SWPPP, I acknowledge that each operator's responsibilities are clearly identified in the comprehensive SWPPP, including responsibility to comply with the standard permit conditions found in Appendix B of 2015 MSGP, to implement its assigned portion of the comprehensive SWPPP, to ensure that its individual activities do not render another operator's stormwater controls ineffective, and to ensure all requirements of its own MSGP coverage are met regardless of whether the comprehensive SWPPP allocates the actual implementation of any of those responsibilities to another entity.

Name  Title MANAGER
Signature NATHAN DEMAR Date 05/07/18

TENANT RESPONSIBILITIES

Each tenant must sign and return this form to the Environmental Manager for inclusion in the Aviation's SWPPP. Refer to b.11

6.3 SWPPP Acknowledgement – Operators

As an individual operator among multiple operators with compliance responsibilities under the comprehensive SWPPP, I acknowledge that each operator's responsibilities are clearly identified in the comprehensive SWPPP, including responsibility to comply with the standard permit conditions found in Appendix B of 2015 MSGP, to implement its assigned portion of the comprehensive SWPPP, to ensure that its individual activities do not render another operator's stormwater controls ineffective, and to ensure all requirements of its own MSGP coverage are met regardless of whether the comprehensive SWPPP allocates the actual implementation of any of those responsibilities to another entity.

Name Lynn C. Judge Title HR Manager
Signature L C Judge Date 4/24/18

TENANT RESPONSIBILITIES

Each tenant must sign and return this form to the Environmental Manager for inclusion in the Aviation's SWPPP. Refer to b.11

6.3 SWPPP Acknowledgement – Operators

As an individual operator among multiple operators with compliance responsibilities under the comprehensive SWPPP, I acknowledge that each operator's responsibilities are clearly identified in the comprehensive SWPPP, including responsibility to comply with the standard permit conditions found in Appendix B of 2015 MSGP, to implement its assigned portion of the comprehensive SWPPP, to ensure that its individual activities do not render another operator's stormwater controls ineffective, and to ensure all requirements of its own MSGP coverage are met regardless of whether the comprehensive SWPPP allocates the actual implementation of any of those responsibilities to another entity.


Name ERIC RUSSELL Title RAMP OPERATIONS MANAGER
Signature S-R Date 05-08-18 ^{FEDEX}

TENANT RESPONSIBILITIES

Each tenant must sign and return this form to the Environmental Manager for inclusion in the Aviation's SWPPP. Refer to b.11

6.3 SWPPP Acknowledgement – Operators

As an individual operator among multiple operators with compliance responsibilities under the comprehensive SWPPP, I acknowledge that each operator's responsibilities are clearly identified in the comprehensive SWPPP, including responsibility to comply with the standard permit conditions found in Appendix B of 2015 MSGP, to implement its assigned portion of the comprehensive SWPPP, to ensure that its individual activities do not render another operator's stormwater controls ineffective, and to ensure all requirements of its own MSGP coverage are met regardless of whether the comprehensive SWPPP allocates the actual implementation of any of those responsibilities to another entity.

Name ANDREW F MATUSOV Title SENIOR ANALYST ENVIRONMENTAL SERVICE
Signature  Date 5-7-2018

TENANT RESPONSIBILITIES

Each tenant must sign and return this form to the Environmental Manager for inclusion in the Aviation's SWPPP. Refer to b.11

6.3 SWPPP Acknowledgement – Operators

As an individual operator among multiple operators with compliance responsibilities under the comprehensive SWPPP, I acknowledge that each operator's responsibilities are clearly identified in the comprehensive SWPPP, including responsibility to comply with the standard permit conditions found in Appendix B of 2015 MSGP, to implement its assigned portion of the comprehensive SWPPP, to ensure that its individual activities do not render another operator's stormwater controls ineffective, and to ensure all requirements of its own MSGP coverage are met regardless of whether the comprehensive SWPPP allocates the actual implementation of any of those responsibilities to another entity.

Name Maria Towne Title Safety and Maintenance Manager
Signature [Signature] Date 04/23/18

TENANT RESPONSIBILITIES

Each tenant must sign and return this form to the Environmental Manager for inclusion in the Aviation's SWPPP. Refer to b.11

6.3 SWPPP Acknowledgement – Operators

As an individual operator among multiple operators with compliance responsibilities under the comprehensive SWPPP, I acknowledge that each operator's responsibilities are clearly identified in the comprehensive SWPPP, including responsibility to comply with the standard permit conditions found in Appendix B of 2015 MSGP, to implement its assigned portion of the comprehensive SWPPP, to ensure that its individual activities do not render another operator's stormwater controls ineffective, and to ensure all requirements of its own MSGP coverage are met regardless of whether the comprehensive SWPPP allocates the actual implementation of any of those responsibilities to another entity.

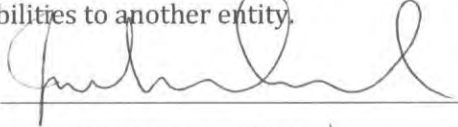
Name Timothy J. Dowling Title Owner
Signature [Signature] Date 5/7/18

TENANT RESPONSIBILITIES

Each tenant must sign and return this form to the Environmental Manager for inclusion in the Aviation's SWPPP. Refer to b.11

6.3 SWPPP Acknowledgement – Operators

As an individual operator among multiple operators with compliance responsibilities under the comprehensive SWPPP, I acknowledge that each operator's responsibilities are clearly identified in the comprehensive SWPPP, including responsibility to comply with the standard permit conditions found in Appendix B of 2015 MSGP, to implement its assigned portion of the comprehensive SWPPP, to ensure that its individual activities do not render another operator's stormwater controls ineffective, and to ensure all requirements of its own MSGP coverage are met regardless of whether the comprehensive SWPPP allocates the actual implementation of any of those responsibilities to another entity.

Name  Title Station Manager
Signature JEFF HUDSON Date 5/15/18

TENANT RESPONSIBILITIES

Each tenant must sign and return this form to the Environmental Manager for inclusion in the Aviation's SWPPP. Refer to b.11

6.3 SWPPP Acknowledgement – Operators


As an individual operator among multiple operators with compliance responsibilities under the comprehensive SWPPP, I acknowledge that each operator's responsibilities are clearly identified in the comprehensive SWPPP, including responsibility to comply with the standard permit conditions found in Appendix B of 2015 MSGP, to implement its assigned portion of the comprehensive SWPPP, to ensure that its individual activities do not render another operator's stormwater controls ineffective, and to ensure all requirements of its own MSGP coverage are met regardless of whether the comprehensive SWPPP allocates the actual implementation of any of those responsibilities to another entity.

Name Mallory D. Lawrence Title Lead Mechanic
Signature [Signature] 6690 Date 04.23.18

TENANT RESPONSIBILITIES

Each tenant must sign and return this form to the Environmental Manager for inclusion in the Aviation's SWPPP. Refer to b.11

As an individual operator among multiple operators with compliance responsibilities under the comprehensive SWPPP, I acknowledge that each operator's responsibilities are clearly identified in the comprehensive SWPPP, including responsibility to comply with the standard permit conditions found in Appendix B of 2015 MSGP, to implement its assigned portion of the comprehensive SWPPP, to ensure that its individual activities do not render another operator's stormwater controls ineffective, and to ensure all requirements of its own MSGP coverage are met regardless of whether the comprehensive SWPPP allocates the actual implementation of any of those responsibilities to another entity.

Name Vince McGuire Title Manager, Environmental, Health & Safety
PHI Air Medical, LLC
Signature  Date 4/30/2018

TENANT RESPONSIBILITIES

Each tenant must sign and return this form to the Environmental Manager for inclusion in the

6.3 SWPPP Acknowledgement – Operators

As an individual operator among multiple operators with compliance responsibilities under the comprehensive SWPPP, I acknowledge that each operator's responsibilities are clearly identified in the comprehensive SWPPP, including responsibility to comply with the standard permit conditions found in Appendix B of 2015 MSGP, to implement its assigned portion of the comprehensive SWPPP, to ensure that its individual activities do not render another operator's stormwater controls ineffective, and to ensure all requirements of its own MSGP coverage are met regardless of whether the comprehensive SWPPP allocates the actual implementation of any of those responsibilities to another entity.

Organization JP PLUS TRANSPORTATION

Name WILLIAM ALBERTI

Title FACILITY MANAGER

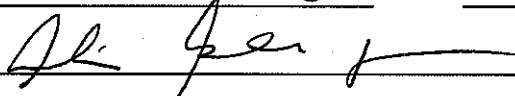
Signature 

Date 5-16-18

TENANT RESPONSIBILITIES

Each operator must sign and return this form to the Environmental Manager for inclusion in the Aviation's SWPPP. Refer to MSGP Appendix B.11.

As an individual operator among multiple operators with compliance responsibilities under the comprehensive SWPPP, I acknowledge that each operator's responsibilities are clearly identified in the comprehensive SWPPP, including responsibility to comply with the standard permit conditions found in Appendix B of 2015 MSGP, to implement its assigned portion of the comprehensive SWPPP, to ensure that its individual activities do not render another operator's stormwater controls ineffective, and to ensure all requirements of its own MSGP coverage are met regardless of whether the comprehensive SWPPP allocates the actual implementation of any of those responsibilities to another entity.


Name ARTURO GALVAN JR Title STATION MANAGER
Signature  Date 4/24/18

TENANT RESPONSIBILITIES

Each tenant must sign and return this form to the Environmental Manager for inclusion in the

6.3 SWPPP Acknowledgement – Operators

As an individual operator among multiple operators with compliance responsibilities under the comprehensive SWPPP, I acknowledge that each operator's responsibilities are clearly identified in the comprehensive SWPPP, including responsibility to comply with the standard permit conditions found in Appendix B of 2015 MSGP, to implement its assigned portion of the comprehensive SWPPP, to ensure that its individual activities do not render another operator's stormwater controls ineffective, and to ensure all requirements of its own MSGP coverage are met regardless of whether the comprehensive SWPPP allocates the actual implementation of any of those responsibilities to another entity.

Name Loran Drellack Title General Manager - Swissport Fueling ABQ
Signature  Date May 7th, 2018

TENANT RESPONSIBILITIES

Each tenant must sign and return this form to the Environmental Manager for inclusion in the Aviation's SWPPP. Refer to b.11

6.3 SWPPP Acknowledgement – Operators

As an individual operator among multiple operators with compliance responsibilities under the comprehensive SWPPP, I acknowledge that each operator's responsibilities are clearly identified in the comprehensive SWPPP, including responsibility to comply with the standard permit conditions found in Appendix B of 2015 MSGP, to implement its assigned portion of the comprehensive SWPPP, to ensure that its individual activities do not render another operator's stormwater controls ineffective, and to ensure all requirements of its own MSGP coverage are met regardless of whether the comprehensive SWPPP allocates the actual implementation of any of those responsibilities to another entity.

Name Evel Alexander Title Senior General Manager
Signature [Signature] Date 5.7.18

TENANT RESPONSIBILITIES

Each tenant must sign and return this form to the Environmental Manager for inclusion in the Aviation's SWPPP. Refer to b.11

6.3 SWPPP Acknowledgement – Operators

As an individual operator among multiple operators with compliance responsibilities under the comprehensive SWPPP, I acknowledge that each operator's responsibilities are clearly identified in the comprehensive SWPPP, including responsibility to comply with the standard permit conditions found in Appendix B of 2015 MSGP, to implement its assigned portion of the comprehensive SWPPP, to ensure that its individual activities do not render another operator's stormwater controls ineffective, and to ensure all requirements of its own MSGP coverage are met regardless of whether the comprehensive SWPPP allocates the actual implementation of any of those responsibilities to another entity.

Organization PrimeFlight Aviation Services

Name Earl Alexander

Title Senior General Manager

Signature 


Date 5/7/18

TENANT RESPONSIBILITIES

Each operator must sign and return this form to the Environmental Manager for inclusion in the Aviation's SWPPP. Refer to MSGP Appendix B.11.

6.3 SWPPP Acknowledgement – Operators

As an individual operator among multiple operators with compliance responsibilities under the comprehensive SWPPP, I acknowledge that each operator's responsibilities are clearly identified in the comprehensive SWPPP, including responsibility to comply with the standard permit conditions found in Appendix B of 2015 MSGP, to implement its assigned portion of the comprehensive SWPPP, to ensure that its individual activities do not render another operator's stormwater controls ineffective, and to ensure all requirements of its own MSGP coverage are met regardless of whether the comprehensive SWPPP allocates the actual implementation of any of those responsibilities to another entity.

Name John Betcher Title Plant Engineering Area Manager
Signature  Date 5/10/18

TENANT RESPONSIBILITIES

Each tenant must sign and return this form to the Environmental Manager for inclusion in the Aviation's SWPPP. Refer to b.11








As an individual operator among multiple operators with compliance responsibilities under the comprehensive SWPPP, I acknowledge that each operator's responsibilities are clearly identified in the comprehensive SWPPP, including responsibility to comply with the standard permit conditions found in Appendix B of 2015 MSGP, to implement its assigned portion of the comprehensive SWPPP, to ensure that its individual activities do not render another operator's stormwater controls ineffective, and to ensure all requirements of its own MSGP coverage are met regardless of whether the comprehensive SWPPP allocates the actual implementation of any of those responsibilities to another entity.

Name Tommy Burch Title Supervisor V.M.F.
Signature Tommy Burch Date 4/24/18

TENANT RESPONSIBILITIES

Each tenant must sign and return this form to the Environmental Manager for inclusion in the

Section 7: SWPPP Modifications

Date	Section of SWPPP Revised	Authorization of the Modification
November 2010	Full SWPPP update and revision.	Name: Christopher Albrecht Signature: 
November 2010	Added spills from April to October 2010 and replaced relevant pages.	Name: Christopher Albrecht Signature: 
April 2012	Full SWPPP Update and Revision.	Name: Christopher Albrecht Signature: 
October 2013	Full SWPPP Update and Revision.	Name: Christopher Albrecht Signature: 
August 2015	Full SWPPP Update and Revision per the MSGP 2015.	Name: Christopher Albrecht Signature: 
September 2015	Inclusion of NPDES tracking numbers and completed NOIs.	Name: Christopher Albrecht Signature: 
May 2018	Full SWPPP Update and Revision	Name: Christopher Albrecht Signature: 
		Name: Signature:
		Name: Signature:
		Name: Signature:
		Name: Signature:
		Name: Signature:
		Name: Signature:
		Name: Signature:

This Page Intentionally Left Blank