

APPENDIX H
STANDARD OPERATING PROCEDURES
De-icing Inspections
Quarterly Visual Assessment of Stormwater Discharges
PAH Indicator Monitoring
SWPPP Bi-Annual Inspections
Assessment of Non-Stormwater Discharges

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DE-ICING INSPECTIONS

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Standard Operating Procedure: De-icing Inspections City of Albuquerque Aviation Department 	Version	2.0
	Made by	Aviation
	Effective date	4/19/2021
	Pages	5
	Authorized Signatory:	_____

1. Objectives & Scope

The City of Albuquerque's Aviation Department (Aviation) operates two airports, Albuquerque International Sunport (Sunport) and Double Eagle II Airport (DEII). Each facility will obtain coverage under the 2021 Multi-Sector General Permit (MSGP) regulated by the Environmental Protection Agency (EPA). The MSGP is a permit that authorizes stormwater discharge associated with industrial activity. A Storm Water Pollution Prevention Plan (SWPPP) has been developed for each the Sunport and DEII as a requirement of the MSGP. Each SWPPP details how Aviation will continue to maintain MSGP compliance at each airport. This Standard Operating Procedure (SOP) addresses the MSGP requirements for De-icing/Anti-icing Inspections, which is required in *Additional Inspection Requirements* (MSGP 2021, Part 8.S.6).

As identified in the DEII SWPPP, de-icing activities are not conducted at the DEII Airport and are not covered in this SOP.

2. Acronyms and Definitions

- De-icing:** The term "de-icing" in this SOP will generally be used to mean both de-icing (removing frost, snow, or ice) and anti-icing (preventing accumulation of frost, snow, or ice) activities, unless otherwise noted (also see MSGP 2021, Part 8.S.2.1).
- EPA:** Environmental Protection Agency; an independent agency of the United States federal government for environmental protection.
- HASP:** Health and Safety Plan; provides safety-related information and requirements specific to the task and work location(s) described.
- MSGP:** Multi-Sector General Permit; a general permit giving coverage for industrial facilities to discharge stormwater off their site into waters of the U.S. The Sunport and DEII fall under jurisdiction of the permit as Sector S facilities. The 2021 MSGP was effective on March 1, 2021.
- SWPPP:** Stormwater Pollution Prevention Plan; a Plan created to minimize pollutants coming in contact with stormwater at an industrial site based on the industrial activities performed. A SWPPP must be created and finalized before permit coverage can be obtained under the MSGP.



Stormwater Team:

The group of individuals responsible for oversight of the development and modifications of the SWPPP, and oversight of compliance with permit requirements.

3. Schedule

The de-icing season (MSGP 2021, Part 8.S.4.1.8) for Sunport has been designated as October through March; however, most deicing operations occur November through February. At least once per month of the permit term and during the de-icing season, Aviation and/or its designee will conduct de-icing inspections on the ramp area within the Sunport.

4. Equipment and Supplies

- Monthly De-icing Monitoring Inspection Form (**Attachment 1**)
- Aviation Badge (allowing for entrance to secure area)
- Safety vest, slip resistant shoes
- Appropriate clothing for cold weather as applicable
- Pen, Camera, Cell Phone
- Face mask that covers mouth and nose completely
- Company vehicle (if possible)

5. Environment & Safety

There are two areas where de-icing activities occur, the passenger ramp area (Passenger) and the cargo ramp area (Cargo). Inspectors are to use their best judgement when deciding to inspect Passenger or Cargo areas. Flight departures from the Passenger area are generally known and times are posted in the concourse area (near baggage/ticketing). Flights departing from Cargo are not posted. De-icing inspections require the inspector to be on the ramp area where aircraft are present and ground service activities take place. De-icing weather conditions will require the inspector to pay close attention to the ground surface conditions to avoid slips, trips, and falls if ice is present.

De-icing Inspections include mobilizing to the Sunport and accessing the ramp area on foot (Passenger) or driving (Cargo). When working or driving on the ramp, use best judgement to not interfere with aviation operations and maintain a safe distance from aircraft and ground service crews. Keep a safe distance from the aircraft and de-icing activity – stay near the gate area where the ground service equipment is stored. Field work can entail encounters with potentially hazardous situations. Potential hazards during de-icing inspections could include but are not limited to extreme weather conditions, vehicle malfunctioning, slippery and uneven surfaces, moving equipment, and driving on airport ramp areas.



6. Personal Protective Equipment (PPE)

Recommended PPE includes:

- Safety vest
- Steel-toed safety shoes, slip resistant
- Cold-weather clothing
- Face mask



7. Procedures

Weather Monitoring

Weather monitoring should be conducted throughout each month during de-icing season (October through March) until the monthly de-icing monitoring event has been successfully performed. Recommended websites for weather monitoring are provided in **Section 8** of this SOP. Prior to mobilizing to Sunport, inspectors should check the recommended websites for up-to-date weather information. Inspectors should look for the following criteria to determine if conditions will be favorable for de-icing:

- The air temperature will be below freezing, and
- The air temperature and dew point temperature will be close to one another (i.e. no more than 10°F difference; the closer the temperatures are, the more favorable).

Expected flights schedule

De-icing typically occurs between the hours of 5:00 am and 8:00 am, though winter weather conditions may also cause de-icing activity to occur throughout the day. Winter weather conditions include but are not limited to: snowstorms, freezing rain, and fog (when temperatures are at or below freezing). During severe winter weather conditions some of the early morning flights could be cancelled or delayed. Inspectors should check the Sunport departures website (see **Section 8**) to confirm if there will be flights to inspect at the time of the inspection.

De-icing Inspection

Inspectors are reminded to carry their badge with them in accordance with Sunport security requirements and in order to be able to access the ramp. It is recommended that the inspector park in the employee parking lot to the east of the Sunport parking structure when inspecting Passenger (this will require a badge swipe to get into the parking lot). For Cargo inspections, it is recommended to drive the company vehicle through the F-1D security gate. To go through this gate, it is required to check in with the security guard which will ask to see a copy of the company's vehicle registration. After checking-in, the security badge and personal PIN code will be needed to access through the gate. During mornings with a high degree of de-icing activity, capturing each de-icing event may not be possible, as



there is a lot of ground to cover by foot; however, a best effort should be made to capture each event within reason. The following steps should be followed when performing de-icing inspections:

1. After confirmation that weather conditions are favorable, commute to the Sunport (approximately 5:00-5:30 am) ramp area (Passenger or Cargo) to begin inspections. If inspecting Cargo, do not forget to obey the rules relating to driving vehicles onto the ramp area (badge holders should have taken the ramp driving class).
2. After entering Passenger or Cargo areas, inspectors will travel by foot to monitor aircraft departures. If possible, seek out ground service crew members and ask about the status of de-icing. Ground crew members likely know if the pilot has requested de-icing. Inspectors should expect to be “challenged” about their security (badge) status and should practice the same for others encountered in secure areas.
3. Once the de-icing activity is located, perform a visual assessment of activity using the *Monthly De-icing Monitoring Inspection Form (Attachment 1)*:
 - a. Record the airline, gate ID #, and the time of de-icing on the inspection form
 - b. Photograph the de-icing event and be sure to capture the airline and visual evidence that de-icing fluid is being applied (include photos of de-icing the tail of the aircraft when possible). Keep a safe distance from the aircraft and de-icing activity – stay near the gate area where the ground service equipment is stored.
 - c. Confirm de-icing is being performed in designated area. Aircraft de-icing areas are identified on the maps provided in **Attachment 2**.
 - d. Verify that de-icing is occurring at least 50 feet from the nearest storm drain. The maps provided in **Attachment 2** also identify the nearby storm drains in the aircraft de-icing areas (shown with a 50-ft radius around the storm drain).
 - e. Record if Airfield Maintenance was observed recovering de-icing fluid.
4. At the end of the month, request (from Aviation) glycol usage summaries and Airfield Maintenance glycol pick up logs to include in the monthly de-icing report.

Reporting

De-icing Reports will include the inspection form, photographs, weather information, and glycol usage summaries (obtained from Aviation at the end of the month). De-icing Reports will be maintained within the SWPPP records. Reports will also be uploaded to the Aviation Department’s *Environmental Management System* database.



8. References & Related Documents

Regulatory Documents:

- Storm Water Pollution Prevention Plans for DEII and Sunport Section 4.2 (May 2021)
- <https://www.abqsunport.com/sustainability-environmental/> Multi-Sector General Permit Part 8.S (2021)
- <https://www.epa.gov/npdes/stormwater-discharges-industrial-activities-epas-2021-msgp>

Weather Tracking:

- <https://forecast.weather.gov>
- <https://www.wunderground.com/weather/us/nm/albuquerque>
- <https://www.krqe.com/weather>

City of Albuquerque – Aviation Department’s Environmental Management System:

- <http://swppabqnet0.web801.discountasp.net/Login.aspx>

Sunport Departures Website:

- <https://www.abqsunport.com/arrival-departures/>

9. Attachments

1. Monthly De-icing Monitoring Inspection Form
2. Sunport Activities Plans:
 - a. Figure 4 – Terminal Tenant Activities Plan
 - b. Figure 5 – Fixed Base Operators Activities Plan
 - c. Figure 6 – Cargo Facility Activities Plan



Attachment 1

Monthly De-icing Monitoring Inspection Form



Albuquerque International Sunport (ABQ)



Monthly Deicing Monitoring

Year: _____

☐Oct ☐Nov ☐Dec ☐Jan ☐Feb ☐Mar ☐April

Date: _____

Time: _____

Inspector: _____

Inspector: _____

Deicing Observed: ☐Yes ☐No

Weather: _____

Temperature: _____ °F

Humidity: _____ %

Photos: ☐Yes ☐No

Airline Performing Deicing Activities: _____ Gate #: _____

Deicing conducted > 50 ft from storm drain: ☐Yes ☐No Time: _____

Recovery of Deicing Fluids Observed: ☐Yes ☐No

Tenant contacted AFMX for fluid recovery: ☐Yes ☐No

Airline Performing Deicing Activities: _____ Gate #: _____

Deicing conducted > 50 ft from storm drain: ☐Yes ☐No Time: _____

Recovery of Deicing Fluids Observed: ☐Yes ☐No

Tenant contacted AFMX for fluid recovery: ☐Yes ☐No

Airline Performing Deicing Activities: _____ Gate #: _____

Deicing conducted > 50 ft from storm drain: ☐Yes ☐No Time: _____

Recovery of Deicing Fluids Observed: ☐Yes ☐No

Tenant contacted AFMX for fluid recovery: ☐Yes ☐No

Airline Performing Deicing Activities: _____ Gate #: _____

Deicing conducted > 50 ft from storm drain: ☐Yes ☐No Time: _____

Recovery of Deicing Fluids Observed: ☐Yes ☐No

Tenant contacted AFMX for fluid recovery: ☐Yes ☐No

Comments: _____

(continue comments on back if necessary)



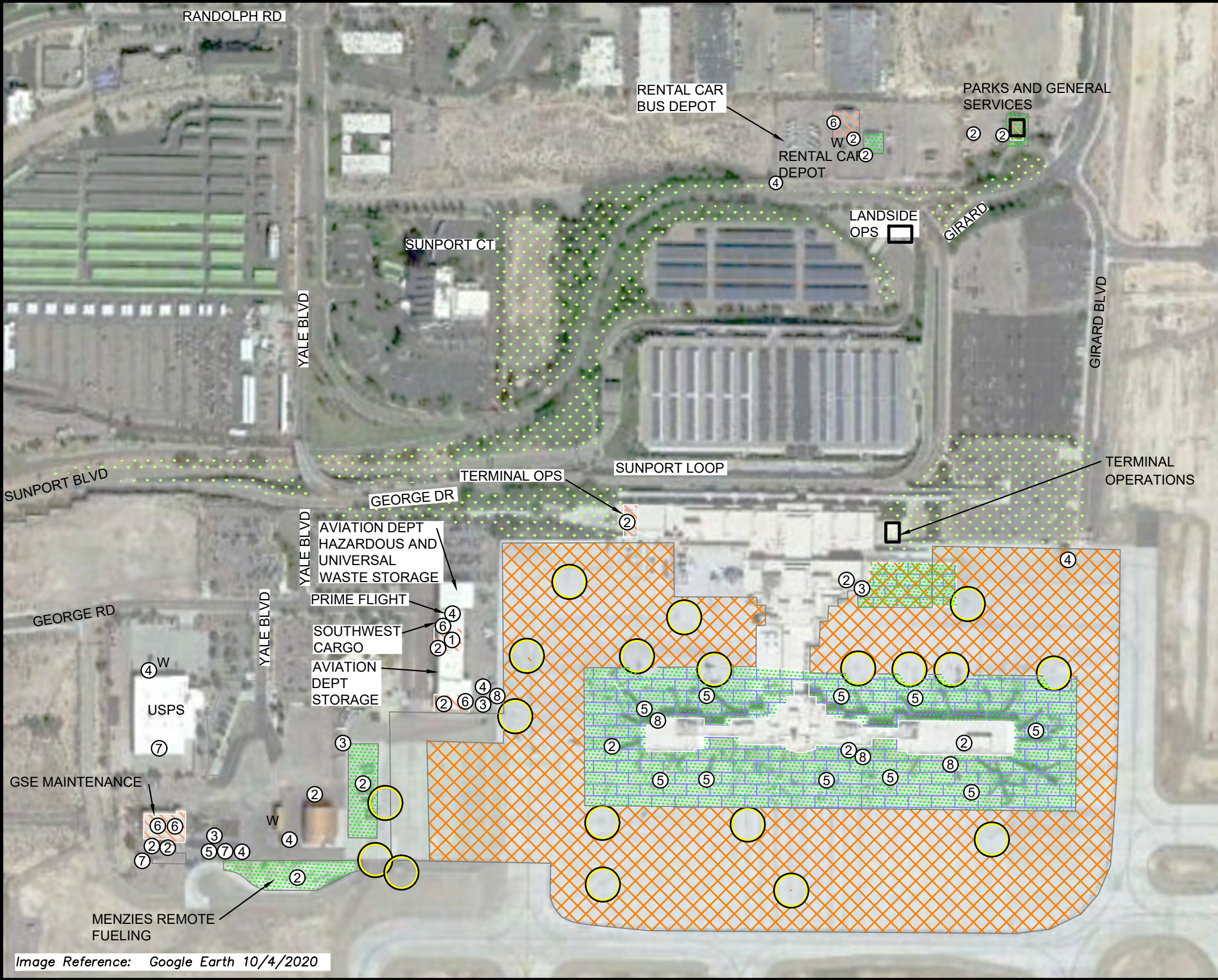
Attachment 2

Sunport Activities Plans:

Figure 4 – Terminal Tenant Activities Plan

Figure 5 – Fixed Base Operators Activities Plan

Figure 6 – Cargo Facility Activities Plan



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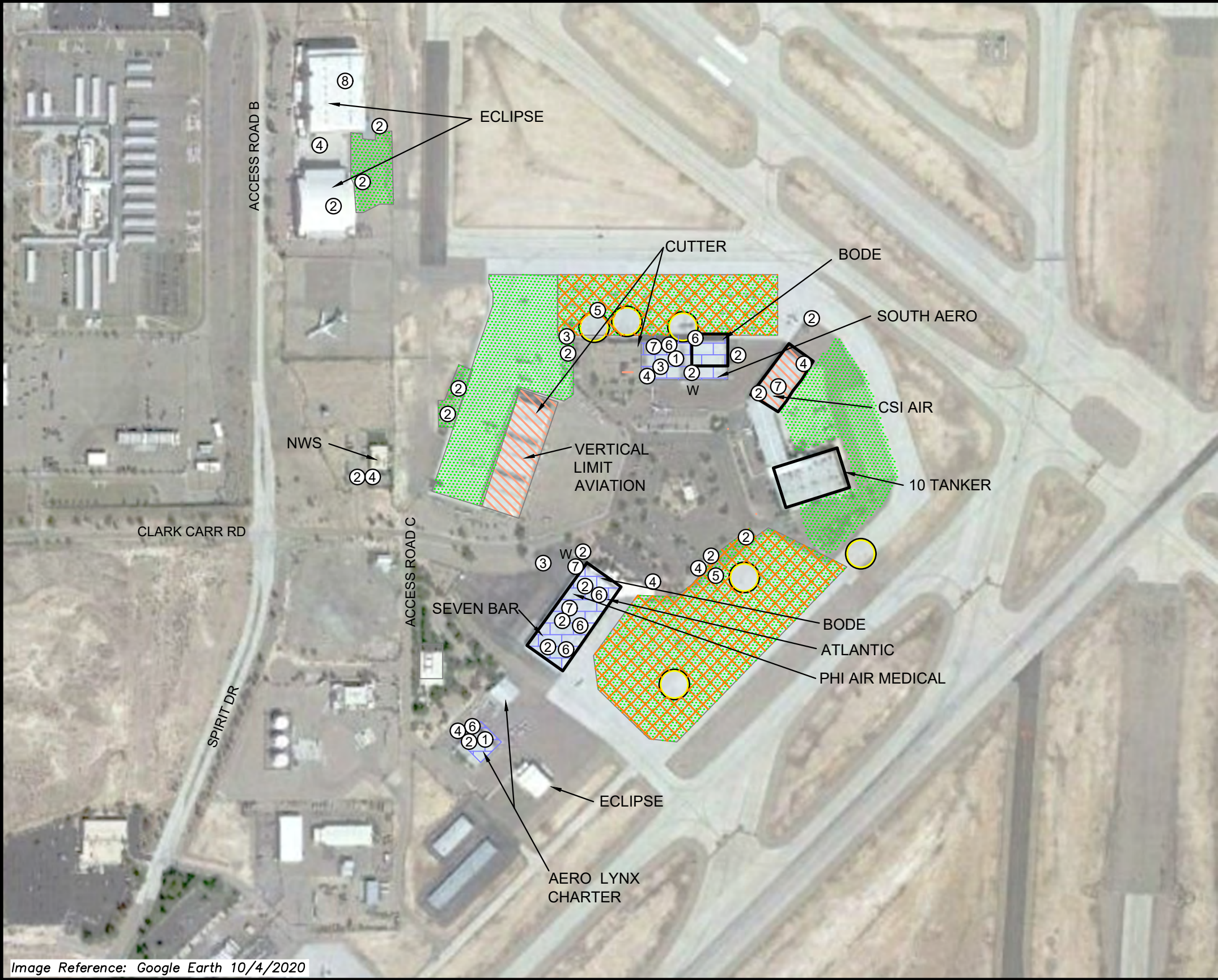
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| | AIRCRAFT/GROUND VEHICLE/
EQUIPMENT FUELING |
| | GROUND VEHICLE/ EQUIPMENT
MAINTENANCE |
| | GROUNDS MAINTENANCE |
| | AIRCRAFT MAINTENANCE |
| W | GROUND VEHICLE/ EQUIPMENT
WASHING |
| ① | MATERIAL HANDLING |
| ② | CARGO |
| ③ | FUEL/OILS |
| ④ | DEICING STORAGE |
| ⑤ | WASTE HANDLING/DISPOSAL |
| ⑥ | LAVATORY SERVICE |
| ⑦ | DEGREASING |
| ⑧ | OIL/WATER SEPARATOR |
| ⑧ | DEICING TRUCK PARKING AREA |
| | TERMINAL AREA STORM DRAIN
AND 50 FT RADIUS |

ALBUQUERQUE INTERNATIONAL SUNPORT
STORMWATER POLLUTION PREVENTION PLAN

Figure No. 4
Terminal Tenants Activities Plan
May 2021

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Image Reference: Google Earth 10/4/2020



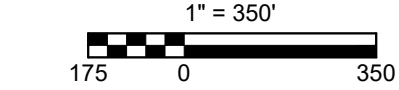
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	AIRCRAFT/GROUND VEHICLE/ EQUIPMENT FUELING
	GROUND VEHICLE/ EQUIPMENT MAINTENANCE
	BUILDING/GROUNDS MAINTENANCE
	AIRCRAFT MAINTENANCE
	AIRCRAFT DEICING
W	AIRCRAFT/GROUND VEHICLE/ EQUIPMENT WASHING
	MATERIAL HANDLING
①	CARGO
②	FUEL/OILS
③	DEICING/ANTI-ICING
④	WASTE HANDLING/DISPOSAL
⑤	LAVATORY SERVICE
⑥	DEGREASING
⑦	OIL/WATER SEPARATOR
⑧	PAINTING
	FIXED BASE OPERATIONS AREA STORM DRAIN AND 50 FT RADIUS

ALBUQUERQUE INTERNATIONAL SUNPORT
STORMWATER POLLUTION PREVENTION PLAN

Figure No. 5
Fixed Base Operators Activities Plan
May 2021

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- | | |
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| | AIRCRAFT/GROUND VEHICLE/
EQUIPMENT FUELING |
| | BUILDING/GROUNDS
MAINTENANCE |
| | GROUND VEHICLE/ EQUIPMENT
MAINTENANCE |
| | AIRCRAFT MAINTENANCE |
| | AIRCRAFT DEICING |
| W | AIRCRAFT/GROUND VEHICLE/
EQUIPMENT WASHING |
| | MATERIAL HANDLING |
| ① | CARGO |
| ② | FUEL/OILS |
| ③ | AIRCRAFT/ROADWAY
DEICING/ANTI-ICING |
| ④ | WASTE HANDLING/DISPOSAL |
| ⑤ | LAVATORY SERVICE |
| ⑥ | DEGREASING |
| ⑦ | OIL/WATER SEPARATOR |
| ⑧ | DEICING TRUCK PARKING AREA |
| | CARGO AREA STORM DRAIN AND
50 FT RADIUS |

QUARTERLY VISUAL ASSESSMENT OF STORMWATER DISCHARGES

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Standard Operating Procedure: Quarterly Visual Assessment of Stormwater Discharges City of Albuquerque Aviation Department 	Version	2.0
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1. Objectives & Scope

The City of Albuquerque's Aviation Department (Aviation) operates two airports, Albuquerque International Sunport (Sunport) and Double Eagle II Airport (DEII). Each facility will obtain coverage under the 2021 Multi-Sector General Permit (MSGP) regulated by the Environmental Protection Agency (EPA). The MSGP is a permit that authorizes stormwater discharge associated with industrial activity. A Storm Water Pollution Prevention Plan (SWPPP) has been developed for each the Sunport and DEII as a requirement of the MSGP. Each SWPPP details how Aviation will continue to maintain MSGP compliance at each airport. This Standard Operating Procedure (SOP) addresses the MSGP requirements for *Quarterly Visual Assessment of Stormwater Discharges* (MSGP 2021, Section 3.2).

2. Acronyms and Definitions

Arid Areas: Areas where annual rainfall averages from 0 to 10 inches.

EPA: Environmental Protection Agency; an independent agency of the United States federal government for environmental protection.

HASP: Health and Safety Plan; provides safety-related information and requirements specific to the task and work locations(s) described.

Measurable Storm Event:

A precipitation event that results in a measurable amount of precipitation (i.e., a storm event that results in an actual discharge or snowmelt that generates a measurable discharge) and that follows the preceding storm event by a minimum of 72 hours (3-days). The 72-hour storm interval does not apply if you document that less than a 72-hour interval is representative for local storm events.

MSGP: Multi-Sector General Permit; a general permit giving coverage for industrial facilities to discharge stormwater off their site into waters of the U.S. The Sunport and DEII fall under jurisdiction of the permit as Sector S facilities. The 2021 MSGP was effective on March 1, 2021.



Outfall: Also discharge point. The location where collected and concentrated stormwater flows are discharged from the facility such that the first receiving waterbody into which discharge flows, either directly or through a separate storm sewer system, is a water of the U.S.

PPE: Personal Protective Equipment; equipment that will protect the user against health or safety risks on the job.

SWPPP: Stormwater Pollution Prevention Plan; a Plan created to minimize pollutants coming in contact with stormwater at an industrial site based on the industrial activities performed. A SWPPP must be created and finalized before permit coverage can be obtained under the MSGP.

Stormwater Team:

The group of individuals responsible for oversight of the development and modifications of the SWPPP, and oversight of compliance with permit requirements.

Substantially Identical Outfall:

If a facility has two or more outfalls that discharge substantially identical effluents, quarterly visual assessments of the discharge need to only be conducted at one outfall. The outfall selected as the representative sample must be rotated on a quarterly basis.

3. Schedule

Visual assessments of stormwater discharges are required to be conducted once per calendar quarter for the term of the permit. For Sunport and DEII, Aviation (or its approved representative) will conduct visual stormwater assessments at each designated Sunport and DEII outfall on the following quarterly basis:

- Quarter 1: January – March
- Quarter 2: April – June
- Quarter 3: July – September
- Quarter 4: October – December

New Mexico is an “arid area” where limited rainfall occurs during many parts of the year. Facilities located in arid areas are allowed an exception to quarterly visual assessments where samples may be distributed during seasons when precipitation runoff occurs. Therefore, during calendar quarters without a measurable storm event, the assessment will be rescheduled to occur during the predominately rainy season (July – September). In addition, in the case of 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. To meet

conditions of a measurable storm event, 72-hours must have passed since the previous storm event in the area of the outfall. If this condition is met, stormwater sampling and assessment can proceed.

4. Equipment and Supplies

- Map of Outfall Locations (**Attachment 1**)
- Visual Monitoring Inspection Forms (**Attachment 2**)
- Manhole Lid Tool (Outfall N17 at the Sunport)
- Nitrile gloves
- Mason Jar/Clear Glass Bottle
- Bailer and string
- Pen, Camera, Cell Phone
- Scoops, Zip Lock Bags

5. Environment & Safety

Driving to some outfall locations at Sunport may require use of a four-wheel drive vehicle. In addition, access to outfalls in secure areas of the Sunport requires use of a vehicle with the company logo clearly displayed; and while not required, a company vehicle with logo is also recommended for use at DEII. Outfalls located at DEII include concrete pipes with metal grates in earthen areas with vegetation. Sunport outfalls include the following types:

- Concrete pipe with a metal grate in an earthen area/drainage pond
- Manhole over storm sewer pipe
- Concrete energy dissipation structure

Visual assessment of stormwater discharges includes mobilizing to outfall locations at DEII and Sunport during precipitation events. Outfalls will be accessed by foot and a sampling jar or bailer will be used to collect stormwater discharge (or snowmelt). Outfall locations can include embankments, uneven, or slippery (muddy) surfaces, as well as overgrown vegetation, ditches, or obstacles. Field work can entail encounters with potentially hazardous situations. Potential hazards could include but are not limited to: extreme weather conditions, wildlife encounters (rattlesnakes), back injury while removing a manhole cover, vehicle malfunctioning, slippery and uneven surfaces, potential contaminants in stormwater runoff, and driving on poorly maintained roads/off road.

6. Personal Protective Equipment (PPE)

Recommended PPE includes:

- Nitrile gloves
- Safety glasses





- Safety vest
- Steel-toed safety shoes
- Hard hat (high traffic areas)
- Face mask that covers mouth and nose completely

7. Procedures

Weather Monitoring

Weekly weather monitoring should be conducted throughout each quarter until a visual assessment has been successfully performed. Recommended websites for weather monitoring are provided in **Section 8** of this SOP. Samples should be collected within the first 30 minutes of an actual storm water discharge. However, with the number of outfalls to sample at DEII and Sunport, reaching every outfall within 30-minutes is not always possible. If an outfall was assessed more than 30 minutes after stormwater discharge began, documentation will be provided in the comments section of the *Quarterly Visual Monitoring Form (Attachment 2)*.

Outfall Locations

Visual stormwater assessments will be made at all outfall locations identified on the maps for Sunport and DEII (**Attachment 1**). If a facility has two or more outfalls that discharge substantially identical effluents, quarterly visual assessments of the discharge need to only be conducted at one outfall. The outfall selected as the representative sample must be rotated on a quarterly basis. Sunport and DEII have substantially identical outfalls at each location, and they include:

Aviation Department Airport	Substantially Identical Outfall(s)	Substantially Identical to Outfall Monitoring Point(s)
Sunport	W3W	W3S
Sunport	35A, 35B, 35C	W3S
Sunport	S35A and S35B	W3S
DEII	00B	00C
DEII	00D, 00I	00E
DEII	00F, 00G, 00J, 00K, 00L, 00M, 00N	00H

Outfall N17 at the Sunport is the only outfall that will require use of a manhole lid tool to gain access to sampling stormwater runoff.



Sampling and Assessment

The following steps outline the procedures for collecting a stormwater discharge sample and visual assessment:

1. Collect stormwater discharge in a clean colorless glass jar (or plastic container). The sample should be collected directly from the outfall, or as close to the outfall as possible if it is inaccessible. Photograph the sample and outfall discharge.
2. Visually assess the general appearance of the stormwater and comment on the following characteristics:
 - a. Stormwater color, odor, clarity
 - b. Presence of floating, settled, or suspended solids
 - c. Presence of foam, oil sheen or any other obvious indicator of stormwater pollution
3. The Sunport or DEII Quarterly Visual Monitoring Form (**Attachment 2** or Appendix L of the Sunport and DEII SWPPPs) will be used to document:
 - a. Outfall ID
 - b. Sample collection date/time
 - c. Personnel performing the assessment
 - d. Nature of the discharge in the “Storm Precip” field (i.e., runoff or snowmelt)
 - e. Flow Estimate to be described as “no flow, very low flow, low flow, medium flow, or high flow”
 - f. Observations of the stormwater discharge
 - g. Potential sources of any observed stormwater contamination
 - h. If applicable, an explanation if sample was not taken within 30 minutes of discharge
 - i. A statement signed/certified

Reporting

Visual monitoring reports will be prepared by Aviation (or approved representative) and placed within the SWPPP records. Reports will also be uploaded to the Aviation Department’s *Environmental Management System* database.

8. References & Related Documents

Regulatory Documents:

- Industrial Stormwater Monitoring and Sampling Guide Section 3.5 (March 2009)

https://www3.epa.gov/npdes/pubs/msgp_monitoring_guide.pdf



- Storm Water Pollution Prevention Plans for DEII and Sunport Section 4.2 (May 2018)
<https://abqsunport.com/about-us/sustainability-at-sunport/stormwater-pollution-prevention/>
- Multi-Sector General Permit Section 3.2 (January 2021)
<https://www.epa.gov/npdes/stormwater-discharges-industrial-activities-epas-2021-msgp>

Weather Tracking:

- <https://www.forecast.weather.gov>
- <https://www.wunderground.com/weather/us/nm/albuquerque>
- <https://www.krqe.com/weather>

City of Albuquerque – Aviation Department’s Environmental Management System:

- <http://swppabqnet0.web801.discountasp.net/Login.aspx>

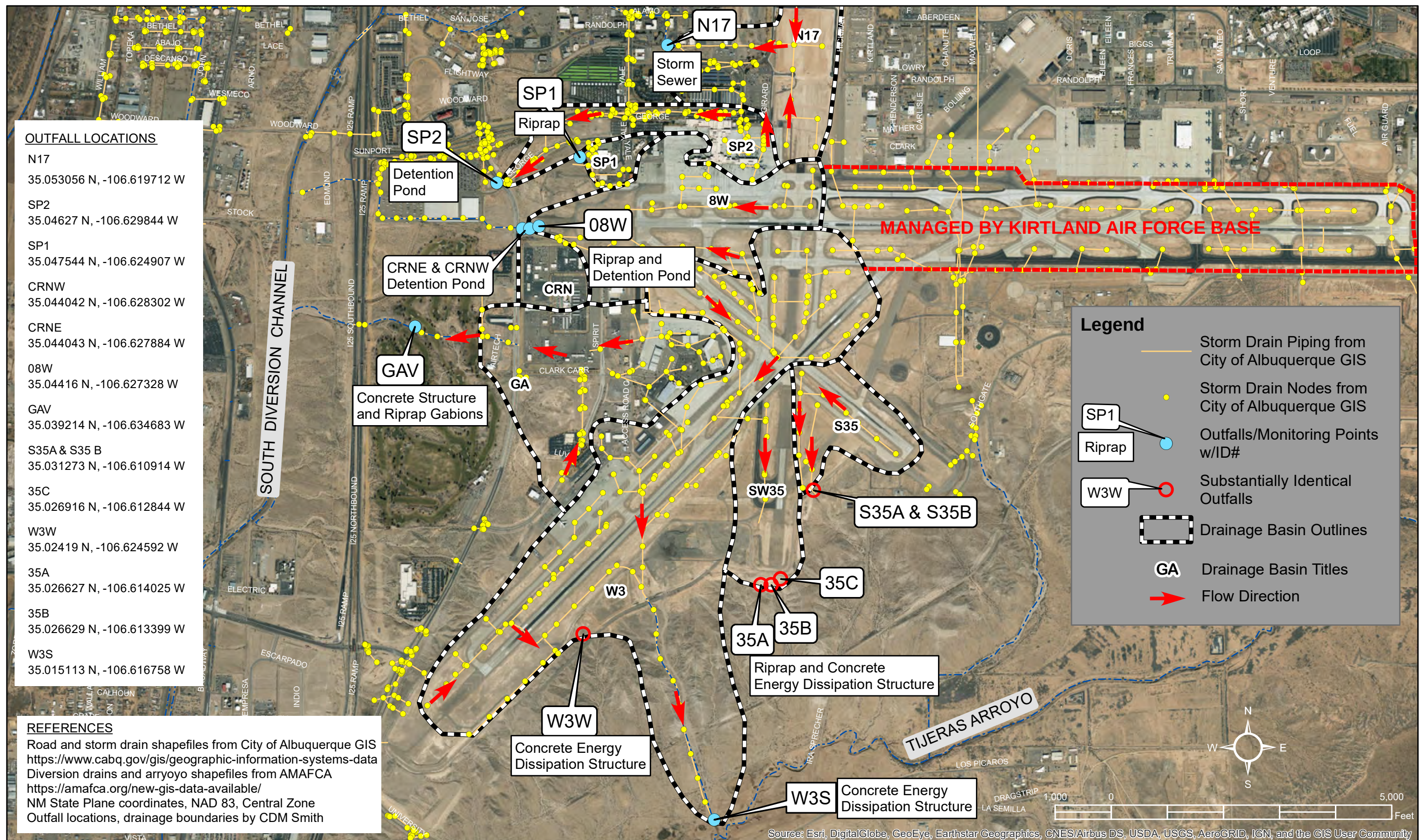
9. Attachments

1. Outfall Location Maps for Sunport and DEII
2. Visual Monitoring Inspection Forms



ATTACHMENT 1

Outfall Location Maps for Sunport and DEII



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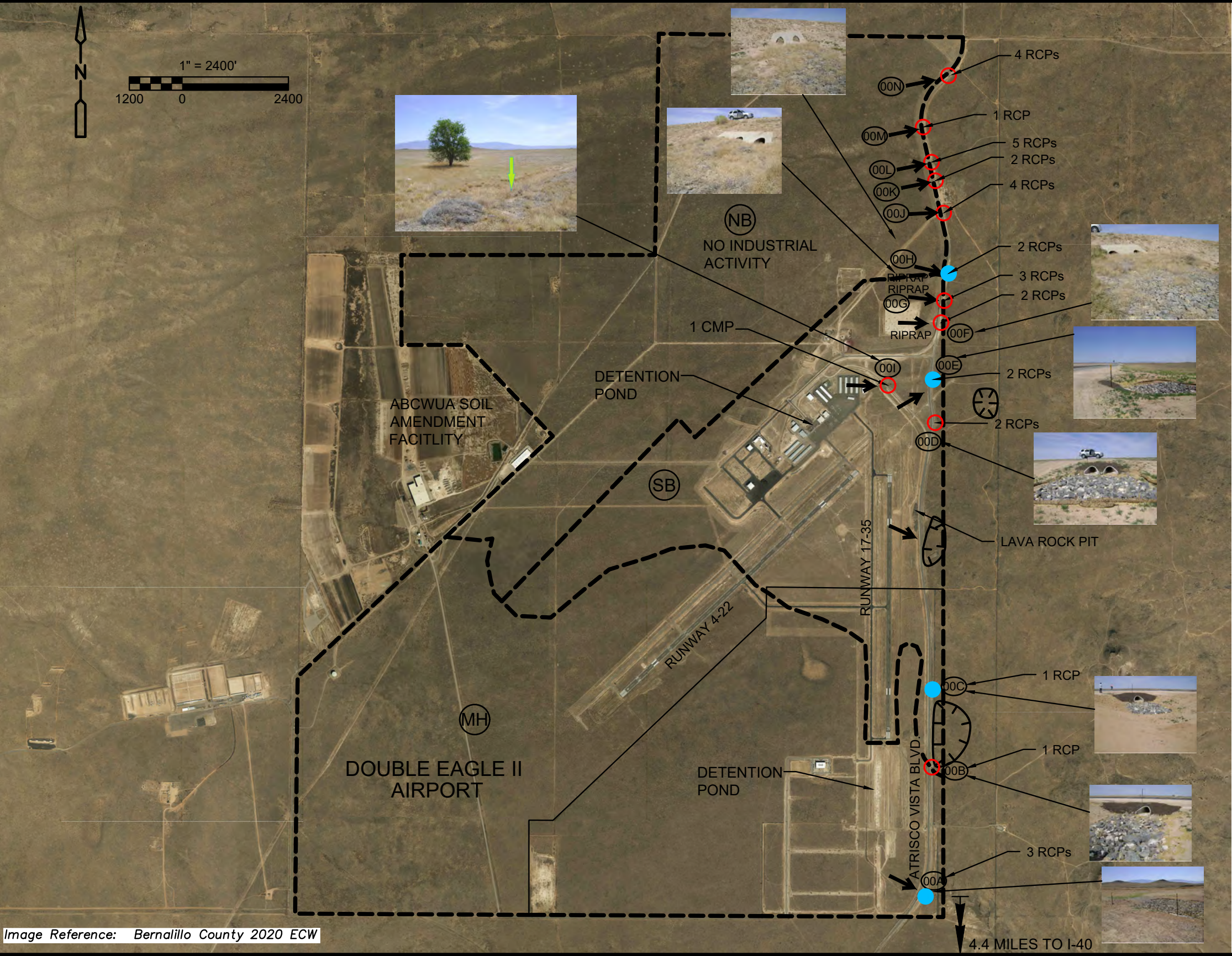
LEGEND

- (NB) STORMWATER BASIN TITLES
- (00A) OUTFALL ID #
- OUTFALLS/MONITORING POINTS WITH ID #
- SUBSTANTIALLY IDENTICAL OUTFALLS
- ← DIRECTION OF STORMWATER FLOW AT OUTFALLS
- ⊗ INTERNAL DRAINAGE FEATURE (PLAYA)
- - - DRAINAGE BASIN BOUNDARY

OUTFALL LOCATIONS

- (00A) SLIGHTLY NORTH OF SHOOTING RANGE SIGN (35°7'34.98"N, 106°47'09.58"W)
- (00B) SLIGHTLY SOUTH OF RUNWAY, ACADEMY TO WEST (35°8'03.92"N, 106°47'08.09"W)
- (00C) SOUTH OF LAVA ROCK PIT, RUNWAY TO WEST (35°8'21.32"N, 106°47'07.97"W)
- (00D) SOUTH OF INTERSECTION (35°9'21.05"N, 106°47'07.67"W)
- (00E) SOUTH OF INTERSECTION (35°9'30.70"N, 106°47'08.33"W)
- (00F) NORTH OF INTERSECTION (35°9'43.46"N, 106°47'06.22"W)
- (00G) NORTH OF INTERSECTION (35°9'48.39"N, 106°47'05.37"W)
- (00H) NORTH OF INTERSECTION, SOUTH OF BEND IN ROAD (35°9'54.46"N, 106°47'04.26"W)
- (00I) ALONG OLD ROAD, SITUATED BETWEEN TWO TREES (35°9'29.35"N, 106°47'20.59"W)
- (00J) ALONG ATRISCO VISTA (35°10'07.99"N, 106°47'05.67"W)
- (00K) ALONG ATRISCO VISTA (35°10'15.21"N, 106°47'07.96"W)
- (00L) ALONG ATRISCO VISTA (35°10'19.36"N, 106°47'09.05"W)
- (00M) ALONG ATRISCO VISTA (35°10'27.21"N, 106°47'11.38"W)
- (00N) ALONG ATRISCO VISTA (35°10'38.75"N, 106°47'04.55"W)

NOTE: CMP = CORRUGATED METAL PIPE
RCP = REINFORCED CONCETE PIPE



DOUBLE EAGLE II AIRPORT
STORMWATER POLLUTION PREVENTION PLAN

Figure No. 4
Drainage Plan
May 2021





ATTACHMENT 2

Visual Monitoring Inspection Forms



Albuquerque International Sunport (ABQ)
Double Eagle II Airport (DEII)



Quarterly Visual Monitoring of
Stormwater Outfall Discharges

Year: _____ ☐Q1 ☐Q2 ☐Q3 ☐Q4

Date: _____

Airport: ☐ABQ ☐DEII

Time: _____

Weather: _____

Inspector: _____

Storm Precip: _____

Outfall ID: _____

Last 72 hour Precip: _____

Flow Observed: ☐Yes ☐No

Photo: _____

Description of
Monitoring Site: _____

Flow Estimate: ☐Low ☐Moderate ☐High

Observations:

Color (describe): _____

Turbidity: ☐Clear ☐Slightly Cloudy ☐Very Cloudy ☐Opaque

Floating Solids: ☐Yes ☐No Describe: _____

Suspended Solids: ☐Yes ☐No Describe: _____

Settled Solids: ☐Yes ☐No Describe: _____

Sheen Present: ☐Yes ☐No Describe: _____

Odor: ☐Yes ☐No Describe: _____

Foam Present: ☐Yes ☐No Describe: _____

Outfall Condition

☐In good condition ☐Needs Maintenance Describe: _____
☐Damaged ☐Debris _____
☐Excessive Vegetation ☐Garbage _____

Additional Comments: _____



PAH INDICATOR MONITORING

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Standard Operating Procedure: PAH Indicator Monitoring		Version	1.0
		Made by	Aviation
		Effective date	4/19/2021
		Pages	5
		Authorized Signatory:	_____
City of Albuquerque Aviation Department			

1. Objectives & Scope

The City of Albuquerque's Aviation Department (Aviation) operates two airports, Albuquerque International Sunport (Sunport) and Double Eagle II Airport (DEII). Each facility has obtained coverage under the 2021 Multi-Sector General Permit (MSGP) regulated by the Environmental Protection Agency (EPA). The MSGP permit authorizes stormwater discharges associated with industrial activity. A Storm Water Pollution Prevention Plan (SWPPP) has been developed for both Sunport and DEII as a requirement of the MSGP. Each SWPPP details how Aviation will continue to maintain MSGP compliance at each airport. This Standard Operating Procedure (SOP) addresses the requirements for the *PAH Indicator Monitoring* (MSGP 2021, Part 4.2.1).

2. Acronyms and Definitions

EPA:	Environmental Protection Agency; an independent agency of the United States federal government for environmental protection.
HASP:	Health and Safety Plan; provides safety-related information and requirements specific to the task and work locations(s) described.
MSGP:	Multi-Sector General Permit; a general permit giving coverage for industrial facilities to discharge stormwater off their site into waters of the U.S. The Sunport and DEII fall under the jurisdiction of the permit as Sector S facilities. The 2021 MSGP was effective on March 1, 2021.
PAH:	Polycyclic Aromatic Hydrocarbons; both Sunport and DEII are required to report 16 PAHs in their stormwater discharges per the 2021 MSGP (Part 4.2.1).
PPE:	Personal Protective Equipment; equipment that will protect the user against health or safety risks on the job.
PPT:	Stormwater Pollution Prevention Team; team comprised of representatives from the Aviation Department and at least one staff member from each additional operator. The PPT oversees the development and implementation of the SWPPP and the BMP.
SWPPP:	Stormwater Pollution Prevention Plan; a Plan created to minimize pollutants coming in contact with stormwater at an industrial site based on the industrial activities



performed. A SWPPP must be created and finalized before coverage can be obtained under the MSGP.

3. Schedule

Biannually (twice per year) in the first and fourth years of the permit term (2021 and 2025), Aviation and/or its designee must conduct PAH indicator monitoring at each designated stormwater outfall. Reporting is required for 16 PAHs: naphthalene, acenaphthylene, acenaphthene, fluorene, phenanthrene, anthracene, fluoranthene, pyrene, benzo[a]anthracene, chrysene, benzo[b]fluoranthene, benzo[k]fluoranthene, benzo[a]pyrene, benzo[g,h,i]perylene, indeno[1,2,3 c,d]pyrene, and dibenz[a,h]anthracene. Sampling will be conducted during a stormwater event that generates discharge sufficient to fill the sampling receptacle. During adverse weather conditions which may prevent the collection of a sample (i.e., local flooding, high winds, electrical storms, or other dangerous situations), the monitoring event will be conducted during the next qualifying storm event.

4. Equipment and Supplies

- Map of Outfall Locations (**Attachment 1**)
- PAH Indicator Monitoring Form (**Attachment 2**)
- Sample Jar Label (**Attachment 3**)
- Chain of Custody Form (**Attachment 4**)
- Laboratory supplied glass amber jars (1-Liter capacity)
- Plastic or foam insulated cooler box
- Nitrile or latex gloves
- Crowbar (Outfall N17 at Sunport)
- Single-check valve HDPE bailer and string
- Safety vest, slip-resistant shoes
- Pen, Camera, Cell Phone
- A face mask that covers mouth and nose completely
- Company vehicle

5. Environment & Safety

Driving to outfall locations at Sunport requires the use of a company vehicle with the company logo clearly displayed; and while not required, a company vehicle with a logo is also recommended for use at DEII. Outfalls located at DEII include concrete pipes with metal grates in earthen areas with vegetation. Sunport outfalls include the following types:

- Concrete pipe with a metal grate in an earthen area/drainage pond
- Manhole over a storm sewer pipe
- Concrete energy dissipation structure

PAH Indicator Monitoring includes mobilizing to outfall locations at DEII and Sunport during precipitation events. Outfalls will be accessed by foot and glass amber jars will be used to collect stormwater (or snowmelt) discharge. Outfall locations can include embankments, uneven, or slippery (muddy) surfaces, as well as overgrown vegetation, ditches, or obstacles. Fieldwork can entail encounters with potentially hazardous situations. Potential hazards could include but are not limited to extreme weather conditions, wildlife encounters (rattlesnakes), back injury while removing a manhole cover, vehicle malfunctioning, slippery and uneven surfaces, potential contaminants in stormwater runoff, and driving on poorly maintained roads/off-road.

6. Personal Protective Equipment (PPE)

Recommended PPE includes:

- Safety vest
- Steel-toed safety shoes, slip-resistant
- Cold-weather clothing
- Hard hat (high traffic areas)
- Face masks



7. Procedures

Weather Monitoring

Weekly weather monitoring should be conducted until a PAH Indicator Monitoring Inspection has been successfully performed. Recommended websites for weather monitoring are provided in **Section 8** of this SOP. PAH Indicator Monitoring samples should be collected during the first 30 minutes of an actual stormwater discharge. However, with the number of outfalls to sample at DEII and Sunport, reaching every outfall within 30-minutes is not always possible. If a sample is collected more than 30 minutes after stormwater discharge began, documentation will be provided in the corresponding report. PAH Indicator Monitoring should be conducted during storm events that occur at least 72 hours after the previous storm event.

Outfall Locations

PAH Indicator Monitoring will be conducted at all Sunport and DEII outfall locations identified in the Figures in **Attachment 1**. Samples will not be collected from substantially identical outfalls. Note that Outfall N17 at Sunport is the only outfall that will require using a crowbar to gain access to stormwater



runoff. Access to Outfall GAV at Sunport is through the UNM Golf Course, so if this facility is closed, access to the outfall will be restricted to inspectors.

Ideally, two inspectors will mobilize to the outfalls during a precipitation event. One inspector will cover Sunport outfalls and another one will cover DEII outfalls. If there's no flow at DEII, that inspector may mobilize to Sunport outfalls to assist with sampling coverage.

PAH Indicator Monitoring Sampling

The following steps outline the procedures for collecting a stormwater discharge sample for PAH Indicator Monitoring:

1. Place the corresponding label (**Attachment 3**) to an empty 1-L glass amber jar. Labels should contain outfall name, date, time, and inspector's initials.
2. Collect stormwater discharge from outfall using the labeled and clean 1-L glass amber jar. If possible, collect two 1-L glass amber jar samples for each outfall. This will provide a contingency for breakage.
3. Immediately after collection, store the samples in the insulated cooler. Samples must be stored at 4°C until delivery to the lab.
4. Fill out the PAH Indicator Monitoring Form with the correspondent field sampling information and details (**Attachment 2**).
5. When sampling from all outfalls is completed, samples should be delivered to Hall Environmental Analysis Laboratory (Laboratory) which will determine the concentration of the 16 PAHs in the collected samples
 - a. Laboratory is located at 4901 Hawkins St NE, Albuquerque, NM 87109.
 - b. The Chain of Custody (**Attachment 4**) should be filled out and placed inside a plastic bag then stored inside the cooler or taped to the outside of the cooler.
 - c. Laboratory will then email the inspector a copy of the Chain of Custody along with the results of their analysis.

Reporting

PAH monitoring reports will be prepared by Aviation and/or its designee and placed with the SWPPP records and uploaded to the stormwater database. The following documentation will be included in each biannual PAH indicator monitoring report:

- Outfall ID
- Sample collection date/time



- Personnel performing the assessment, including signatures
- Nature of the discharge (i.e. runoff or snowmelt)
- Results of the PAH analysis from the lab
- If applicable, why it was not possible to assess stormwater within 30 minutes of discharge
- A statement signed and certified.

PAH concentration results are for reporting purposes only. There are no threshold concentrations or baseline values for PAHs that are required to be met or to comply with. Results of PAH monitoring must also be uploaded to the EPA NetDMR system as described in the MSGP (Section 7.3.1).

8. References & Related Documents

Regulatory Documents:

- Storm Water Pollution Prevention Plans for DEII and Sunport Section 4.3.2 (2021)
<https://www.abgsunport.com/sustainability-environmental/>
- Multi-Sector General Permit Part 4.2.1 (2021)
<https://www.epa.gov/npdes/stormwater-discharges-industrial-activities-epas-2021-msgp>

Weather Tracking:

- <https://www.forecast.weather.gov>
- <https://www.wunderground.com/weather/us/nm/albuquerque>
- <https://www.krqe.com/weather>

City of Albuquerque – Aviation Department’s Environmental Management System:

- <http://swppabqnet0.web801.discountasp.net/Login.aspx>

9. Attachments

1. Map of Outfall Locations for Sunport and DEII
2. PAH Indicator Monitoring Form
3. Sample Jar Label
4. Chain of Custody Form Example



Attachment 1

Map of Outfall Locations for Sunport and DEII

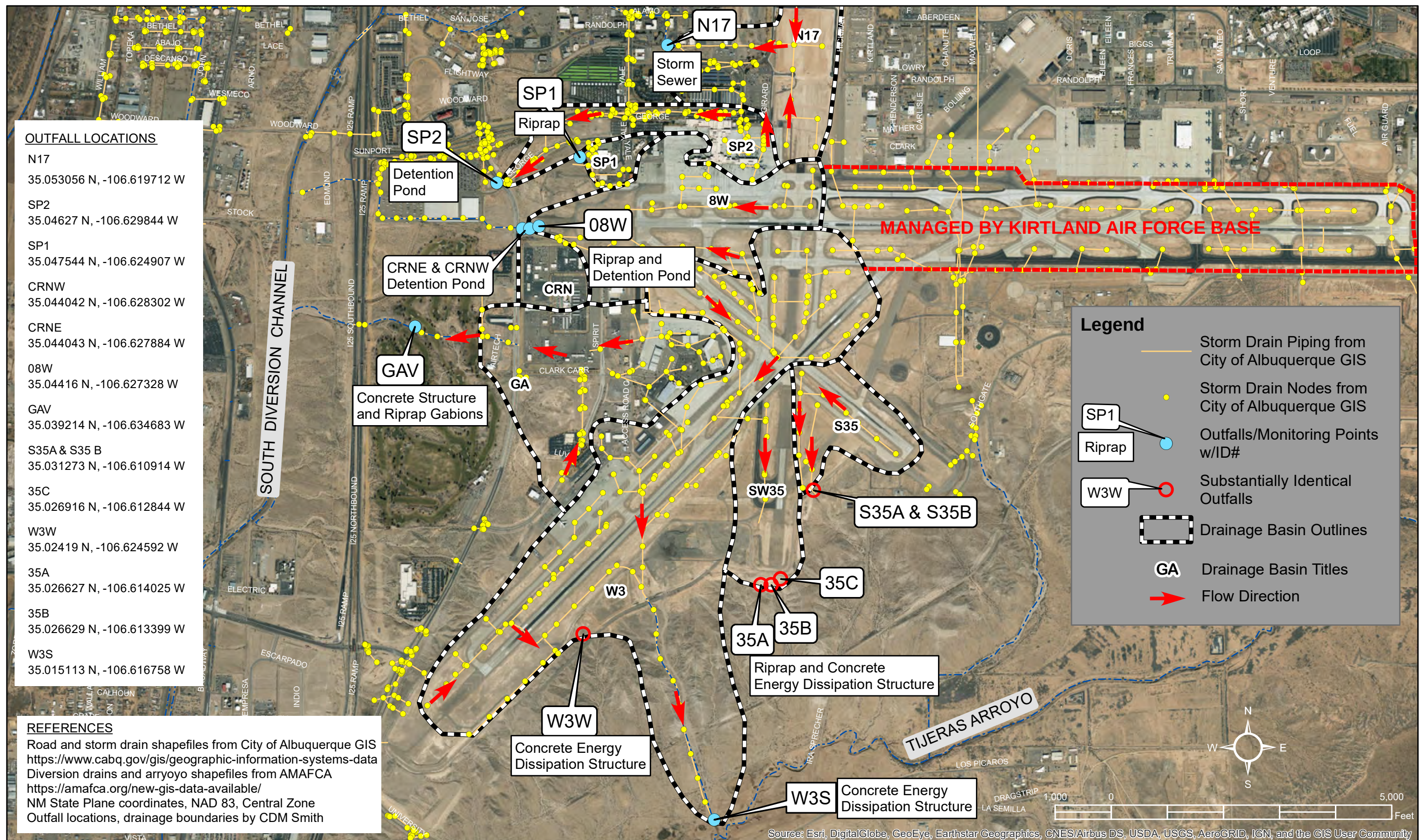


Figure No. 3
Drainage Plan
May 2021

XREFs: [DOUBLE EAGLE OUTFALLS, BASEMAP-DOUBLE-EAGLE] Images: [DbIEagleI, DbIEagleC, DbIEagleD, DbIEagleE, DbIEagleF, DbIEagleG, DbIEagleH]
Last saved by: DOAKEC Time: 4/1/2021 8:35:05 AM
pw:\cdmsmith-az02-pw.bentley.com:PW_PL\136361\257523\03 Reports and Studies\09 CADD Figures and Graphics\DOUBLE EAGLE\FIG-4_DE_DRAINAGE.dwg

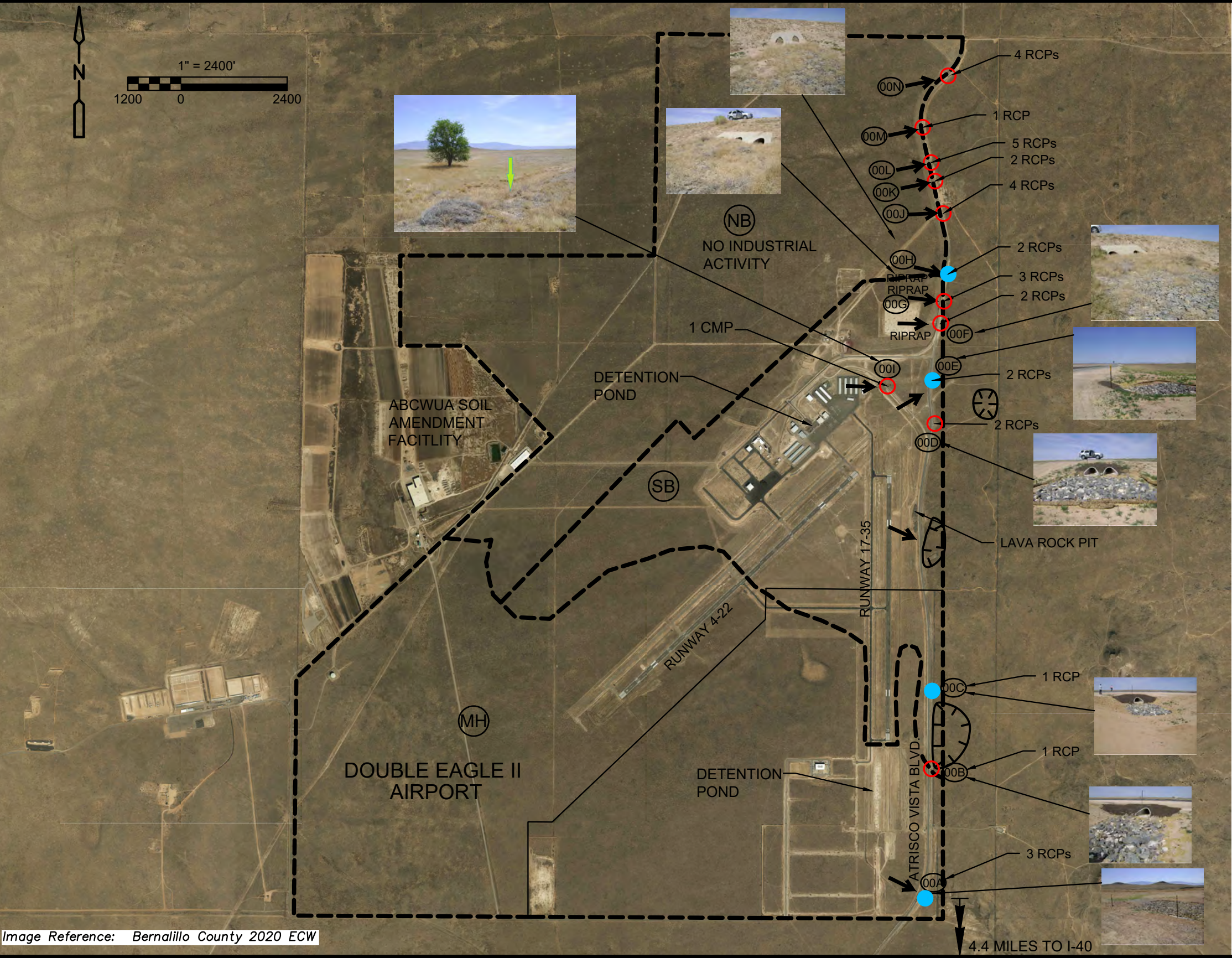
LEGEND

- (NB) STORMWATER BASIN TITLES
- (00A) OUTFALL ID #
- OUTFALLS/MONITORING POINTS WITH ID #
- SUBSTANTIALLY IDENTICAL OUTFALLS
- ← DIRECTION OF STORMWATER FLOW AT OUTFALLS
- ⊗ INTERNAL DRAINAGE FEATURE (PLAYA)
- - - DRAINAGE BASIN BOUNDARY

OUTFALL LOCATIONS

- (00A) SLIGHTLY NORTH OF SHOOTING RANGE SIGN (35°7'34.98"N, 106°47'09.58"W)
- (00B) SLIGHTLY SOUTH OF RUNWAY, ACADEMY TO WEST (35°8'03.92"N, 106°47'08.09"W)
- (00C) SOUTH OF LAVA ROCK PIT, RUNWAY TO WEST (35°8'21.32"N, 106°47'07.97"W)
- (00D) SOUTH OF INTERSECTION (35°9'21.05"N, 106°47'07.67"W)
- (00E) SOUTH OF INTERSECTION (35°9'30.70"N, 106°47'08.33"W)
- (00F) NORTH OF INTERSECTION (35°9'43.46"N, 106°47'06.22"W)
- (00G) NORTH OF INTERSECTION (35°9'48.39"N, 106°47'05.37"W)
- (00H) NORTH OF INTERSECTION, SOUTH OF BEND IN ROAD (35°9'54.46"N, 106°47'04.26"W)
- (00I) ALONG OLD ROAD, SITUATED BETWEEN TWO TREES (35°9'29.35"N, 106°47'20.59"W)
- (00J) ALONG ATRISCO VISTA (35°10'07.99N, 106°47'05.67W)
- (00K) ALONG ATRISCO VISTA (35°10'15.21"N, 106°47'07.96"W)
- (00L) ALONG ATRISCO VISTA (35°10'19.36"N, 106°47'09.05"W)
- (00M) ALONG ATRISCO VISTA (35°10'27.21"N, 106°47'11.38"W)
- (00N) ALONG ATRISCO VISTA (35°10'38.75"N, 106°47'04.55"W)

NOTE: CMP = CORRUGATED METAL PIPE
RCP = REINFORCED CONCETE PIPE



DOUBLE EAGLE II AIRPORT
STORMWATER POLLUTION PREVENTION PLAN

Figure No. 4
Drainage Plan
May 2021





Attachment 2

PAH Indicator Monitoring Form



Albuquerque International Sunport (ABQ)
Double Eagle II Airport (DEII)



Bi-annual Monitoring of
PAHs at Stormwater Outfalls

Year: _____ ☐Q1 ☐Q2 ☐Q3 ☐Q4

Date: _____

Airport: ☐ABQ ☐DEII

Inspector: _____

Weather: _____

Storm Precip: _____

Last 72 hour Precip: _____

Outfall ID	Sample Collected		Sample Time	Reason no sample was collected
_____	☐ Yes	☐ No	_____	_____
_____	☐ Yes	☐ No	_____	_____
_____	☐ Yes	☐ No	_____	_____
_____	☐ Yes	☐ No	_____	_____
_____	☐ Yes	☐ No	_____	_____
_____	☐ Yes	☐ No	_____	_____
_____	☐ Yes	☐ No	_____	_____
_____	☐ Yes	☐ No	_____	_____
_____	☐ Yes	☐ No	_____	_____
_____	☐ Yes	☐ No	_____	_____
_____	☐ Yes	☐ No	_____	_____
_____	☐ Yes	☐ No	_____	_____
_____	☐ Yes	☐ No	_____	_____
_____	☐ Yes	☐ No	_____	_____
_____	☐ Yes	☐ No	_____	_____

Lab Drop-off ☐Yes ☐N/A Time _____





Attachment 3

Sample Jar Label



Outfall ID: _____

Date: _____

Time: _____

Inspector: _____



Outfall ID: _____

Date: _____

Time: _____

Inspector: _____



Outfall ID: _____

Date: _____

Time: _____

Inspector: _____



Outfall ID: _____

Date: _____

Time: _____

Inspector: _____



Outfall ID: _____

Date: _____

Time: _____

Inspector: _____



Outfall ID: _____

Date: _____

Time: _____

Inspector: _____



Outfall ID: _____

Date: _____

Time: _____

Inspector: _____



Outfall ID: _____

Date: _____

Time: _____

Inspector: _____



Attachment 4

Chain of Custody Form Example

Client:

Mailing Address:

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

☐ Standard ☐ **Rush**

Project #:

Project Manager:

Sampler:

On Ice: ☐ Yes ☐ No

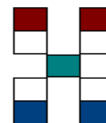
of Coolers:

Cooler Temp(including CF):

Container Type and #	Container Name	Container ID	Container Image	Container Status	Container IP	Container Port	Container Description
Container Type and #	Container Name	Container ID	Container Image	Container Status	Container IP	Container Port	Container Description

Preservative
Type

HEAL No.



www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

[illegible]

Date:	Time:	Relinquished by:
-------	-------	------------------

Received by:	Via:	Date	Time
--------------	------	------	------

Remarks:	
----------	--

Date:	Time:	Relinquished by:
-------	-------	------------------

Received by:	Via:	Date	Time
--------------	------	------	------

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

SWPPP BI-ANNUAL INSPECTIONS

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Standard Operating Procedure: Routine Facility Inspections City of Albuquerque Aviation Department 	Version	1.0
	Made by	Aviation
	Effective date	4/19/2021
	Pages	6
	Authorized Signatory:	_____

1. Objectives & Scope

The City of Albuquerque's Aviation Department (Aviation) operates two airports, Albuquerque International Sunport (Sunport) and Double Eagle II Airport (DEII). Each facility has obtained coverage under the 2021 Multi-Sector General Permit (MSGP) regulated by the Environmental Protection Agency (EPA). The MSGP is a permit that authorizes stormwater discharge associated with industrial activity. A Storm Water Pollution Prevention Plan (SWPPP) has been developed for each the Sunport and DEII as a requirement of the MSGP. Each SWPPP details how Aviation will continue to maintain MSGP compliance at each airport. This Standard Operating Procedure (SOP) addresses the requirements for the *Routine Facility Inspections* (MSGP 2021, Part 3.1).

2. Acronyms and Definitions

BMP:	Best Management Practices; instituted stormwater controls to address activities that are potential sources of stormwater pollution. Each BMP outlines measures designed to reduce the potential for stormwater pollution.
EPA:	Environmental Protection Agency; an independent agency of the United States federal government for environmental protection.
HASP:	Health and Safety Plan; provides safety-related information and requirements specific to the task and work locations(s) described.
MSGP:	Multi-Sector General Permit; a general permit giving coverage for industrial facilities to discharge stormwater off their site into waters of the U.S. The Sunport and DEII fall under the jurisdiction of the permit as Sector S facilities. The 2021 MSGP was effective on March 1, 2021.
PPE:	Personal Protective Equipment; equipment that will protect the user against health or safety risks on the job.
PPT:	Stormwater Pollution Prevention Team; team comprised of representatives from the Aviation Department and at least one staff member from each additional operator. The PPT oversees the development and implementation of the SWPPP and the BMP.

SWPPP: Stormwater Pollution Prevention Plan; a Plan created to minimize pollutants coming in contact with stormwater at an industrial site based on the industrial activities performed. A SWPPP must be created and finalized before permit coverage can be obtained under the MSGP.

3. Schedule

Routine Facility Inspections must be conducted at least once per annual quarter during the entire permit term by Aviation and by each operator (MSGP 2021, Part 3.1.4). Unless otherwise instructed, at least one Routine Facility Inspection will be conducted by Aviation and/or their designee (Aviation Led Inspections). These inspections can take the place of a routine quarterly facility inspection conducted by each operator.

4. Equipment and Supplies

- Routine Facility Inspection Forms (**Attachment 1**)
- Aviation Badge (for entrance to secure areas)
- Safety vest, slip-resistant shoes
- Pen, Camera, Cell Phone
- Face mask that covers mouth and nose completely
- Company vehicle (for entrance to secure areas)

5. Environment & Safety

Routine Facility Inspections occur at each tenant's facility within Sunport and DEII. Inspection work can entail encounters with potentially hazardous situations. Potential hazards could include but are not limited to: slippery and uneven surfaces, moving vehicles and equipment, and chemical hazards (stored chemicals, hazardous materials, hazardous waste, etc.).

When conducting inspections on the ramp area, use the best judgment to not interfere with aviation operations and maintain a safe distance from aircraft and ground service crews. Stay near the gate area where the ground service equipment is stored.

6. Personal Protective Equipment (PPE)

Recommended PPE includes:

- Safety vest
- Steel-toed safety shoes, slip-resistant
- Cold-weather clothing
- Face masks





7. Procedures

Preparation Work

When preparing to conduct a SWPPP Inspection, the following documents have to be updated as needed:

- PPT List – See **Section 8** of this SOP. Update names and contact information of the person(s) responsible for preparing the facilities for inspections.
- Routine Facility Inspection Forms – **Attachment 1**. Note that there are four different SWPPP Inspection Forms according to the type of tenant inspected:
 - Airlines and Cargo
 - Aviation Operations
 - Car Rental Facilities
 - Fixed-Base Operators

Inspection Scheduling

Once the PPT List is updated, the Routine Facility Inspections schedule will be prepared. This will usually occur two weeks before the Inspection. Tenants are given an individual date and time for their inspection. An Outlook calendar invitation will be sent with a reminder of the appropriate documentation that tenants need to have available, including 3 years of completed quarterly inspections, 2 years of annual SWPPP training records, 2 years of preventive maintenance documentation and waste manifests, SPCC plans (when applicable), Spill Response Plans posted, Safety Data Sheets for chemicals (electronic or hard copy), and a copy of the SWPPP and BMPs.

Consider scheduling certain tenants in consecutive slots of time to make the inspections logistically practical; for example, car rental facilities can be scheduled on the same day, all the DEII tenants can be grouped, etc.

Routine Facility Inspection

The following steps should be followed when conducting the Routine Facility Inspection, and observations should be recorded on the appropriate Routine Facility Inspection Form (**Attachment 1**).

1. Conduct tenant interview. Use the section “Facility Activities” on page 1 of the Routine Facility Inspection Form to obtain and register the tenant’s activities that could have potential exposure to stormwater. Highlight any activities not listed in the form in the “Comments” section at the bottom of the first page.
2. Inspect documentation records. Use the section “Documentation” on page 2 of the Routine Facility Inspection Form to confirm that tenants keep records of Quarterly Inspections,



Stormwater Training, and other required documents (e.g., waste generation and disposal, SPCC plan, etc.)

3. Inspect the tenant's facilities. Conduct a walk-through to inspect the application of BMPs in the facility. Use the BMP sections of the Routine Facility Inspection Form to document findings and use a Camera or Cell Phone to take pictures of all the findings. The following findings classification convention will be applied during the Routine Facility Inspections:
 - a. **Non-Compliances.** Non-compliance items are those where the BMPs or other specific provisions of the SWPPP are not being implemented or are only partially being implemented. A **Major** Non-Compliance is a condition that may result in immediate stormwater pollution (the determinant for major non-compliances is: *if it were to rain right at the moment of the inspection, stormwater would be polluted*). Major Non-Compliances require immediate clean-up, permanent solutions to prevent pollutants from being released again, and a re-inspection within 24 hours to determine if immediate actions have been implemented. A **Minor** Non-Compliance should be brought to the attention of the tenant during the inspection and corrective actions should be implemented. Tenants are required to respond through written correspondence to Major and Minor Non-Compliances after they receive their finding letters (see **Findings Letter** procedure details below).
 - b. **Suggested Improvements.** Areas of suggested improvements are noted in the Inspection forms as recommendations and do not count as non-compliance items. Suggested Improvements are listed in the findings letter, but do not require a tenant's response. Suggested improvements are classified in the final report as suggested improvements for MSGP Covered Operators and Non-MSGP Operators.
 - c. **Outstanding Performance.** The exceptional performance of a tenant is noted in the Routine Facility Inspection Form as Outstanding Performance. This is granted to a tenant based on the way they have effectively implemented the BMPs and addressed previous non-compliances issues. This will be given to tenants at the inspector's discretion.
4. Finalize Inspection. Fill out the Routine Facility Inspection form and provide a verbal summary of the findings to the tenant. The form should be signed by both the inspector and the tenant. Scan and email the tenant a copy of the inspection form within the next business day from the inspection.

Findings Letter

Findings letters should contain non-compliance items, suggested improvements, and outstanding performance identified during the inspection. Such letters should be prepared and emailed to the tenants ideally within 15 calendar days of the date of the inspection. The tenant then has 30 calendar days to provide a response by written correspondence showing documentation (photographs, pdf



copies, etc.) of correcting the identified non-compliances. This time frame would comply with the maximum of 45 days established in Section 5.1.3.2 of the MSGP 2021.

If a tenant does not have any non-compliance, suggested improvements, or outstanding performance, a findings letter will still be prepared and emailed to them for their SWPPP documentation records. If a Minor Non-Compliance item is immediately addressed during the time of the inspection, it is not listed in the findings letter, but it is still accounted for in the final report.

When preparing the findings letters and listing the non-compliance items or suggested improvements, provide the BMP number and description associated with the observations and recommended actions provided. Refer to SWPPP Appendix F for the updated BMP numbers and descriptions.

Aviation and its designee will collect all the written responses from tenants for reporting purposes.

Reporting

Separate Routine Facility Inspection Reports will be prepared for Sunport and for DEII. Reports will include a detailed summary of the inspection results, a photo log and the inspection forms and findings letters compiled.

Inspection results should include a summary of the findings observed during the inspections (non-compliance, suggested improvements, and outstanding performance), tenant responses to non-compliances, and a non-compliance trend analysis for the last four years to determine reoccurring non-compliances. The trend analysis should be conducted per tenant and per BMP.

The photo log attached to the report should include pictures from all the tenants' facilities and it will serve as evidence of the type of findings identified during the inspections. It is recommended to also include pictures of the correct application and implementation of BMPs.

For every tenant inspected, one signed Routine Facility Inspection Form and one findings letter should be compiled. These documents will be included as an attachment to the Routine Facility Inspection Report.

8. References & Related Documents

Regulatory Documents:

- Storm Water Pollution Prevention Plans for DEII and Sunport Section 4.2.1 and Appendix F (May 2021)
<https://www.abgsunport.com/sustainability-environmental/>
- Multi-Sector General Permit Part 8.S (January 2021)
<https://www.epa.gov/npdes/stormwater-discharges-industrial-activities-epas-2021-msgp>



Stormwater Pollution Prevention Team:

- <http://swppabqnet0.web801.discountasp.net/Secure/TeamReport.aspx?A=1>

City of Albuquerque – Aviation Department’s Environmental Management System:

- <http://swppabqnet0.web801.discountasp.net/Login.aspx>

9. Attachments

1. Routine Facility Inspection Forms



Attachment 1

Routine Facility Inspection Forms

City of Albuquerque Aviation Department
Routine Facility Inspection Form
Airline and Cargo

FACILITY INFORMATION						
TENANT NAME:				AIRPORT:	☐ ABQ ☐ DEII	
ADDRESS:				PHONE:		
CITY:	STATE:		ZIP:	EMAIL:		
TENANT REPRESENTATIVE NAME(S) AND TITLE(S):						
INSPECTOR(S) INFORMATION						
INSPECTOR:			SITE VISIT DATE:		SITE VISIT TIME:	
INSPECTOR:						
FACILITY ACTIVITIES				STORED ONSITE CHEMICALS		
Activity	Yes	No	Subcontract to:	Material	Quantity	Container
Maintenance						
Aircraft Maintenance						
Vehicle Maintenance						
Equipment Maintenance						
Painting						
Aircraft Painting/Stripping						
Vehicle Painting/Stripping						
Other Painting/Stripping						
Cleaning						
Aircraft Washing						
Vehicle Washing						
Equipment Degreasing/Washing						
Storage						
Aircraft Storage						
Vehicle Storage						
Equipment Storage						
Oil & Haz Chemical Storage						
Handling & Disposal of Waste & Materials						
Haz-Mat/Waste Generation						
Solid Waste Generation						
Lavatory Services						
Fuel Storage and Delivery						
Aircraft Fueling						
Vehicle Fueling						
Equipment Fueling						
Fuel Storage						
Tanks (UST/AST)						
Building and Grounds Maintenance						
Floor Wash Down						
Landscape Maintenance						
Pest / Weed Control						
Sidewalk/Pavement Anti-icing						
Other						
Cargo Handling						
Deicing Services						
Oil/Water Separator(s)						
Facility Activities Items/Notes						☐ N/A
Activity	Comment					

City of Albuquerque Aviation Department
Routine Facility Inspection Form
Airline and Cargo

DOCUMENTATION (BMPs 1, 3, 5, 6, 7)				Comments
Facility Inspections and Maintenance Documentation	Yes	No	Doc	
Maintains current copy of SWPPP & BMPs				
Has submitted NOI and has NPDES Tracking No.				
Retain waste generation and disposal documentation for past three years (5.21) ☐ ____ ☐ ____ ☐ ____ ☐ ____ 				
Response received to previous year's Compliance Letter (999)				
Quarterly Inspections Performed (1.15, 2.07, 3.03, 5.16, 5.17, 5.18, 6.05, 7.12, 7.13, 8.03) ☐ ____ ☐ ____ ☐ ____ ☐ ____ 				
Training	Yes	No	Doc	
Representative(s) attended annual CABQ stormwater training (1.21)				
Stormwater training for all applicable employees (1.20) ☐ ____ ☐ ____ ☐ ____ ☐ ____ 				
Contractor SWPPP Education (1.21)				
Waste management training (5.19)				
Fuel spill response training (6.06)				
Other Documentation	Yes	No	Doc	
Do you have cumulative 1,320 aboveground fuel/oil storage? (1.09) Date of Plan?				
Is the SPCC Plan physically available?				
Does Aviation have a copy of this SPCC plan?				
REQUIRED ACTION(S): ☐ NONE				
GENERAL (BMP 1)	Yes	No		
Exposed areas clean and orderly 1.01				
1.02				
Oil, grease, solvents, batteries, etc. recycled 1.03				
Biodegradable or less hazardous products used where possible? (i.e. citrus based products) 1.04				
Material inventory limited 1.05				
Signs posted near outdoor hose bibs listing use restrictions 1.23				
If not, is the building with the hose bib City-owned?				
REQUIRED ACTION(S): ☐ NONE				
SPILL PREVENTION (BMP 1)	Yes	No		
Spill Response Plan posted & current 1.09				
Spill kits located where spills are probable to occur 1.10				
Spill kits stocked with appropriate materials 1.10				
Spill(s) or staining observed 1.11				
Drip pans/ spill mats/ booms used 1.12				
Collected spill materials properly disposed 1.13				
REQUIRED ACTION(S): ☐ NONE				

City of Albuquerque Aviation Department
Routine Facility Inspection Form
Airline and Cargo

INDUSTRIAL AND MAINTENANCE ACTIVITIES (BMPs 1, 2, 5)	Yes	No	Comments		
Performed indoors or under storm resistant cover when practical 1.06 2.05					
Performed away from storm drains or drains covered 2.06					
Parts cleaning & degreasing performed indoors or under cover 2.01					
Designated areas for temporary tanker/materials truck parking 4.02					
Exposure to run-on & run-off minimized 1.14					
Used batteries properly stored or recycled in 30 days 5.05					
Used oil containers and filters properly recycled 5.06					
REQUIRED ACTION(S): ☐ NONE					
HAZARDOUS WASTE AND MATERIAL STORAGE AREAS (BMPs 1, 2, 4, 5)	Yes	No	Comments		
Mat'ls stored indoors and away from exit doors or under storm-resistant cover when practical 1.06, 5.01 5.13					
Outdoor materials stored and handled in paved areas 5.01					
Contained by berms, secondary containment, etc. 5.01, 5.15					
Secondary containment adequately sized 5.01					
Containers clearly labeled and appropriate 5.04					
Liquids dispensed from upright drums w/ hand pumps 5.02, 5.14					
Signage posted indicating materials being stored 5.03					
MSDS available 5.21					
Bone yards eliminated 5.07					
REQUIRED ACTION(S): ☐ NONE					
AIRCRAFT, VEHICLE, AND EQUIPMENT CLEANING (BMP 3)					
Wash the following? (3.01)	Yes	No	Dry-Wash	WET-WASH	Other / Comment
				Inside	Outside
				Permit ted Area	Non- Permitted Area
Aircraft					
Vehicles					
Equipment					
Washing areas maintained					
AIRCRAFT, VEHICLE, AND EQUIPMENT STORAGE (BMP 4)					
Store the following? (4.01)	Yes	No	Inside	OUTSIDE	Other / Comment
				Under Cover	Away from Drains
Aircraft					
Vehicles					
Equipment					
Storage areas maintained					

**City of Albuquerque Aviation Department
Routine Facility Inspection Form
Airline and Cargo**

LAVATORY (BMP 5) ☐ SUB:		Yes	No	Comments
Only use fluids approved for discharge to the sewer	5.10			
Spills and/or leaks of lav fluid observed	5.10			
Proper disposal of lavatory waste	5.11			
Perform water truck flushing ops in designated area and discharge to sanitary sewer	5.12			
REQUIRED ACTION(S): ☐ NONE				
SOLID WASTE (BMP 5)		Yes	No	
Waste and unusable material disposed of properly	5.08			
Garbage collection area properly maintained	5.09			
Dumpster drains equipped with plugs	5.09			
Dumpster lids closed	5.09			
REQUIRED ACTION(S): ☐ NONE				
FUEL STORAGE AND DELIVERY (BMP 6) ☐ SUB:		Yes	No	
Preflight fuel check samples properly collected and properly disposed	6.04			
REQUIRED ACTION(S): ☐ NONE				
BUILDING & GROUNDS MAINTENANCE (BMP 7) ☐ SUB:				
<i>Building Maintenance</i>		Yes	No	
Building maintenance waste disposed of properly	7.01			
Interior floor cleaning water properly disposed	7.03			
Indoor oil/water separator maintained	7.09			
Does this facility have a fire foam system?	7.02, 7.07			
If yes, is it AFFF?	7.02, 7.07			
If yes, PFAS or PFOS?	7.02, 7.07			
Is it regularly inspected?	7.13			
Records of inspection?	7.13			
<i>Grounds Maintenance</i>		Yes	No	
Landscaping waste properly disposed	7.01			
Exterior ground surfaces cleaned properly	7.03			
Use of pesticide, herbicide and fertilizer minimized	7.11			
Landscaping provided for erosion control	7.14			
Outdoor oil/water separator maintained	7.09			

**City of Albuquerque Aviation Department
Routine Facility Inspection Form
Airline and Cargo**

BUILDING & GROUNDS MAINTENANCE (BMP 7) (continued)				
Storm Drains		Yes	No	
Storm drains clean and free of debris	7.10			
Storm drains labeled "no dumping, drains to river"	7.10			
Stormwater control devices maintained (e.g., hay bales, basins)	7.05			
Catch basins clean and maintained	7.05			
REQUIRED ACTION(S): ☐ NONE				
DEICING (BMP 8)		Yes	No	Comments
☐ SUB:				
Does tenant perform aircraft deicing?	8.0			
Is Airfield Maintenance contacted each day of deicing?	8.01			
Deicing done in properly designed & designated areas (i.e. >50 ft from storm drain)	8.02, 8.05			
Monthly quantities of deicing fluids tracked and reported	8.05			
<i>Note: Remind tenant to inform CABQ of monthly deicing fluid usage. Have them send this information to Chris Albrecht of CABQ and Dacia Tucholke and Kelsey Bicknell of CDM Smith.</i>				
REQUIRED ACTION(S): ☐ NONE				
INSPECTION SUMMARY				
Major Non-Compliances		☐ YES ☐ NO		
BMP(s)	Comments			
Minor Non-Compliances		☐ YES ☐ NO		
BMP(s)	Comments			
Recommendations		☐ YES ☐ NO		
BMP(s)	Comments			
Outstanding Performance		☐ YES ☐ NO		
BMP(s)	Comments			
INSPECTOR SIGNATURE				Time Complete
Name:		Signature:		
Tenant Representative				
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:				
Signature:				

City of Albuquerque Aviation Department
Routine Facility Inspection Form
Aviation Operations

FACILITY INFORMATION						
TENANT NAME:				AIRPORT:	☐ ABQ ☐ DEII	
ADDRESS:					PHONE:	
CITY:	STATE:		ZIP:	EMAIL:		
TENANT REPRESENTATIVE NAME(S) AND TITLE(S):						
INSPECTOR(S) INFORMATION						
INSPECTOR:			SITE VISIT DATE:		SITE VISIT TIME:	
INSPECTOR:						
FACILITY ACTIVITIES				STORED ONSITE CHEMICALS		
Activity	Yes	No	Subcontract to:	Material	Quantity	Container
Maintenance						
Aircraft Maintenance						
Vehicle Maintenance						
Equipment Maintenance						
Painting						
Aircraft Painting/Stripping						
Vehicle Painting/Stripping						
Other Painting/Stripping						
Cleaning						
Aircraft Washing						
Vehicle Washing						
Equipment Degreasing/Washing						
Storage						
Aircraft Storage						
Vehicle Storage						
Equipment Storage						
Oil & Haz Chemical Storage						
Handling & Disposal of Waste & Materials						
Haz-Mat/Waste Generation						
Solid Waste Generation						
Lavatory Services						
Fuel Storage and Delivery						
Aircraft Fueling						
Vehicle Fueling						
Equipment Fueling						
Fuel Storage						
Tanks (UST/AST)						
Building and Grounds Maintenance						
Floor Wash Down						
Landscape Maintenance						
Pest / Weed Control						
Sidewalk/Pavement Anti-icing						
Other						
Deicing Services						
Oil/Water Separator(s)						
Facility Activities Items/Notes						☐ N/A
Activity	Comment					

City of Albuquerque Aviation Department
Routine Facility Inspection Form
Aviation Operations

DOCUMENTATION (BMPs 1, 3, 5, 6, 7)				Comments
Facility Inspections and Maintenance Documentation	Yes	No	Doc	
Maintains current copy of SWPPP & BMPs				
Has submitted NOI and has NPDES Tracking No.				
Retain waste generation and disposal documentation for past three years (5.21)	☐	☐	☐	
Response received to previous year's Compliance Letter (999)				
Quarterly Inspections Performed (1.15, 2.07, 3.03, 5.16, 5.17, 5.18, 6.05, 7.12, 7.13, 8.03)	☐	☐	☐	
Training	Yes	No	Doc	
Representative(s) attended annual CABQ stormwater training (1.21)				
Stormwater training for all applicable employees (1.20)	☐	☐	☐	
Contractor SWPPP Education (1.21)				
Waste management training (5.19)				
Fuel spill response training (6.06)				
Other Documentation	Yes	No	Doc	
Do you have cumulative 1,320 aboveground fuel/oil storage? (1.09) Date of Plan?				
Is the SPCC Plan physically available?				
Does Aviation have a copy of this SPCC plan?				
REQUIRED ACTION(S):				
☐ NONE				
GENERAL (BMP 1)	Yes	No		
Exposed areas clean and orderly	1.01			
	1.02			
Oil, grease, solvents, batteries, etc. recycled	1.03			
Biodegradable or less hazardous products used where possible? (i.e. citrus based products)	1.04			
Material inventory limited	1.05			
Signs posted near outdoor hose bibs listing use restrictions	1.23			
If not, is the building with the hose bib City-owned?				
REQUIRED ACTION(S):				
☐ NONE				
SPILL PREVENTION (BMP 1)	Yes	No		
Spill Response Plan posted & current	1.09			
Spill kits located where spills are probable to occur	1.10			
Spill kits stocked with appropriate materials	1.10			
Spill(s) or staining observed	1.11			
Drip pans/ spill mats/ booms used	1.12			
Collected spill materials properly disposed	1.13			
REQUIRED ACTION(S):				
☐ NONE				

City of Albuquerque Aviation Department

Routine Facility Inspection Form

Aviation Operations

INDUSTRIAL AND MAINTENANCE ACTIVITIES (BMPs 1, 2, 5)		Yes	No	Comments		
Performed indoors or under storm resistant cover when practical	1.06 2.05					
Performed away from storm drains or drains covered	2.06					
Parts cleaning & degreasing performed indoors or under cover	2.01					
Designated areas for temporary tanker/materials truck parking	4.02					
Exposure to run-on & run-off minimized	1.14					
Used batteries properly stored or recycled in 30 days	5.05					
Used oil containers and filters properly recycled	5.06					
REQUIRED ACTION(S):						
☐ NONE						
HAZARDOUS WASTE AND MATERIAL STORAGE AREAS (BMPs 1, 2, 4, 5)		Yes	No	Comments		
Mat'ls stored indoors and away from exit doors or under storm-resistant cover when practical	1.06, 5.01 5.13					
Outdoor materials stored and handled in paved areas	5.01					
Contained by berms, secondary containment, etc.	5.01, 5.15					
Secondary containment adequately sized	5.01					
Containers clearly labeled and appropriate	5.04					
Liquids dispensed from upright drums w/ hand pumps	5.02, 5.14					
Signage posted indicating materials being stored	5.03					
MSDS available	5.21					
Bone yards eliminated	5.07					
REQUIRED ACTION(S):						
☐ NONE						
AIRCRAFT, VEHICLE, AND EQUIPMENT CLEANING (BMP 3)						
Wash the following? (3.01)	Yes	No	Dry-Wash	WET-WASH		Other / Comment
				Inside	Outside	
				Permit ted Area	Non- Permitted Area	
Aircraft						
Vehicles						
Equipment						
Washing areas maintained						
AIRCRAFT, VEHICLE, AND EQUIPMENT STORAGE (BMP 4)						
Store the following? (4.01)	Yes	No	Inside	OUTSIDE		Other / Comment
				Under Cover	Away from Drains	
Aircraft						
Vehicles						
Equipment						
Storage areas maintained						
SOLID WASTE (BMP 5)		Yes	No	Comments		
Waste and unusable material disposed of properly	5.08					
Garbage collection area properly maintained	5.09					
Dumpster drains equipped with plugs	5.09					
Dumpster lids closed	5.09					
REQUIRED ACTION(S):						
☐ NONE						

City of Albuquerque Aviation Department

Routine Facility Inspection Form

Aviation Operations

FUEL STORAGE AND DELIVERY (BMP 6)		Yes	No	Comments
Vehicle fueling station fitted with "no topping off" signs	6.01			
Fueling tanks fitted with monitoring and alarm equip	6.02			
Fueling tanks fitted with breakaway hose connections	6.02			
Accidental releases blocked from reaching storm drains	6.03			
Equipment fueled in designated areas	6.03			
Spill kits maintained on mobile refuelers	6.03			
General containment provided for mobile refuelers	6.03			
REQUIRED ACTION(S):				
☐ NONE				
BUILDING & GROUNDS MAINTENANCE (BMP 7)		Yes	No	
Building Maintenance				
Building maintenance waste disposed of properly	7.01			
Interior floor cleaning water properly disposed	7.03			
Indoor oil/water separator maintained	7.09			
Does this facility have a fire foam system?	7.02, 7.07			
If yes, is it AFFF?	7.02, 7.07			
If yes, PFAS or PFOS?	7.02, 7.07			
Is it regularly inspected?	7.13			
Records of inspection?	7.13			
Grounds Maintenance		Yes	No	
Landscaping waste properly disposed	7.01			
Exterior ground surfaces cleaned properly	7.03			
Use of pesticide, herbicide and fertilizer minimized	7.11			
Landscaping provided for erosion control	7.14			
Outdoor oil/water separator maintained	7.09			
Storm Drains		Yes	No	
Storm drains clean and free of debris	7.10			
Storm drains labeled "no dumping, drains to river"	7.10			
Stormwater control devices maintained (e.g., hay bales, basins)	7.05			
Catch basins clean and maintained	7.05			
REQUIRED ACTION(S):				
☐ NONE				
INSPECTION SUMMARY				
Major Non-Compliances		☐ YES ☐ NO		
BMP(s)	Comments			
Minor Non-Compliances		☐ YES ☐ NO		
BMP(s)	Comments			
Recommendations		☐ YES ☐ NO		
BMP(s)	Comments			
Outstanding Performance		☐ YES ☐ NO		
BMP(s)	Comments			
INSPECTOR SIGNATURE		Time Complete		
Name:	Signature:			
Tenant Representative				
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designated 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:				
Signature:				

City of Albuquerque Aviation Department
Routine Facility Inspection Form
Car Rental Facilities

[illegible]

City of Albuquerque Aviation Department
Routine Facility Inspection Form
Car Rental Facilities

DOCUMENTATION (BMPs 1, 3, 5, 6, 7)				Comments
Facility Inspections and Maintenance Documentation	Yes	No	Doc	
Maintains current copy of SWPPP & BMPs				
Has submitted NOI and has NPDES Tracking No.				
Retain waste generation and disposal documentation for past three years (5.21)	☐	☐	☐	
Response received to previous year's Compliance Letter (999)				
Quarterly Inspections Performed (1.15, 2.07, 3.03, 5.16, 5.17, 5.18, 6.05, 7.12, 7.13, 8.03)	☐	☐	☐	
Training	Yes	No	Doc	
Representative(s) attended annual CABQ stormwater training (1.21)				
Stormwater training for all applicable employees (1.20)	☐	☐	☐	
Contractor SWPPP Education (1.21)				
Waste management training (5.19)				
Fuel spill response training (6.06)				
Other Documentation	Yes	No	Doc	
Do you have cumulative 1,320 aboveground fuel/oil storage? (1.09) Date of Plan?				
Is the SPCC Plan physically available?				
Does Aviation have a copy of this SPCC plan?				
REQUIRED ACTION(S):				
☐ NONE				
GENERAL (BMP 1)	Yes	No		
Exposed areas clean and orderly	1.01			
	1.02			
Oil, grease, solvents, batteries, etc. recycled	1.03			
Biodegradable or less hazardous products used where possible? (i.e. citrus based products)	1.04			
Material inventory limited	1.05			
Signs posted near outdoor hose bibs listing use restrictions	1.23			
If not, is the building with the hose bib City-owned?				
REQUIRED ACTION(S):				
☐ NONE				
SPILL PREVENTION (BMP 1)	Yes	No		
Spill Response Plan posted & current	1.09			
Spill kits located where spills are probable to occur	1.10			
Spill kits stocked with appropriate materials	1.10			
Spill(s) or staining observed	1.11			
Drip pans/ spill mats/ booms used	1.12			
Collected spill materials properly disposed	1.13			
REQUIRED ACTION(S):				
☐ NONE				

City of Albuquerque Aviation Department
Routine Facility Inspection Form
Car Rental Facilities

INDUSTRIAL AND MAINTENANCE ACTIVITIES (BMPs 1, 2, 5)	Yes	No	Comments				
Performed indoors or under storm resistant cover when practical 1.06 2.05							
Performed away from storm drains or drains covered 2.06							
Parts cleaning & degreasing performed indoors or under cover 2.01							
Designated areas for temporary tanker/materials truck parking 4.02							
Exposure to run-on & run-off minimized 1.14							
Used batteries properly stored or recycled in 30 days 5.05							
Used oil containers and filters properly recycled 5.06							
REQUIRED ACTION(S): ☐ NONE							
HAZARDOUS WASTE AND MATERIAL STORAGE AREAS (BMPs 1, 2, 4, 5)	Yes	No					
Mat'ls stored indoors and away from exit doors or under storm-resistant cover when practical 1.06, 5.01							
5.13							
Outdoor materials stored and handled in paved areas 5.01							
Contained by berms, secondary containment, etc. 5.01, 5.15							
Secondary containment adequately sized 5.01							
Containers clearly labeled and appropriate 5.04							
Liquids dispensed from upright drums w/ hand pumps 5.02, 5.14							
Signage posted indicating materials being stored 5.03							
MSDS available 5.21							
Bone yards eliminated 5.07							
REQUIRED ACTION(S): ☐ NONE							
VEHICLE AND EQUIPMENT CLEANING (BMP 3)							
Wash the following? (3.01)	Yes	No	Sub:	Dry-Wash	WET-WASH		Other / Comment
					Inside	Outside	
					Permitted Area	Non-Permitted Area	
Vehicles							
Equipment							
Washing areas maintained							
VEHICLE AND EQUIPMENT STORAGE (BMP 4)							
Store the following? (4.01)	Yes	No	Sub:	Inside	OUTSIDE		Other / Comment
					Under Cover	Away from Drains	
Vehicles							
Equipment							
Storage areas maintained							
SOLID WASTE (BMP 5)	Yes	No					
Waste and unusable material disposed of properly 5.08							
Garbage collection area properly maintained 5.09							
Dumpster drains equipped with plugs 5.09							
Dumpster lids closed 5.09							
REQUIRED ACTION(S): ☐ NONE							

Car Rental Facilities

4 of 4

City of Albuquerque Aviation Department
Routine Facility Inspection Form
Fixed-Base Operators

FACILITY INFORMATION						
TENANT NAME:				AIRPORT:	☐ ABQ ☐ DEII	
ADDRESS:				PHONE:		
CITY:	STATE:		ZIP:	EMAIL:		
TENANT REPRESENTATIVE NAME(S) AND TITLE(S):						
INSPECTOR(S) INFORMATION						
INSPECTOR:			SITE VISIT DATE:		SITE VISIT TIME:	
INSPECTOR:						
FACILITY ACTIVITIES				STORED ONSITE CHEMICALS		
Activity	Yes	No	Subcontract to:	Material	Quantity	Container
Maintenance						
Aircraft Maintenance						
Vehicle Maintenance						
Equipment Maintenance						
Painting						
Aircraft Painting/Stripping						
Vehicle Painting/Stripping						
Other Painting/Stripping						
Cleaning						
Aircraft Washing						
Vehicle Washing						
Equipment Degreasing/Washing						
Storage						
Aircraft Storage						
Vehicle Storage						
Equipment Storage						
Oil & Haz Chemical Storage						
Handling & Disposal of Waste & Materials						
Haz-Mat/Waste Generation						
Solid Waste Generation						
Lavatory Services						
Fuel Storage and Delivery						
Aircraft Fueling						
Vehicle Fueling						
Equipment Fueling						
Fuel Storage						
Tanks (UST/AST)						
Building and Grounds Maintenance						
Floor Wash Down						
Landscape Maintenance						
Pest / Weed Control						
Sidewalk/Pavement Anti-icing						
Other						
Cargo Handling						
Deicing Services						
Oil/Water Separator(s)						
Facility Activities Items/Notes						☐ N/A
Activity	Comment					

City of Albuquerque Aviation Department
Routine Facility Inspection Form
Fixed-Base Operators

DOCUMENTATION (BMPs 1, 3, 5, 6, 7)				Comments
Facility Inspections and Maintenance Documentation	Yes	No	Doc	
Maintains current copy of SWPPP & BMPs				
Has submitted NOI and has NPDES Tracking No.				
Retain waste generation and disposal documentation for past three years (5.21)	☐	☐	☐	
Response received to previous year's Compliance Letter (999)				
Quarterly Inspections Performed (1.15, 2.07, 3.03, 5.16, 5.17, 5.18, 6.05, 7.12, 7.13, 8.03)	☐	☐	☐	
Training	Yes	No	Doc	
Representative(s) attended annual CABQ stormwater training (1.21)				
Stormwater training for all applicable employees (1.20)	☐	☐	☐	
Contractor SWPPP Education (1.21)				
Waste management training (5.19)				
Fuel spill response training (6.06)				
Other Documentation	Yes	No	Doc	
Do you have cumulative 1,320 aboveground fuel/oil storage? (1.09) Date of Plan?				
Is the SPCC Plan physically available?				
Does Aviation have a copy of this SPCC plan?				
REQUIRED ACTION(S):				
☐ NONE				
GENERAL (BMP 1)	Yes	No		
Exposed areas clean and orderly	1.01			
	1.02			
Oil, grease, solvents, batteries, etc. recycled	1.03			
Biodegradable or less hazardous products used where possible? (i.e. citrus based products)	1.04			
Material inventory limited	1.05			
Signs posted near outdoor hose bibs listing use restrictions	1.23			
If not, is the building with the hose bib City-owned?				
REQUIRED ACTION(S):				
☐ NONE				
SPILL PREVENTION (BMP 1)	Yes	No		
Spill Response Plan posted & current	1.09			
Spill kits located where spills are probable to occur	1.10			
Spill kits stocked with appropriate materials	1.10			
Spill(s) or staining observed	1.11			
Drip pans/ spill mats/ booms used	1.12			
Collected spill materials properly disposed	1.13			
REQUIRED ACTION(S):				
☐ NONE				

City of Albuquerque Aviation Department
Routine Facility Inspection Form
Fixed-Base Operators

INDUSTRIAL AND MAINTENANCE ACTIVITIES (BMPs 1, 2, 5)		Yes	No	Comments			
Performed indoors or under storm resistant cover when practical	1.06 2.05						
Performed away from storm drains or drains covered	2.06						
Parts cleaning & degreasing performed indoors or under cover	2.01						
Designated areas for temporary tanker/materials truck parking	4.02						
Exposure to run-on & run-off minimized	1.14						
Used batteries properly stored or recycled in 30 days	5.05						
Used oil containers and filters properly recycled	5.06						
REQUIRED ACTION(S):							
☐ NONE							
HAZARDOUS WASTE AND MATERIAL STORAGE AREAS (BMPs 1, 2, 4, 5)		Yes	No	Comments			
Mat'ls stored indoors and away from exit doors or under storm-resistant cover when practical	1.06, 5.01 5.13						
Outdoor materials stored and handled in paved areas	5.01						
Contained by berms, secondary containment, etc.	5.01, 5.15						
Secondary containment adequately sized	5.01						
Containers clearly labeled and appropriate	5.04						
Liquids dispensed from upright drums w/ hand pumps	5.02, 5.14						
Signage posted indicating materials being stored	5.03						
MSDS available	5.21						
Bone yards eliminated	5.07						
REQUIRED ACTION(S):							
☐ NONE							
AIRCRAFT, VEHICLE, AND EQUIPMENT CLEANING (BMP 3)							
Wash the following? (3.01)	Yes	No	Dry-Wash	WET-WASH			Other / Comment
				Inside	Outside		
					Permit ted Area	Non- Permitted Area	
Aircraft							
Vehicles							
Equipment							
Washing areas maintained							
AIRCRAFT, VEHICLE, AND EQUIPMENT STORAGE (BMP 4)							
Store the following? (4.01)	Yes	No	Inside	OUTSIDE		Other / Comment	
				Under Cover	Away from Drains		
Aircraft							
Vehicles							
Equipment							
Storage areas maintained							

**City of Albuquerque Aviation Department
Routine Facility Inspection Form
Fixed-Base Operators**

LAVATORY (BMP 5) ☐ SUB:		Yes	No	Comments
Only use fluids approved for discharge to the sewer	5.10			
Spills and/or leaks of lav fluid observed	5.10			
Proper disposal of lavatory waste	5.11			
Perform water truck flushing ops in designated area and discharge to sanitary sewer	5.12			
REQUIRED ACTION(S): ☐ NONE				
SOLID WASTE (BMP 5)		Yes	No	
Waste and unusable material disposed of properly	5.08			
Garbage collection area properly maintained	5.09			
Dumpster drains equipped with plugs	5.09			
Dumpster lids closed	5.09			
REQUIRED ACTION(S): ☐ NONE				
FUEL STORAGE AND DELIVERY (BMP 6)		Yes	No	
Vehicle fueling station fitted with "no topping off" signs	6.01			
Fueling tanks fitted with monitoring and alarm equip	6.02			
Fueling tanks fitted with breakaway hose connections	6.02			
Accidental releases blocked from reaching storm drains	6.03			
Equipment fueled in designated areas	6.03			
Spill kits maintained on mobile refuelers	6.03			
General containment provided for mobile refuelers	6.03			
REQUIRED ACTION(S): ☐ NONE				
BUILDING & GROUNDS MAINTENANCE (BMP 7)				
Building Maintenance		Yes	No	
Building maintenance waste disposed of properly	7.01			
Interior floor cleaning water properly disposed	7.03			
Indoor oil/water separator maintained	7.09			
Does this facility have a fire foam system?	7.02, 7.07			
If yes, is it AFFF?	7.02, 7.07			
If yes, PFAS or PFOS?	7.02, 7.07			
Is it regularly inspected?	7.13			
Records of inspection?	7.13			
Grounds Maintenance		Yes	No	
Landscaping waste properly disposed	7.01			
Exterior ground surfaces cleaned properly	7.03			
Use of pesticide, herbicide and fertilizer minimized	7.11			
Landscaping provided for erosion control	7.14			
Outdoor oil/water separator maintained	7.09			
☐ NONE				

City of Albuquerque Aviation Department
Routine Facility Inspection Form
Fixed-Base Operators

BUILDING & GROUNDS MAINTENANCE (BMP 7) (continued)			
Storm Drains		Yes	No
Storm drains clean and free of debris	7.10		
Storm drains labeled "no dumping, drains to river"	7.10		
Stormwater control devices maintained (e.g., hay bales, basins)	7.05		
Catch basins clean and maintained	7.05		
REQUIRED ACTION(S): ☐ NONE			
DEICING (BMP 8) ☐ SUB:		Yes	No
		Comments	
Does tenant perform aircraft deicing?	8.0		
Is Airfield Maintenance contacted each day of deicing?	8.01		
Deicing done in properly designed & designated areas (i.e. >50 ft from storm drain)	8.02, 8.05		
Monthly quantities of deicing fluids tracked and reported	8.05		
<i>Note: Remind tenant to inform CABQ of monthly deicing fluid usage. Have them send this information to Chris Albrecht of CABQ and Dacia Tucholke and Kelsev Bicknell of CDM Smith.</i>			
REQUIRED ACTION(S): ☐ NONE			
INSPECTION SUMMARY			
Major Non-Compliances		☐ YES	☐ NO
BMP(s)	Comments		
Minor Non-Compliances		☐ YES	☐ NO
BMP(s)	Comments		
Recommendations		☐ YES	☐ NO
BMP(s)	Comments		
Outstanding Performance		☐ YES	☐ NO
BMP(s)	Comments		
INSPECTOR SIGNATURE		Time Complete	
Name: _____		Signature: _____	
Tenant Representative			
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designated 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: _____			
Signature: _____			

ASSESSMENT OF NON-STORMWATER DISCHARGES

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Standard Operating Procedure: Assessment of Non-Stormwater Discharges City of Albuquerque Aviation Department 	Version	2.0
	Made by	Aviation
	Effective date	4/19/2021
	Pages	5
	Authorized Signatory:	

1. Objectives & Scope

The City of Albuquerque's Aviation Department (Aviation) operates two airports, Albuquerque International Sunport (Sunport) and Double Eagle II Airport (DEII). Each facility will obtain coverage under the 2021 Multi-Sector General Permit (MSGP) regulated by the Environmental Protection Agency (EPA). The MSGP is a permit that authorizes stormwater discharge associated with industrial activity. A Storm Water Pollution Prevention Plan (SWPPP) has been developed for each the Sunport and DEII as a requirement of the MSGP. Each SWPPP details how Aviation will continue to maintain MSGP compliance at each airport. This Standard Operating Procedure (SOP) addresses the MSGP requirements for assessment of non-stormwater discharges (MSGP 2021, Parts 1.2 and 8.S.2).

2. Acronyms and Definitions

Arid Areas: Areas where annual rainfall averages from 0 to 10 inches.

EPA: Environmental Protection Agency; an independent agency of the United States federal government for environmental protection.

HASP: Health and Safety Plan; provides safety-related information and requirements specific to the task and work locations(s) described.

Measurable Storm Event:

A precipitation event that results in a measurable amount of precipitation (i.e., a storm event that results in an actual discharge or snowmelt that generates a measurable discharge) and that follows the preceding storm event by a minimum of 72 hours (3-days). The 72-hour storm interval does not apply if you document that less than a 72-hour interval is representative for local storm events.

MSGP: Multi-Sector General Permit; a general permit giving coverage for industrial facilities to discharge stormwater off their site into waters of the U.S. The Sunport and DEII fall under jurisdiction of the permit as Sector S facilities. The 2021 MSGP was effective on March 1, 2021.



Outfall: Also discharge point. The location where collected and concentrated stormwater flows are discharged from the facility such that the first receiving waterbody into which discharge flows, either directly or through a separate storm sewer system, is a water of the U.S.

PPE: Personal Protective Equipment; equipment that will protect the user against health or safety risks on the job.

SWPPP: Stormwater Pollution Prevention Plan; a Plan created to minimize pollutants coming in contact with stormwater at an industrial site based on the industrial activities performed. A SWPPP must be created and finalized before permit coverage can be obtained under the MSGP.

Stormwater Team:

The group of individuals responsible for oversight of the development and modifications of the SWPPP, and oversight of compliance with permit requirements.

Substantially Identical Outfall:

If a facility has two or more outfalls that discharge substantially identical effluents, quarterly visual assessments of the discharge need to only be conducted at one outfall. The outfall selected as the representative sample must be rotated on a quarterly basis.

3. Schedule

Once per calendar year for the permit term (MSGP 2021), Aviation and/or its designee will assess non-stormwater discharges (also referred to as dry weather assessments) at each designated stormwater outfall located at Sunport and DEII.

4. Equipment and Supplies

- Maps of Outfall Locations (**Attachment 1**)
- Dry Weather Inspection of Stormwater Outfalls Form (**Attachment 2**)
- Manhole Lid Tool (Outfall N17 at the Sunport)
- Pen, Camera, Cell Phone

5. Environment & Safety

Driving to some outfall locations at Sunport may require use of a four-wheel drive vehicle. In addition, access to outfalls in secure areas of the Sunport requires use of a vehicle with the company logo clearly displayed; and while not required, a company vehicle with logo is also recommended for use at DEII. Outfalls located at DEII include concrete pipes with metal grates in earthen areas with vegetation. Sunport outfalls include the following types:

- Concrete pipe with a metal grate in an earthen area/drainage pond
- Manhole over storm sewer pipe
- Concrete energy dissipation structure

Assessment of non-stormwater discharges includes mobilizing to outfall locations at DEII and Sunport during precipitation events. Outfalls will be accessed by foot and can include embankments, uneven, or slippery (muddy) surfaces, as well as overgrown vegetation, ditches, or obstacles. Field work can entail encounters with potentially hazardous situations. Potential hazards could include but are not limited to: extreme weather conditions (heat), wildlife encounters (rattlesnakes), back injury while removing a manhole cover, vehicle malfunctioning, slippery and uneven surfaces, potential contaminants in runoff, and driving on poorly maintained roads/off road.

6. Personal Protective Equipment (PPE)

Recommended PPE includes:

- Safety vest
- Steel-toed safety shoes
- Hard hat (high traffic areas)
- Face mask that covers mouth and nose completely



7. Procedures

Weather Monitoring

When preparing to conduct an annual assessment of non-stormwater discharges, weather should be monitored to identify a timeframe to conduct monitoring. Recommended websites for weather monitoring are provided in **Section 8** of this SOP. An assessment of non-stormwater discharges can only occur during dry weather, where there has been no rainfall for the preceding 72 hours.

Outfall Locations

Assessments will be made at all outfall locations identified on the maps for Sunport and DEII (**Attachment 1**). Outfall N17 at the Sunport is the only outfall that will require use of a manhole lid tool to gain access for visual assessment.

Assessment

The following steps should be followed when assessing an outfall, and observations should be recorded on the *Dry Weather Inspection of Stormwater Outfalls* form (**Attachment 2**):

1. Inspect the outfall for runoff. If there is runoff during a dry monitoring inspection, it is a result of runoff other than stormwater (a weather event). Note whether there is pooled water below the



outfall, and whether it could be attributed to an allowable discharge, an illicit discharge, or a recent stormwater runoff which hasn't yet evaporated. Photograph any runoff, discharging or ponding, if present.

2. If there is runoff from an outfall, a reconnaissance of the outfall drainage area is required to determine if the source is an allowable discharge or not. Oftentimes, the runoff is from broken sprinkler heads, which is an allowable discharge (only fresh water is being discharged). If the discharge is not allowable, it needs to be stopped and additional measures are necessary to prevent the discharge from reoccurring. Photograph location and type of discharge that is occurring.
3. Inspect the condition of the outfall. This includes, when applicable, concrete outfall, energy dissipation structure, retention/ detention pond, and metal grate covering outfall. Take photos to show the condition of the outfall.
4. Use the *Dry Weather Inspection of Stormwater Outfalls Form* to record detailed observations for each outfall as defined above, as well as the outfall ID, date, time, inspector name, and weather.

Reporting

A report (Annual Assessment of Non-stormwater Discharges) will be prepared by Aviation (or approved representative) and placed within the SWPPP records. Reports will include a summary of observations for each outfall, the facility drainage plan, a photograph log, and completed inspection forms. Reports will also be uploaded to the Aviation Department's *Environmental Management System* database.

8. References & Related Documents

Regulatory Documents:

- Industrial Stormwater Monitoring and Sampling Guide Section 3.5 (March 2009)
https://www3.epa.gov/npdes/pubs/msgp_monitoring_guide.pdf
- Storm Water Pollution Prevention Plans for DEII and Sunport Section 2.3 (May 2020)
- Multi-Sector General Permit Part 3.2 (March 2021)
<https://www.epa.gov/npdes/stormwater-discharges-industrial-activities-epas-2021-msgp>

Weather Tracking:

- <https://forecast.weather.gov>
- <https://www.wunderground.com/weather/us/nm/albuquerque>
- <https://www.krqe.com/weather>



City of Albuquerque – Aviation Department’s Environmental Management System:

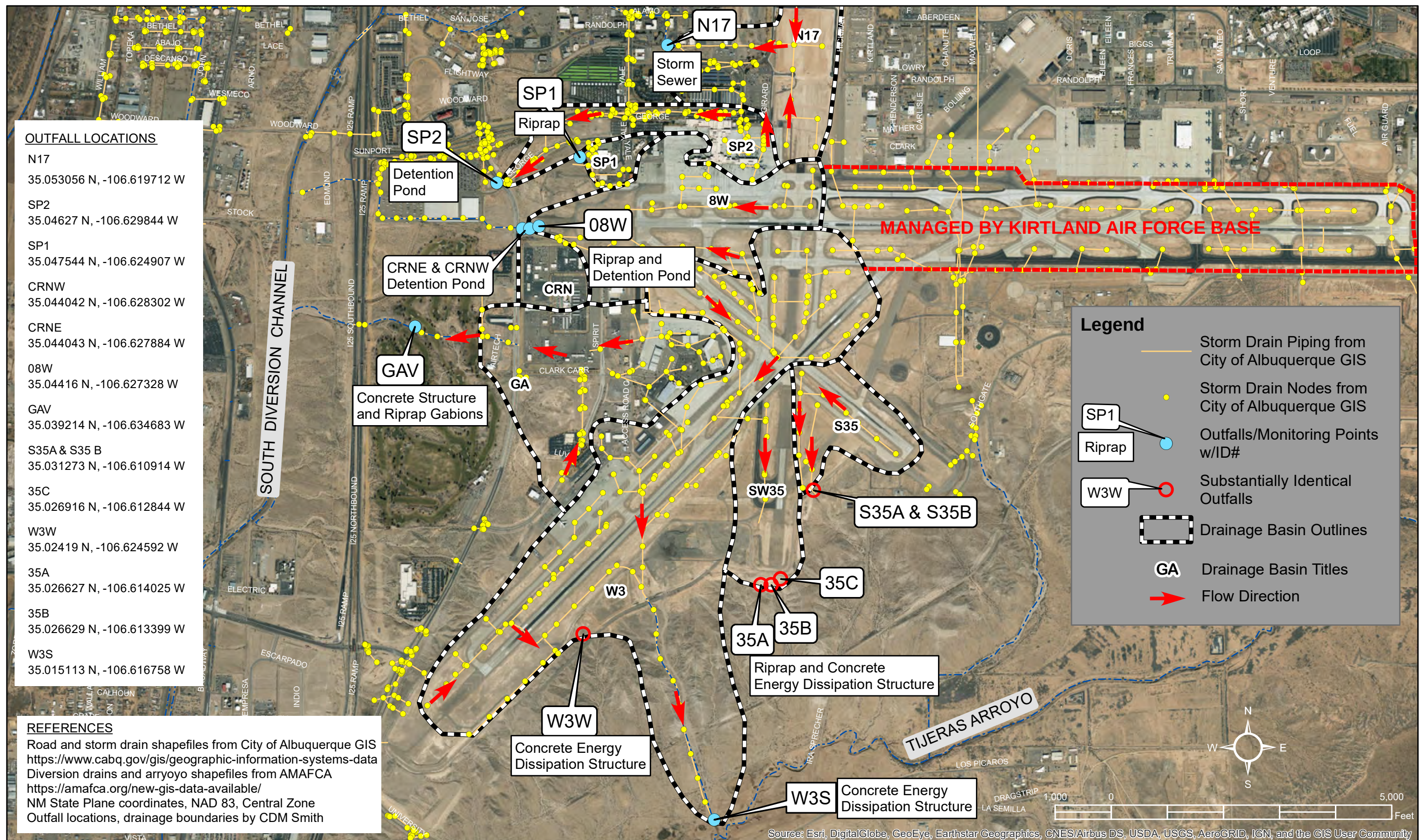
- <http://swppabqnet0.web801.discountasp.net/Login.aspx>

9. Attachments

1. Outfall Location Maps for Sunport and DEII
2. Dry Weather Inspection of Stormwater Outfalls Form



Attachment 1.
Outfall Location Maps for Sunport and DEII



XREFs: [DOUBLE EAGLE OUTFALLS, BASEMAP-DOUBLE-EAGLE] Images: [DbIEagle, DbIEgl-A, DbIEgl-B, DbIEgl-C, DbIEgl-D, DbIEgl-E, DbIEgl-F, DbIEgl-G, DbIEgl-H]
Last saved by: DOAKEC Time: 4/1/2021 8:35:05 AM
pw:\cdmsmith-az02-pw.bentley.com:PW_PL\136361\257523\03 Reports and Studies\09 CADD Figures and Graphics\DOUBLE EAGLE\FIG-4_DE_DRAINAGE.dwg

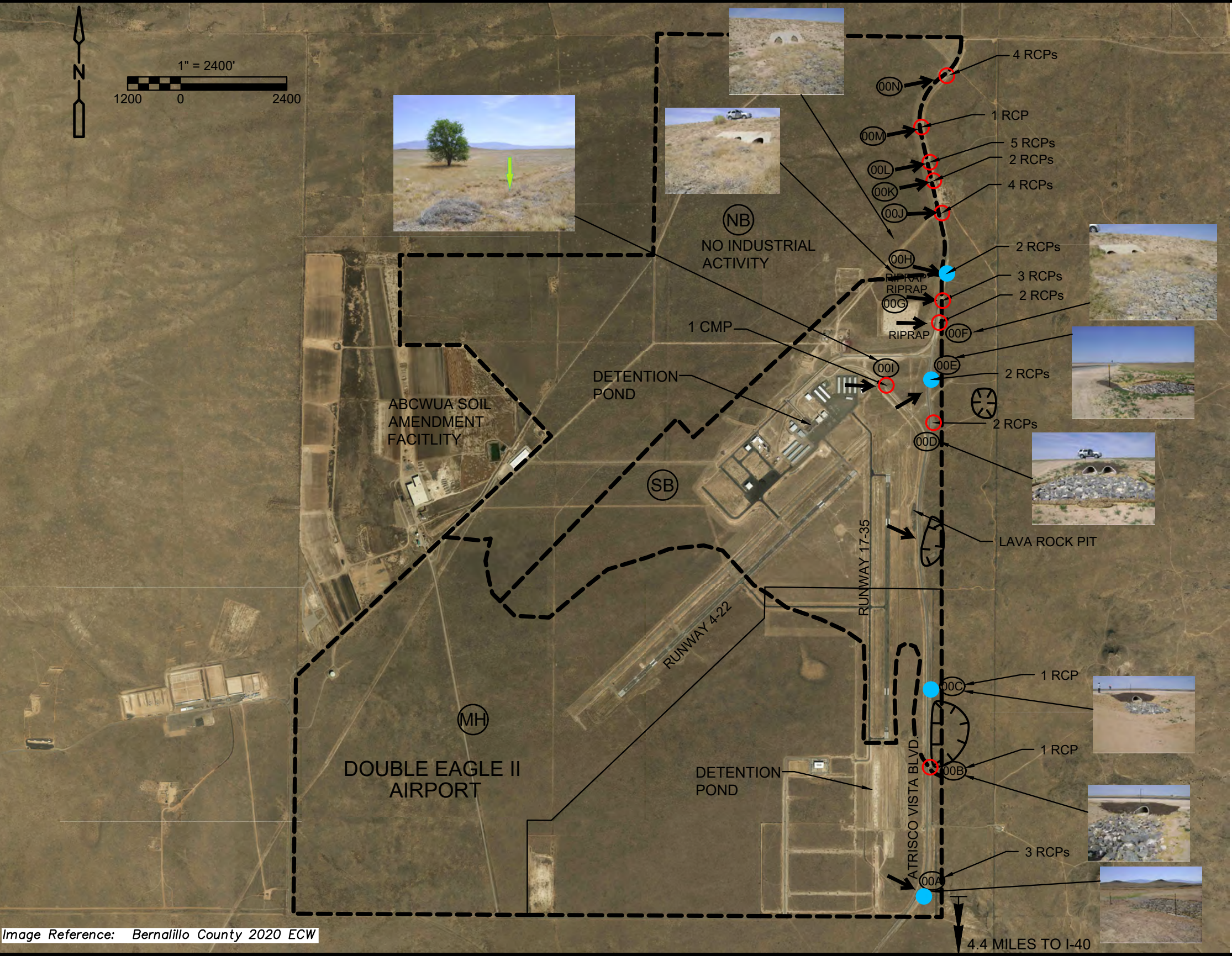
LEGEND

- (NB) STORMWATER BASIN TITLES
- (00A) OUTFALL ID #
- OUTFALLS/MONITORING POINTS WITH ID #
- SUBSTANTIALLY IDENTICAL OUTFALLS
- ← DIRECTION OF STORMWATER FLOW AT OUTFALLS
- ⊗ INTERNAL DRAINAGE FEATURE (PLAYA)
- - - DRAINAGE BASIN BOUNDARY

OUTFALL LOCATIONS

- (00A) SLIGHTLY NORTH OF SHOOTING RANGE SIGN (35°7'34.98"N, 106°47'09.58"W)
- (00B) SLIGHTLY SOUTH OF RUNWAY, ACADEMY TO WEST (35°8'03.92"N, 106°47'08.09"W)
- (00C) SOUTH OF LAVA ROCK PIT, RUNWAY TO WEST (35°8'21.32"N, 106°47'07.97"W)
- (00D) SOUTH OF INTERSECTION (35°9'21.05"N, 106°47'07.67"W)
- (00E) SOUTH OF INTERSECTION (35°9'30.70"N, 106°47'08.33"W)
- (00F) NORTH OF INTERSECTION (35°9'43.46"N, 106°47'06.22"W)
- (00G) NORTH OF INTERSECTION (35°9'48.39"N, 106°47'05.37"W)
- (00H) NORTH OF INTERSECTION, SOUTH OF BEND IN ROAD (35°9'54.46"N, 106°47'04.26"W)
- (00I) ALONG OLD ROAD, SITUATED BETWEEN TWO TREES (35°9'29.35"N, 106°47'20.59"W)
- (00J) ALONG ATRISCO VISTA (35°10'07.99"N, 106°47'05.67"W)
- (00K) ALONG ATRISCO VISTA (35°10'15.21"N, 106°47'07.96"W)
- (00L) ALONG ATRISCO VISTA (35°10'19.36"N, 106°47'09.05"W)
- (00M) ALONG ATRISCO VISTA (35°10'27.21"N, 106°47'11.38"W)
- (00N) ALONG ATRISCO VISTA (35°10'38.75"N, 106°47'04.55"W)

NOTE: CMP = CORRUGATED METAL PIPE
RCP = REINFORCED CONCETE PIPE



DOUBLE EAGLE II AIRPORT
STORMWATER POLLUTION PREVENTION PLAN

Figure No. 4
Drainage Plan
May 2021





Attachment 2.

Dry Weather Inspection of Stormwater Outfalls Form



Albuquerque International Sunport (ABQ)
Double Eagle II Airport (DEII)



Dry Weather Inspection of
Stormwater Outfalls

Year: _____

Date: _____

Airport: ☐ ABQ ☐ DEII

Inspector: _____

Weather: _____

Outfall ID: _____

Description of Outfall Condition: _____

Time: _____

Flow Observed: ☐ Yes ☐ No

Additional Comments: _____

Outfall ID: _____

Description of Outfall Condition: _____

Time: _____

Flow Observed: ☐ Yes ☐ No

Additional Comments: _____

Outfall ID: _____

Description of Outfall Condition: _____

Time: _____

Flow Observed: ☐ Yes ☐ No

Additional Comments: _____

Outfall ID: _____

Description of Outfall Condition: _____

Time: _____

Flow Observed: ☐ Yes ☐ No

Additional Comments: _____

Outfall ID: _____

Description of Outfall Condition: _____

Time: _____

Flow Observed: ☐ Yes ☐ No

Additional Comments: _____

Outfall ID: _____

Description of Outfall Condition: _____

Time: _____

Flow Observed: ☐ Yes ☐ No

Additional Comments: _____

APPENDIX I
ENDANGERED AND THREATENED SPECIES SCREENING MEMORANDUM

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Memorandum

*To: Christopher Albrecht, Environmental Manager
Albuquerque Aviation Department*

From: Kelsey Bicknell

Date: March 26, 2021

*Subject: Albuquerque International Sunport and Double Eagle II Airport Documentation with
Respect to Endangered Species*

The eligibility determination with regard to endangered species was originally completed in 2015 and updated in 2017 to support of the Aviation Department's Notices of Intent (NOIs) for coverage of the Albuquerque International Sunport (ABQ) and Double Eagle II Airport (DEII) under the 2015 Multi-Sector General Permit for Stormwater Discharges Associated with Industrial Activity (MSGP). The MSGP 2021 requires verification of the status of current species on the U.S. Fish and Wildlife Service's (FWS) threatened or endangered species list for the Action Areas of the two airports.

Using the methodology outlined in Appendix E of MSGP 2021, both airports have been determined eligible for coverage under Criterion C2 related to endangered species protection. The action areas for both airports were reduced to only reflect downstream impacts of stormwater discharges. AQB discharges are approximately 5 miles from the nearest critical habitat. DEII discharges are approximately 8 miles from the nearest critical habitat.

The FWS maintains an online mapping tool *Information, Planning and Consultation System* (IPaC) (<http://ecos.fws.gov/ipac/>), used to create area specific listings of endangered species. An Official Species List Request was performed and an Official Species List (List) was created for each Action Area. Both Lists contain the same threatened or endangered species and critical habitat. The information from the IPaC website is presented in **Attachment 1** for each Action Area.

Based on the Lists, there are five federally-listed species and one critical habitats determined to potentially occur in the Action Areas. These five species and habitat are listed on Tables 1 and 2. No new species have been added since 2017 (**Attachment 2**).

It is important that the Environmental Manager be up to date on the threatened and endangered species in the event that an issue regarding special status species at either airport occurs. This information should also be conveyed to Airfield Maintenance staff.

Table 1 Threatened or Endangered Species listed for Action Areas

Common Name	Scientific Name	Species Group	Listing Status
Mexican spotted owl	<i>Strix occidentalis lucida</i>	birds	T
New Mexico Meadow Jumping Mouse	<i>Zapus hudsonius luteus</i>	mammals	E
Rio Grande Silvery Minnow	<i>Hybognathus amarus</i>	fishes	E
Southwest Willow Flycatcher	<i>Empidonax traillii extimus</i>	birds	E
Yellow-Billed Cuckoo	<i>Coccyzus americanus</i>	birds	T

C – Candidate, E – Endangered, T – Threatened

Table 2 Critical Habitats listed for Action Areas

Species Habitat	Critical Habitat Type
Rio Grande Silvery Minnow (<i>Hybognathus amarus</i>)	Final Designated

Information provided on the FWS website indicates that the endangered New Mexico meadow jumping mouse resides in moist, streamside, dense riparian/wetland vegetation. These environmental conditions are substantially different than those present at either airport. Additionally, no designated critical habitat has been established for this species.

Based on the habitat description provided by FWS, it is unlikely that any of the threatened or endangered species will occur on the established ABQ or DEII properties. However, two endangered species, the Rio Grande silvery minnow and the southwest willow flycatcher, are known or likely to be present, at least seasonally, at the receiving waters for airport stormwater discharges.

Attachments:

Attachment 1 - Endangered Species List 2021

Attachment 2 -Endangered Species List 2017



United States Department of the Interior



FISH AND WILDLIFE SERVICE
New Mexico Ecological Services Field Office

2105 Osuna Road Ne

Albuquerque, NM 87113-1001

Phone: (505) 346-2525 Fax: (505) 346-2542

<http://www.fws.gov/southwest/es/NewMexico/>

http://www.fws.gov/southwest/es/ES_Lists_Main2.html

In Reply Refer To:

March 31, 2021

Consultation Code: 02ENNM00-2021-SLI-0695

Event Code: 02ENNM00-2021-E-01623

Project Name: Double Eagle II Airport

Subject: Updated list of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

Thank you for your recent request for information on federally listed species and important wildlife habitats that may occur in your project area. The U.S. Fish and Wildlife Service (Service) has responsibility for certain species of New Mexico wildlife under the Endangered Species Act (ESA) of 1973 as amended (16 USC 1531 et seq.), the Migratory Bird Treaty Act (MBTA) as amended (16 USC 701-715), and the Bald and Golden Eagle Protection Act (BGEPA) as amended (16 USC 668-668c). We are providing the following guidance to assist you in determining which federally imperiled species may or may not occur within your project area and to recommend some conservation measures that can be included in your project design.

FEDERALLY-LISTED SPECIES AND DESIGNATED CRITICAL HABITAT

Attached is a list of endangered, threatened, and proposed species that may occur in your project area. Your project area may not necessarily include all or any of these species. Under the ESA, it is the responsibility of the Federal action agency or its designated representative to determine if a proposed action "may affect" endangered, threatened, or proposed species, or designated critical habitat, and if so, to consult with the Service further. Similarly, it is the responsibility of the Federal action agency or project proponent, not the Service, to make "no effect" determinations. If you determine that your proposed action will have "no effect" on threatened or endangered species or their respective critical habitat, you do not need to seek concurrence with the Service. Nevertheless, it is a violation of Federal law to harm or harass any federally-listed threatened or endangered fish or wildlife species without the appropriate permit.

If you determine that your proposed action may affect federally-listed species, consultation with the Service will be necessary. Through the consultation process, we will analyze information contained in a biological assessment that you provide. If your proposed action is associated with

Federal funding or permitting, consultation will occur with the Federal agency under section 7(a)(2) of the ESA. Otherwise, an incidental take permit pursuant to section 10(a)(1)(B) of the ESA (also known as a habitat conservation plan) is necessary to harm or harass federally listed threatened or endangered fish or wildlife species. In either case, there is no mechanism for authorizing incidental take "after-the-fact." For more information regarding formal consultation and HCPs, please see the Service's Consultation Handbook and Habitat Conservation Plans at www.fws.gov/endangered/esa-library/index.html#consultations.

The scope of federally listed species compliance not only includes direct effects, but also any interrelated or interdependent project activities (e.g., equipment staging areas, offsite borrow material areas, or utility relocations) and any indirect or cumulative effects that may occur in the action area. The action area includes all areas to be affected, not merely the immediate area involved in the action. Large projects may have effects outside the immediate area to species not listed here that should be addressed. If your action area has suitable habitat for any of the attached species, we recommend that species-specific surveys be conducted during the flowering season for plants and at the appropriate time for wildlife to evaluate any possible project-related impacts.

Candidate Species and Other Sensitive Species

A list of candidate and other sensitive species in your area is also attached. Candidate species and other sensitive species are species that have no legal protection under the ESA, although we recommend that candidate and other sensitive species be included in your surveys and considered for planning purposes. The Service monitors the status of these species. If significant declines occur, these species could potentially be listed. Therefore, actions that may contribute to their decline should be avoided.

Lists of sensitive species including State-listed endangered and threatened species are compiled by New Mexico state agencies. These lists, along with species information, can be found at the following websites:

Biota Information System of New Mexico (BISON-M): www.bison-m.org

New Mexico State Forestry. The New Mexico Endangered Plant Program:
www.emnrd.state.nm.us/SFD/ForestMgt/Endangered.html

New Mexico Rare Plant Technical Council, New Mexico Rare Plants: nmrareplants.unm.edu

Natural Heritage New Mexico, online species database: nhnm.unm.edu

WETLANDS AND FLOODPLAINS

Under Executive Orders 11988 and 11990, Federal agencies are required to minimize the destruction, loss, or degradation of wetlands and floodplains, and preserve and enhance their natural and beneficial values. These habitats should be conserved through avoidance, or mitigated to ensure that there would be no net loss of wetlands function and value.

We encourage you to use the National Wetland Inventory (NWI) maps in conjunction with ground-truthing to identify wetlands occurring in your project area. The Service's NWI program website, www.fws.gov/wetlands/Data/Mapper.html integrates digital map data with other resource information. We also recommend you contact the U.S. Army Corps of Engineers for permitting requirements under section 404 of the Clean Water Act if your proposed action could impact floodplains or wetlands.

MIGRATORY BIRDS

The MBTA prohibits the taking of migratory birds, nests, and eggs, except as permitted by the Service's Migratory Bird Office. To minimize the likelihood of adverse impacts to migratory birds, we recommend construction activities occur outside the general bird nesting season from March through August, or that areas proposed for construction during the nesting season be surveyed, and when occupied, avoided until the young have fledged.

We recommend review of Birds of Conservation Concern at website www.fws.gov/migratorybirds/CurrentBirdIssues/Management/BCC.html to fully evaluate the effects to the birds at your site. This list identifies birds that are potentially threatened by disturbance and construction.

BALD AND GOLDEN EAGLES

The bald eagle (*Haliaeetus leucocephalus*) was delisted under the ESA on August 9, 2007. Both the bald eagle and golden eagle (*Aquila chrysaetos*) are still protected under the MBTA and BGEPA. The BGEPA affords both eagles protection in addition to that provided by the MBTA, in particular, by making it unlawful to "disturb" eagles. Under the BGEPA, the Service may issue limited permits to incidentally "take" eagles (e.g., injury, interfering with normal breeding, feeding, or sheltering behavior nest abandonment). For information on bald and golden eagle management guidelines, we recommend you review information provided at www.fws.gov/midwest/eagle/guidelines/bgepa.html.

On our web site www.fws.gov/southwest/es/NewMexico/SBC_intro.cfm, we have included conservation measures that can minimize impacts to federally listed and other sensitive species. These include measures for communication towers, power line safety for raptors, road and highway improvements, spring developments and livestock watering facilities, wastewater facilities, and trenching operations.

We also suggest you contact the New Mexico Department of Game and Fish, and the New Mexico Energy, Minerals, and Natural Resources Department, Forestry Division for information regarding State fish, wildlife, and plants.

Thank you for your concern for endangered and threatened species and New Mexico's wildlife habitats. We appreciate your efforts to identify and avoid impacts to listed and sensitive species in your project area. For further consultation on your proposed activity, please call 505-346-2525 or email nmesfo@fws.gov and reference your Service Consultation Tracking Number.

Attachment(s):

- Official Species List
- Migratory Birds

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

New Mexico Ecological Services Field Office

2105 Osuna Road Ne

Albuquerque, NM 87113-1001

(505) 346-2525

Project Summary

Consultation Code: 02ENNM00-2021-SLI-0695

Event Code: 02ENNM00-2021-E-01623

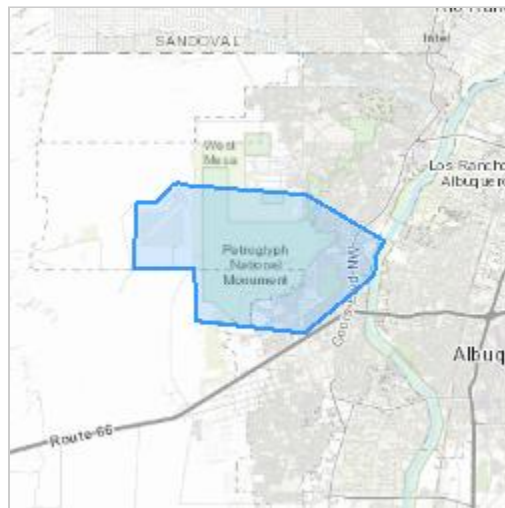
Project Name: Double Eagle II Airport

Project Type: ** OTHER **

Project Description: Requesting updating endangered species list to meet requirements of MSGP 2021.

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@35.12999015,-106.75288468025221,14z>



Counties: Bernalillo County, New Mexico

Endangered Species Act Species

There is a total of 5 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Mammals

NAME	STATUS
New Mexico Meadow Jumping Mouse <i>Zapus hudsonius luteus</i> There is final critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/7965	Endangered

Birds

NAME	STATUS
Mexican Spotted Owl <i>Strix occidentalis lucida</i> There is final critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/8196	Threatened
Southwestern Willow Flycatcher <i>Empidonax traillii extimus</i> There is final critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/6749	Endangered
Yellow-billed Cuckoo <i>Coccyzus americanus</i> Population: Western U.S. DPS There is proposed critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/3911	Threatened

Fishes

NAME	STATUS
Rio Grande Silvery Minnow <i>Hybognathus amarus</i> Population: Wherever found, except where listed as an experimental population There is final critical habitat for this species. Your location overlaps the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/1391	Endangered

Critical habitats

There is 1 critical habitat wholly or partially within your project area under this office's jurisdiction.

NAME	STATUS
Rio Grande Silvery Minnow <i>Hybognathus amarus</i> https://ecos.fws.gov/ecp/species/1391#crithab	Final

Migratory Birds

Certain birds are protected under the Migratory Bird Treaty Act¹ and the Bald and Golden Eagle Protection Act².

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described [below](#).

-
1. The [Migratory Birds Treaty Act](#) of 1918.
 2. The [Bald and Golden Eagle Protection Act](#) of 1940.
 3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

The birds listed below are birds of particular concern either because they occur on the [USFWS Birds of Conservation Concern](#) (BCC) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ [below](#). This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the [E-bird data mapping tool](#) (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found [below](#).

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON
Bald Eagle <i>Haliaeetus leucocephalus</i> This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. https://ecos.fws.gov/ecp/species/1626	Breeds Dec 1 to Aug 31
Black-chinned Sparrow <i>Spizella atrogularis</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9447	Breeds Apr 15 to Jul 31

NAME	BREEDING SEASON
Brewer's Sparrow <i>Spizella breweri</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/9291	Breeds May 15 to Aug 10
Burrowing Owl <i>Athene cunicularia</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/9737	Breeds Mar 15 to Aug 31
Chestnut-collared Longspur <i>Calcarius ornatus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds elsewhere
Clark's Grebe <i>Aechmophorus clarkii</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Jan 1 to Dec 31
Golden Eagle <i>Aquila chrysaetos</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/1680	Breeds Jan 1 to Aug 31
Grace's Warbler <i>Dendroica graciae</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA	Breeds May 20 to Jul 20
Lesser Yellowlegs <i>Tringa flavipes</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9679	Breeds elsewhere
Lewis's Woodpecker <i>Melanerpes lewis</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9408	Breeds Apr 20 to Sep 30
Long-billed Curlew <i>Numenius americanus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/5511	Breeds Apr 1 to Jul 31
Marbled Godwit <i>Limosa fedoa</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9481	Breeds elsewhere
Olive-sided Flycatcher <i>Contopus cooperi</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/3914	Breeds May 20 to Aug 31

NAME	BREEDING SEASON
Pinyon Jay <i>Gymnorhinus cyanocephalus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9420	Breeds Feb 15 to Jul 15
Rufous Hummingbird <i>selasphorus rufus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/8002	Breeds elsewhere
Virginia's Warbler <i>Vermivora virginiae</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9441	Breeds May 1 to Jul 31
Willet <i>Tringa semipalmata</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds elsewhere
Willow Flycatcher <i>Empidonax traillii</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/3482	Breeds May 20 to Aug 31

Probability Of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.

2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is $0.25/0.25 = 1$; at week 20 it is $0.05/0.25 = 0.2$.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

Breeding Season (■)

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (|)

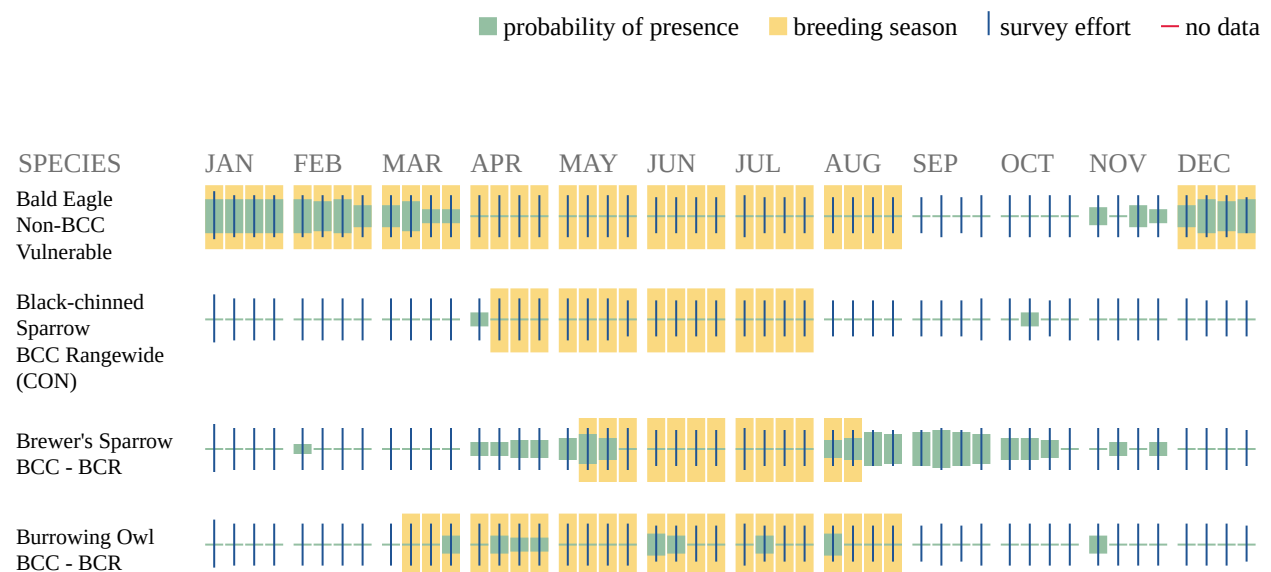
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

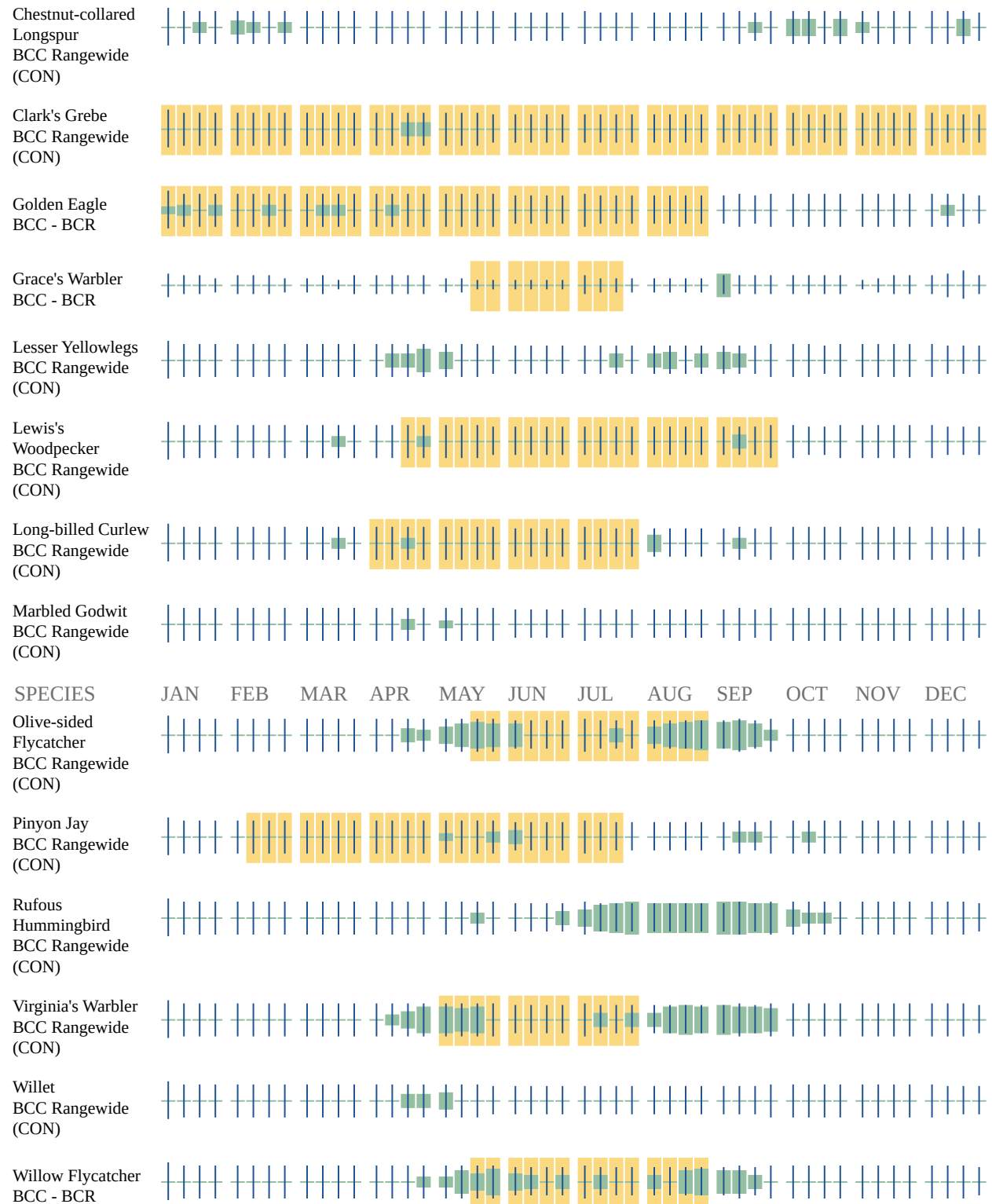
No Data (—)

A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.





Additional information can be found using the following links:

- Birds of Conservation Concern <http://www.fws.gov/birds/management/managed-species/birds-of-conservation-concern.php>
- Measures for avoiding and minimizing impacts to birds <http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/conservation-measures.php>
- Nationwide conservation measures for birds <http://www.fws.gov/migratorybirds/pdf/management/nationwidestandardconservationmeasures.pdf>

Migratory Birds FAQ

Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

[Nationwide Conservation Measures](#) describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. [Additional measures](#) or [permits](#) may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the migratory birds potentially occurring in my specified location?

The Migratory Bird Resource List is comprised of USFWS [Birds of Conservation Concern \(BCC\)](#) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle ([Eagle Act](#) requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the [AKN Phenology Tool](#).

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the [Avian Knowledge Network \(AKN\)](#). This data is derived from a growing collection of [survey, banding, and citizen science datasets](#).

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering, migrating or present year-round in my project area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may refer to the following resources: [The Cornell Lab of Ornithology All About Birds Bird Guide](#), or (if you are unsuccessful in locating the bird of interest there), the [Cornell Lab of Ornithology Neotropical Birds guide](#). If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are [Birds of Conservation Concern](#) (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the [Eagle Act](#) requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the [Northeast Ocean Data Portal](#). The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the [NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf](#) project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the [Diving Bird Study](#) and the [nanotag studies](#) or contact [Caleb Spiegel](#) or [Pam Loring](#).

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to [obtain a permit](#) to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.



United States Department of the Interior



FISH AND WILDLIFE SERVICE
New Mexico Ecological Services Field Office

2105 Osuna Road Ne

Albuquerque, NM 87113-1001

Phone: (505) 346-2525 Fax: (505) 346-2542

<http://www.fws.gov/southwest/es/NewMexico/>

http://www.fws.gov/southwest/es/ES_Lists_Main2.html

In Reply Refer To:

March 31, 2021

Consultation Code: 02ENNM00-2021-SLI-0690

Event Code: 02ENNM00-2021-E-01618

Project Name: Albuquerque Sunport SWPPP

Subject: Updated list of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

Thank you for your recent request for information on federally listed species and important wildlife habitats that may occur in your project area. The U.S. Fish and Wildlife Service (Service) has responsibility for certain species of New Mexico wildlife under the Endangered Species Act (ESA) of 1973 as amended (16 USC 1531 et seq.), the Migratory Bird Treaty Act (MBTA) as amended (16 USC 701-715), and the Bald and Golden Eagle Protection Act (BGEPA) as amended (16 USC 668-668c). We are providing the following guidance to assist you in determining which federally imperiled species may or may not occur within your project area and to recommend some conservation measures that can be included in your project design.

FEDERALLY-LISTED SPECIES AND DESIGNATED CRITICAL HABITAT

Attached is a list of endangered, threatened, and proposed species that may occur in your project area. Your project area may not necessarily include all or any of these species. Under the ESA, it is the responsibility of the Federal action agency or its designated representative to determine if a proposed action "may affect" endangered, threatened, or proposed species, or designated critical habitat, and if so, to consult with the Service further. Similarly, it is the responsibility of the Federal action agency or project proponent, not the Service, to make "no effect" determinations. If you determine that your proposed action will have "no effect" on threatened or endangered species or their respective critical habitat, you do not need to seek concurrence with the Service. Nevertheless, it is a violation of Federal law to harm or harass any federally-listed threatened or endangered fish or wildlife species without the appropriate permit.

If you determine that your proposed action may affect federally-listed species, consultation with the Service will be necessary. Through the consultation process, we will analyze information contained in a biological assessment that you provide. If your proposed action is associated with

Federal funding or permitting, consultation will occur with the Federal agency under section 7(a)(2) of the ESA. Otherwise, an incidental take permit pursuant to section 10(a)(1)(B) of the ESA (also known as a habitat conservation plan) is necessary to harm or harass federally listed threatened or endangered fish or wildlife species. In either case, there is no mechanism for authorizing incidental take "after-the-fact." For more information regarding formal consultation and HCPs, please see the Service's Consultation Handbook and Habitat Conservation Plans at www.fws.gov/endangered/esa-library/index.html#consultations.

The scope of federally listed species compliance not only includes direct effects, but also any interrelated or interdependent project activities (e.g., equipment staging areas, offsite borrow material areas, or utility relocations) and any indirect or cumulative effects that may occur in the action area. The action area includes all areas to be affected, not merely the immediate area involved in the action. Large projects may have effects outside the immediate area to species not listed here that should be addressed. If your action area has suitable habitat for any of the attached species, we recommend that species-specific surveys be conducted during the flowering season for plants and at the appropriate time for wildlife to evaluate any possible project-related impacts.

Candidate Species and Other Sensitive Species

A list of candidate and other sensitive species in your area is also attached. Candidate species and other sensitive species are species that have no legal protection under the ESA, although we recommend that candidate and other sensitive species be included in your surveys and considered for planning purposes. The Service monitors the status of these species. If significant declines occur, these species could potentially be listed. Therefore, actions that may contribute to their decline should be avoided.

Lists of sensitive species including State-listed endangered and threatened species are compiled by New Mexico state agencies. These lists, along with species information, can be found at the following websites:

Biota Information System of New Mexico (BISON-M): www.bison-m.org

New Mexico State Forestry. The New Mexico Endangered Plant Program:
www.emnrd.state.nm.us/SFD/ForestMgt/Endangered.html

New Mexico Rare Plant Technical Council, New Mexico Rare Plants: nmrareplants.unm.edu

Natural Heritage New Mexico, online species database: nhnm.unm.edu

WETLANDS AND FLOODPLAINS

Under Executive Orders 11988 and 11990, Federal agencies are required to minimize the destruction, loss, or degradation of wetlands and floodplains, and preserve and enhance their natural and beneficial values. These habitats should be conserved through avoidance, or mitigated to ensure that there would be no net loss of wetlands function and value.

We encourage you to use the National Wetland Inventory (NWI) maps in conjunction with ground-truthing to identify wetlands occurring in your project area. The Service's NWI program website, www.fws.gov/wetlands/Data/Mapper.html integrates digital map data with other resource information. We also recommend you contact the U.S. Army Corps of Engineers for permitting requirements under section 404 of the Clean Water Act if your proposed action could impact floodplains or wetlands.

MIGRATORY BIRDS

The MBTA prohibits the taking of migratory birds, nests, and eggs, except as permitted by the Service's Migratory Bird Office. To minimize the likelihood of adverse impacts to migratory birds, we recommend construction activities occur outside the general bird nesting season from March through August, or that areas proposed for construction during the nesting season be surveyed, and when occupied, avoided until the young have fledged.

We recommend review of Birds of Conservation Concern at website www.fws.gov/migratorybirds/CurrentBirdIssues/Management/BCC.html to fully evaluate the effects to the birds at your site. This list identifies birds that are potentially threatened by disturbance and construction.

BALD AND GOLDEN EAGLES

The bald eagle (*Haliaeetus leucocephalus*) was delisted under the ESA on August 9, 2007. Both the bald eagle and golden eagle (*Aquila chrysaetos*) are still protected under the MBTA and BGEPA. The BGEPA affords both eagles protection in addition to that provided by the MBTA, in particular, by making it unlawful to "disturb" eagles. Under the BGEPA, the Service may issue limited permits to incidentally "take" eagles (e.g., injury, interfering with normal breeding, feeding, or sheltering behavior nest abandonment). For information on bald and golden eagle management guidelines, we recommend you review information provided at www.fws.gov/midwest/eagle/guidelines/bgepa.html.

On our web site www.fws.gov/southwest/es/NewMexico/SBC_intro.cfm, we have included conservation measures that can minimize impacts to federally listed and other sensitive species. These include measures for communication towers, power line safety for raptors, road and highway improvements, spring developments and livestock watering facilities, wastewater facilities, and trenching operations.

We also suggest you contact the New Mexico Department of Game and Fish, and the New Mexico Energy, Minerals, and Natural Resources Department, Forestry Division for information regarding State fish, wildlife, and plants.

Thank you for your concern for endangered and threatened species and New Mexico's wildlife habitats. We appreciate your efforts to identify and avoid impacts to listed and sensitive species in your project area. For further consultation on your proposed activity, please call 505-346-2525 or email nmesfo@fws.gov and reference your Service Consultation Tracking Number.

Attachment(s):

- Official Species List
- Migratory Birds

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

New Mexico Ecological Services Field Office

2105 Osuna Road Ne

Albuquerque, NM 87113-1001

(505) 346-2525

Project Summary

Consultation Code: 02ENNM00-2021-SLI-0690

Event Code: 02ENNM00-2021-E-01618

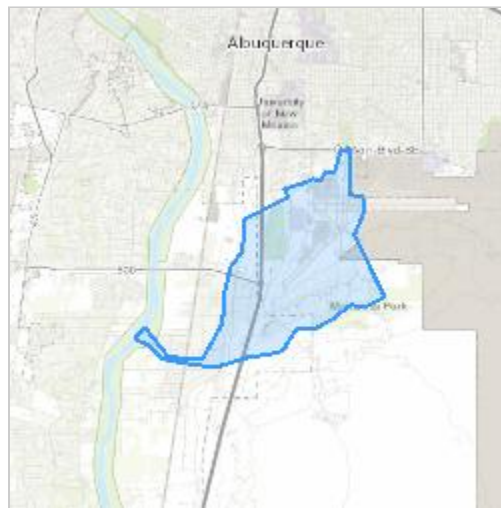
Project Name: Albuquerque Sunport SWPPP

Project Type: ** OTHER **

Project Description: Update list for 2021 MSGP. Project location is the Albuquerque International Sunport. All information is due May 31, 2021.

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@35.029756,-106.62514255915019,14z>



Counties: Bernalillo County, New Mexico

Endangered Species Act Species

There is a total of 5 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Mammals

NAME	STATUS
New Mexico Meadow Jumping Mouse <i>Zapus hudsonius luteus</i> There is final critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/7965	Endangered

Birds

NAME	STATUS
Mexican Spotted Owl <i>Strix occidentalis lucida</i> There is final critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/8196	Threatened
Southwestern Willow Flycatcher <i>Empidonax traillii extimus</i> There is final critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/6749	Endangered
Yellow-billed Cuckoo <i>Coccyzus americanus</i> Population: Western U.S. DPS There is proposed critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/3911	Threatened

Fishes

NAME	STATUS
Rio Grande Silvery Minnow <i>Hybognathus amarus</i> Population: Wherever found, except where listed as an experimental population There is final critical habitat for this species. Your location overlaps the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/1391	Endangered

Critical habitats

There is 1 critical habitat wholly or partially within your project area under this office's jurisdiction.

NAME	STATUS
Rio Grande Silvery Minnow <i>Hybognathus amarus</i> https://ecos.fws.gov/ecp/species/1391#crithab	Final

Migratory Birds

Certain birds are protected under the Migratory Bird Treaty Act¹ and the Bald and Golden Eagle Protection Act².

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described [below](#).

-
1. The [Migratory Birds Treaty Act](#) of 1918.
 2. The [Bald and Golden Eagle Protection Act](#) of 1940.
 3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

The birds listed below are birds of particular concern either because they occur on the [USFWS Birds of Conservation Concern](#) (BCC) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ [below](#). This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the [E-bird data mapping tool](#) (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found [below](#).

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON
Bald Eagle <i>Haliaeetus leucocephalus</i> This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. https://ecos.fws.gov/ecp/species/1626	Breeds Dec 1 to Aug 31
Black Rosy-finch <i>Leucosticte atrata</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9460	Breeds Jun 15 to Aug 31

NAME	BREEDING SEASON
Brewer's Sparrow <i>Spizella breweri</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/9291	Breeds May 15 to Aug 10
Brown-capped Rosy-finch <i>Leucosticte australis</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Jun 15 to Sep 15
Burrowing Owl <i>Athene cunicularia</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/9737	Breeds Mar 15 to Aug 31
Chestnut-collared Longspur <i>Calcarius ornatus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds elsewhere
Golden Eagle <i>Aquila chrysaetos</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/1680	Breeds Jan 1 to Aug 31
Grace's Warbler <i>Dendroica graciae</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA	Breeds May 20 to Jul 20
Gray Vireo <i>Vireo vicinior</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/8680	Breeds May 10 to Aug 20
Lesser Yellowlegs <i>Tringa flavipes</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9679	Breeds elsewhere
Long-billed Curlew <i>Numenius americanus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/5511	Breeds Apr 1 to Jul 31
Marbled Godwit <i>Limosa fedoa</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9481	Breeds elsewhere
Olive-sided Flycatcher <i>Contopus cooperi</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/3914	Breeds May 20 to Aug 31

NAME	BREEDING SEASON
Pinyon Jay <i>Gymnorhinus cyanocephalus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9420	Breeds Feb 15 to Jul 15
Rufous Hummingbird <i>selasphorus rufus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/8002	Breeds elsewhere
Virginia's Warbler <i>Vermivora virginiae</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9441	Breeds May 1 to Jul 31
Willet <i>Tringa semipalmata</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds elsewhere
Willow Flycatcher <i>Empidonax traillii</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/3482	Breeds May 20 to Aug 31

Probability Of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.

2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is $0.25/0.25 = 1$; at week 20 it is $0.05/0.25 = 0.2$.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

Breeding Season (■)

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (|)

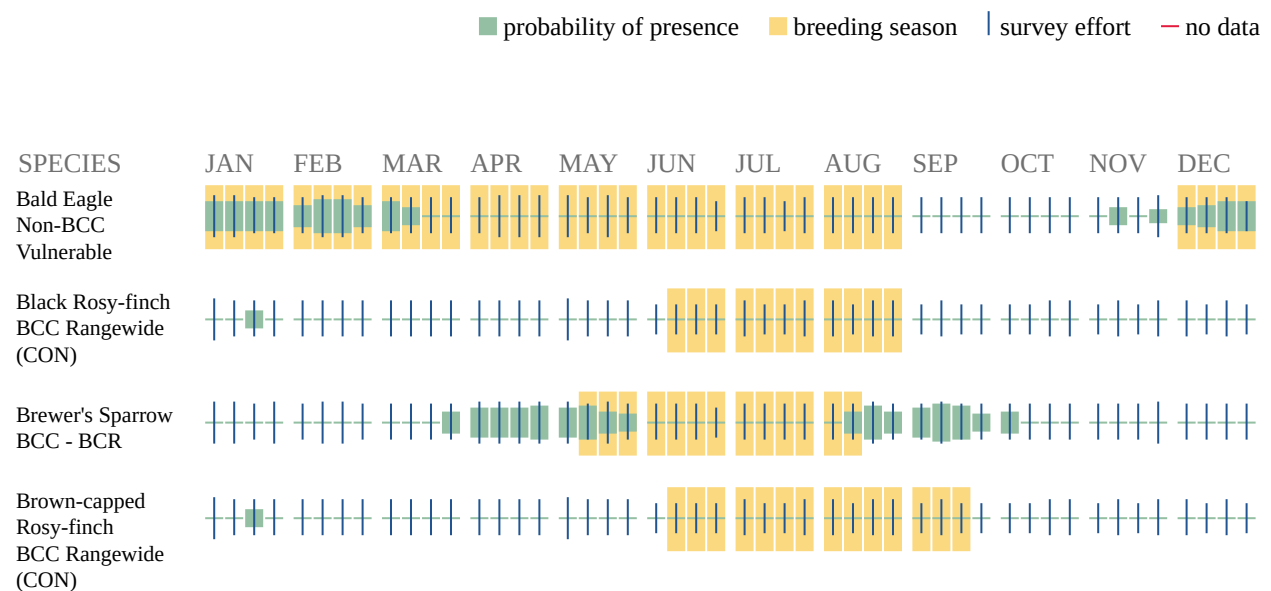
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

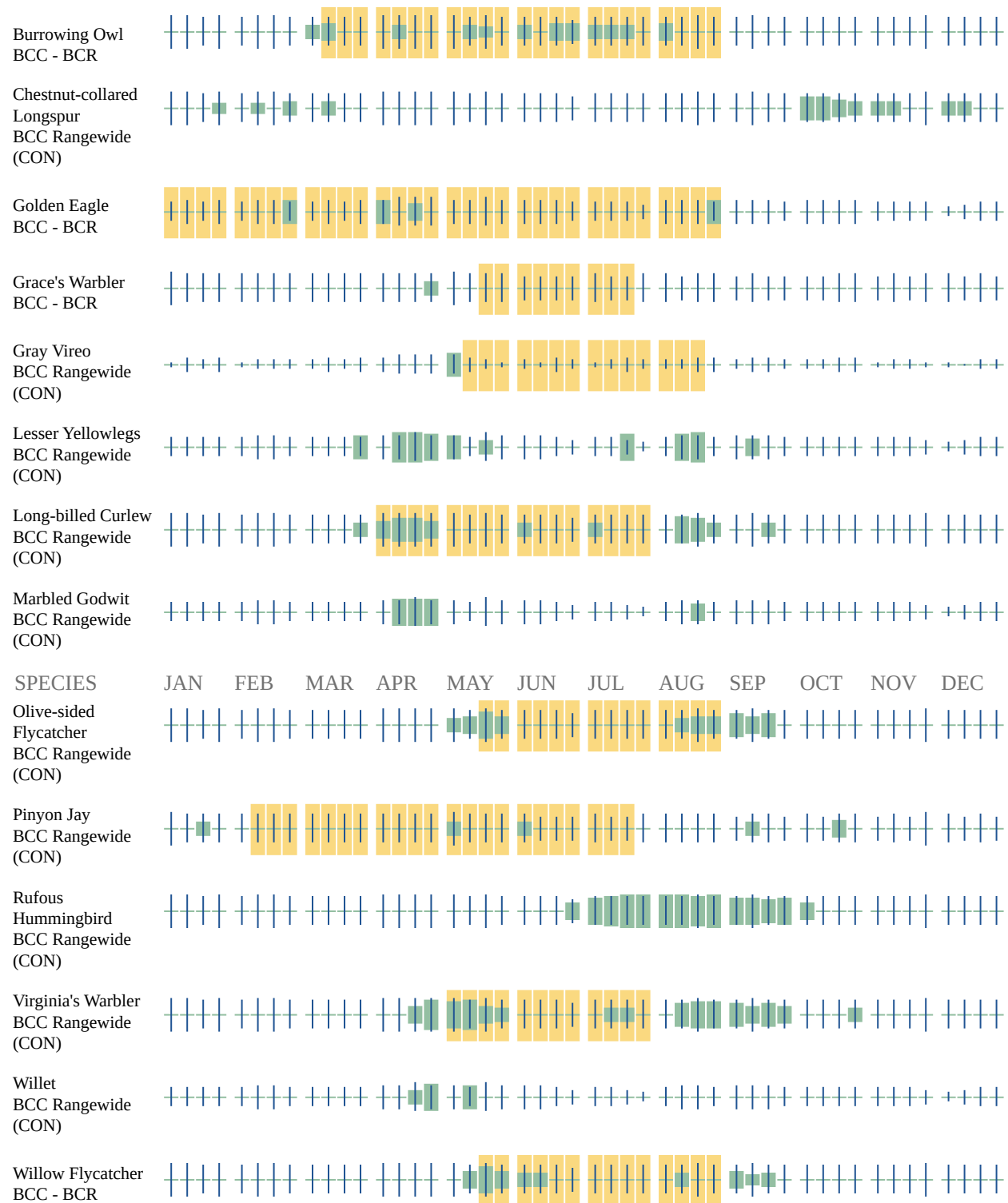
No Data (—)

A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.





Additional information can be found using the following links:

- Birds of Conservation Concern <http://www.fws.gov/birds/management/managed-species/birds-of-conservation-concern.php>

- Measures for avoiding and minimizing impacts to birds <http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/conservation-measures.php>
- Nationwide conservation measures for birds <http://www.fws.gov/migratorybirds/pdf/management/nationwidestandardconservationmeasures.pdf>

Migratory Birds FAQ

Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

[Nationwide Conservation Measures](#) describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. [Additional measures](#) or [permits](#) may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the migratory birds potentially occurring in my specified location?

The Migratory Bird Resource List is comprised of USFWS [Birds of Conservation Concern \(BCC\)](#) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle ([Eagle Act](#) requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the [AKN Phenology Tool](#).

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the [Avian Knowledge Network \(AKN\)](#). This data is derived from a growing collection of [survey, banding, and citizen science datasets](#).

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go to the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering, migrating or present year-round in my project area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may refer to the following resources: [The Cornell Lab of Ornithology All About Birds Bird Guide](#), or (if you are unsuccessful in locating the bird of interest there), the [Cornell Lab of Ornithology Neotropical Birds guide](#). If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are [Birds of Conservation Concern](#) (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the [Eagle Act](#) requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the [Northeast Ocean Data Portal](#). The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the [NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf](#) project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the [Diving Bird Study](#) and the [nanotag studies](#) or contact [Caleb Spiegel](#) or [Pam Loring](#).

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to [obtain a permit](#) to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.



United States Department of the Interior



FISH AND WILDLIFE SERVICE
New Mexico Ecological Services Field Office
2105 Osuna Road Ne

Albuquerque, NM 87113-1001

Phone: (505) 346-2525 Fax: (505) 346-2542

<http://www.fws.gov/southwest/es/NewMexico/>

http://www.fws.gov/southwest/es/ES_Lists_Main2.html

In Reply Refer To:

December 07, 2017

Consultation Code: 02ENNM00-2018-SLI-0217

Event Code: 02ENNM00-2018-E-00477

Project Name: Albuquerque International Sunport 2017 SWPPP Update

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

Thank you for your recent request for information on federally listed species and important wildlife habitats that may occur in your project area. The U.S. Fish and Wildlife Service (Service) has responsibility for certain species of New Mexico wildlife under the Endangered Species Act (ESA) of 1973 as amended (16 USC 1531 et seq.), the Migratory Bird Treaty Act (MBTA) as amended (16 USC 701-715), and the Bald and Golden Eagle Protection Act (BGEPA) as amended (16 USC 668-668c). We are providing the following guidance to assist you in determining which federally imperiled species may or may not occur within your project area and to recommend some conservation measures that can be included in your project design.

FEDERALLY-LISTED SPECIES AND DESIGNATED CRITICAL HABITAT

Attached is a list of endangered, threatened, and proposed species that may occur in your project area. Your project area may not necessarily include all or any of these species. Under the ESA, it is the responsibility of the Federal action agency or its designated representative to determine if a proposed action "may affect" endangered, threatened, or proposed species, or designated critical habitat, and if so, to consult with the Service further. Similarly, it is the responsibility of the Federal action agency or project proponent, not the Service, to make "no effect" determinations. If you determine that your proposed action will have "no effect" on threatened or endangered species or their respective critical habitat, you do not need to seek concurrence with the Service. Nevertheless, it is a violation of Federal law to harm or harass any federally-listed threatened or endangered fish or wildlife species without the appropriate permit.

If you determine that your proposed action may affect federally-listed species, consultation with the Service will be necessary. Through the consultation process, we will analyze information contained in a biological assessment that you provide. If your proposed action is associated with

Federal funding or permitting, consultation will occur with the Federal agency under section 7(a)(2) of the ESA. Otherwise, an incidental take permit pursuant to section 10(a)(1)(B) of the ESA (also known as a habitat conservation plan) is necessary to harm or harass federally listed threatened or endangered fish or wildlife species. In either case, there is no mechanism for authorizing incidental take "after-the-fact." For more information regarding formal consultation and HCPs, please see the Service's Consultation Handbook and Habitat Conservation Plans at www.fws.gov/endangered/esa-library/index.html#consultations.

The scope of federally listed species compliance not only includes direct effects, but also any interrelated or interdependent project activities (e.g., equipment staging areas, offsite borrow material areas, or utility relocations) and any indirect or cumulative effects that may occur in the action area. The action area includes all areas to be affected, not merely the immediate area involved in the action. Large projects may have effects outside the immediate area to species not listed here that should be addressed. If your action area has suitable habitat for any of the attached species, we recommend that species-specific surveys be conducted during the flowering season for plants and at the appropriate time for wildlife to evaluate any possible project-related impacts.

Candidate Species and Other Sensitive Species

A list of candidate and other sensitive species in your area is also attached. Candidate species and other sensitive species are species that have no legal protection under the ESA, although we recommend that candidate and other sensitive species be included in your surveys and considered for planning purposes. The Service monitors the status of these species. If significant declines occur, these species could potentially be listed. Therefore, actions that may contribute to their decline should be avoided.

Lists of sensitive species including State-listed endangered and threatened species are compiled by New Mexico state agencies. These lists, along with species information, can be found at the following websites:

Biota Information System of New Mexico (BISON-M): www.bison-m.org

New Mexico State Forestry. The New Mexico Endangered Plant Program:
www.emnrd.state.nm.us/SFD/ForestMgt/Endangered.html

New Mexico Rare Plant Technical Council, New Mexico Rare Plants: nmrareplants.unm.edu

Natural Heritage New Mexico, online species database: nhnm.unm.edu

WETLANDS AND FLOODPLAINS

Under Executive Orders 11988 and 11990, Federal agencies are required to minimize the destruction, loss, or degradation of wetlands and floodplains, and preserve and enhance their natural and beneficial values. These habitats should be conserved through avoidance, or mitigated to ensure that there would be no net loss of wetlands function and value.

We encourage you to use the National Wetland Inventory (NWI) maps in conjunction with ground-truthing to identify wetlands occurring in your project area. The Service's NWI program website, www.fws.gov/wetlands/Data/Mapper.html integrates digital map data with other resource information. We also recommend you contact the U.S. Army Corps of Engineers for permitting requirements under section 404 of the Clean Water Act if your proposed action could impact floodplains or wetlands.

MIGRATORY BIRDS

The MBTA prohibits the taking of migratory birds, nests, and eggs, except as permitted by the Service's Migratory Bird Office. To minimize the likelihood of adverse impacts to migratory birds, we recommend construction activities occur outside the general bird nesting season from March through August, or that areas proposed for construction during the nesting season be surveyed, and when occupied, avoided until the young have fledged.

We recommend review of Birds of Conservation Concern at website www.fws.gov/migratorybirds/CurrentBirdIssues/Management/BCC.html to fully evaluate the effects to the birds at your site. This list identifies birds that are potentially threatened by disturbance and construction.

BALD AND GOLDEN EAGLES

The bald eagle (*Haliaeetus leucocephalus*) was delisted under the ESA on August 9, 2007. Both the bald eagle and golden eagle (*Aquila chrysaetos*) are still protected under the MBTA and BGEPA. The BGEPA affords both eagles protection in addition to that provided by the MBTA, in particular, by making it unlawful to "disturb" eagles. Under the BGEPA, the Service may issue limited permits to incidentally "take" eagles (e.g., injury, interfering with normal breeding, feeding, or sheltering behavior nest abandonment). For information on bald and golden eagle management guidelines, we recommend you review information provided at www.fws.gov/midwest/eagle/guidelines/bgepa.html.

On our web site www.fws.gov/southwest/es/NewMexico/SBC_intro.cfm, we have included conservation measures that can minimize impacts to federally listed and other sensitive species. These include measures for communication towers, power line safety for raptors, road and highway improvements, spring developments and livestock watering facilities, wastewater facilities, and trenching operations.

We also suggest you contact the New Mexico Department of Game and Fish, and the New Mexico Energy, Minerals, and Natural Resources Department, Forestry Division for information regarding State fish, wildlife, and plants.

Thank you for your concern for endangered and threatened species and New Mexico's wildlife habitats. We appreciate your efforts to identify and avoid impacts to listed and sensitive species in your project area. For further consultation on your proposed activity, please call 505-346-2525 or email nmesfo@fws.gov and reference your Service Consultation Tracking Number.

Attachment(s):

- Official Species List

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

New Mexico Ecological Services Field Office

2105 Osuna Road Ne

Albuquerque, NM 87113-1001

(505) 346-2525

Project Summary

Consultation Code: 02ENNM00-2018-SLI-0217

Event Code: 02ENNM00-2018-E-00477

Project Name: Albuquerque International Sunport 2017 SWPPP Update

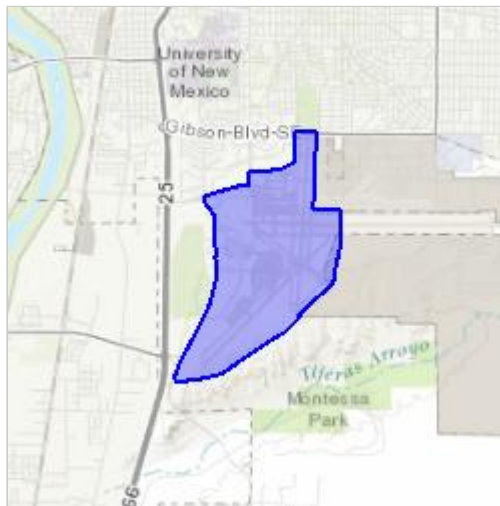
Project Type: ** OTHER **

Project Description: An update from 2015. Project location is the Albuquerque International Sunport. Need all information to complete update by the end of 2017.

Project Location:

Approximate location of the project can be viewed in Google Maps:

<https://www.google.com/maps/place/35.03877008724688N106.61687813587588W>



Counties: Bernalillo, NM

Endangered Species Act Species

There is a total of 5 threatened, endangered, or candidate species on this species list. Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species. See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

Mammals

NAME	STATUS
New Mexico Meadow Jumping Mouse <i>Zapus hudsonius luteus</i> There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/7965	Endangered

Birds

NAME	STATUS
Mexican Spotted Owl <i>Strix occidentalis lucida</i> There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/8196	Threatened
Southwestern Willow Flycatcher <i>Empidonax traillii extimus</i> There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/6749	Endangered
Yellow-billed Cuckoo <i>Coccyzus americanus</i> Population: Western U.S. DPS There is proposed critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/3911	Threatened

Fishes

NAME	STATUS
Rio Grande Silvery Minnow <i>Hybognathus amarus</i> Population: Wherever found, except where listed as an experimental population There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/1391	Endangered

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.



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http://www.fws.gov/southwest/es/ES_Lists_Main2.html

In Reply Refer To:

December 07, 2017

Consultation Code: 02ENNM00-2018-SLI-0220

Event Code: 02ENNM00-2018-E-00483

Project Name: 2017 SWPPP Update Double Eagle II Airport

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

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Thank you for your recent request for information on federally listed species and important wildlife habitats that may occur in your project area. The U.S. Fish and Wildlife Service (Service) has responsibility for certain species of New Mexico wildlife under the Endangered Species Act (ESA) of 1973 as amended (16 USC 1531 et seq.), the Migratory Bird Treaty Act (MBTA) as amended (16 USC 701-715), and the Bald and Golden Eagle Protection Act (BGEPA) as amended (16 USC 668-668c). We are providing the following guidance to assist you in determining which federally imperiled species may or may not occur within your project area and to recommend some conservation measures that can be included in your project design.

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Project Summary

Consultation Code: 02ENNM00-2018-SLI-0220

Event Code: 02ENNM00-2018-E-00483

Project Name: 2017 SWPPP Update Double Eagle II Airport

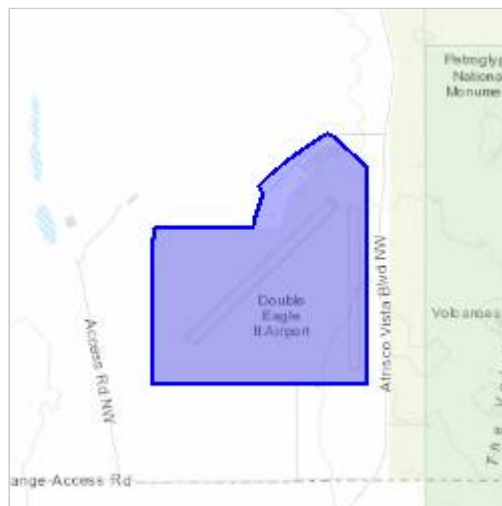
Project Type: ** OTHER **

Project Description: 2017 SWPPP update for the Double Eagle II Airport. To be completed by the end of 2017

Project Location:

Approximate location of the project can be viewed in Google Maps:

<https://www.google.com/maps/place/35.147366358253876N106.80102594546634W>



Counties: Bernalillo, NM

Endangered Species Act Species

There is a total of 5 threatened, endangered, or candidate species on this species list. Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species. See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

Mammals

NAME	STATUS
New Mexico Meadow Jumping Mouse <i>Zapus hudsonius luteus</i> There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/7965	Endangered

Birds

NAME	STATUS
Mexican Spotted Owl <i>Strix occidentalis lucida</i> There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/8196	Threatened
Southwestern Willow Flycatcher <i>Empidonax traillii extimus</i> There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/6749	Endangered
Yellow-billed Cuckoo <i>Coccyzus americanus</i> Population: Western U.S. DPS There is proposed critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/3911	Threatened

Fishes

NAME	STATUS
Rio Grande Silvery Minnow <i>Hybognathus amarus</i> Population: Wherever found, except where listed as an experimental population There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/1391	Endangered

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

APPENDIX J
HISTORIC PROPERTIES PRESERVATION SCREENING MEMORANDUM

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Memorandum

To: Christopher Albrecht, Environmental Manager

From: Kelsey Bicknell

Date: April 30, 2021

Subject: Double Eagle II Airport Stormwater Pollution Prevention Plan Eligibility Screening for the National Historic Preservation Act

On behalf of the City of Albuquerque Aviation Department, CDM herein presents the results of a determination of eligibility for the Double Eagle II Airport (DEII), regarding the National Historic Preservation Act (NHPA), for coverage under the Multi-Sector General Permit for Stormwater Discharges Associated with Industrial Activity (MSGP) 2021. The result of the determination described herein is that DEII is eligible for coverage under the MSGP with regards to NHPA. Attachment F of the MSGP provides a guideline for determining eligibility upon meeting one of four criteria. This memorandum documents the criteria met to determine that this Federal undertaking has no potential to have an effect on historic properties.

Step One: Are you an existing facility that is reapplying for certification under the 2021 MSGP?

During a determination of eligibility in 2004, it was determined that no facilities or places registered with the NHPA were located in within the path of the facilities' stormwater discharges. The Aviation Department therefore meets eligibility Criterion A for coverage under the MSGP.

As an existing facility the NHPA was previously addressed. As required under the 2015 MSGP, DEII was certified to not impact historic properties. The Aviation Department has no plans of constructing or installing any new stormwater control measures, therefore the eligibility Criterion A of the MSGP has been met.

Having met Criterion A, no further steps are required under Attachment F of the MSGP.

APPENDIX K
COPY OF THE NOI AND ACKNOWLEDGEMENT LETTER

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APPENDIX L

INSPECTION FORMS

Tenant Quarterly Routine Facility Inspection Form

Aviation Led Inspection Forms

Quarterly Stormwater Monitoring Inspection Form

PAH Monitoring Form

Dry Weather Inspection Form

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TENANT QUARTERLY ROUTINE FACILITY INSPECTION FORM

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**CITY OF ALBUQUERQUE AVIATION DEPARTMENT
QUARTERLY SWPPP INSPECTION FORM**

FACILITY INFORMATION			
FACILITY NAME:		AIRPORT: ☐ ABQ ☐ DEII	
FACILITY INSPECTOR:		EMAIL:	PHONE:
FACILITY INSPECTOR:		EMAIL:	PHONE:
SITE VISIT DATE:		SITE VISIT TIME:	
QUARTER: ☐ Jan-Mar ☐ Apr-Jun ☐ Jul-Sept ☐ Oct-Dec		WEATHER CONDITIONS:	
DOCUMENTATION (BMPs 1, 3, 5, 6, 7)		BMP	Comments
Facility Inspections and Maintenance Documentation			
Comply w/ record keeping & reporting req'ts of MSGP	1.24	☐ YES ☐ NO	
Retain waste generation and disposal documentation	5.21	☐ YES ☐ NO	
Responded to previous year's Compliance Letter		☐ YES ☐ NO	
Activities inspected for non-stormwater discharges	1.16	☐ YES ☐ NO ☐ DOC	
Training			
Annual employee training conducted (1.19)	1.19	☐ YES ☐ NO ☐ DOC	
Representative(s) attended annual CABQ stormwater training (1.21)	1.21	☐ YES ☐ NO ☐ DOC	
Stormwater training for employees (1.20)	1.20	☐ YES ☐ NO ☐ DOC	
Contractor SWPPP Education (1.21)	1.21	☐ YES ☐ NO ☐ DOC	
Waste management training (5.19)	5.19	☐ YES ☐ NO ☐ DOC	
Fuel spill response training (6.06)	6.06	☐ YES ☐ NO ☐ DOC	
Other Documentation			
If you have an SPCC plan, is the plan up to date?		☐ YES ☐ NO	
GENERAL (BMP 1)			Comments
Exposed areas clean and orderly	1.01 1.02	☐ YES ☐ NO	
Oil, grease, solvents, batteries, etc. recycled	1.03	☐ YES ☐ NO	
Biodegradable or less hazardous products used where possible	1.04	☐ YES ☐ NO	
Material inventory limited	1.05	☐ YES ☐ NO	
Signs posted near outdoor hose bibs listing use restrictions	1.23	☐ YES ☐ NO	
If not, is the building with the hose bib City-owned?		☐ YES ☐ NO	
COVER AND SECONDARY CONTAINMENT (BMPs 1, 2, 4, 5)			Comments
Industrial and Maintenance Activities			
Maintenance performed indoors or under storm resistant cover	1.06 2.05	☐ YES ☐ NO	
Parts cleaning & degreasing performed indoors or under cover	2.01	☐ YES ☐ NO	
Exposure to run-on & run-off minimized	1.14	☐ YES ☐ NO	
Performed away from storm drains or drains covered	2.06	☐ YES ☐ NO	
Designated areas for temp. tanker/materials truck parking	4.02	☐ YES ☐ NO	
Loading/unloading under cover and in contained area	5.12	☐ YES ☐ NO	

**CITY OF ALBUQUERQUE AVIATION DEPARTMENT
QUARTERLY SWPPP INSPECTION FORM**

COVER AND SECONDARY CONTAINMENT (BMPs 1, 2, 4, 5)			Comments
Waste and Material Storage Areas			
Haz materials indoors and away from exit doors or under storm-resistant cover	1.07, 5.01 5.13	☐ YES ☐ NO	
Secondary containment provided and adequately sized	5.01	☐ YES ☐ NO	
Stored and handled in paved areas	5.01	☐ YES ☐ NO	
Clearly labeled and stored containers	5.04	☐ YES ☐ NO	
Exposure to run-on & run-off minimized	5.20	☐ YES ☐ NO	
Liquids dispensed from upright drums w/ hand pump	5.02, 5.14	☐ YES ☐ NO	
MSDS available	5.21	☐ YES ☐ NO	
SPILLS (BMPs 1, 5)			Comments
Spill Response Plan posted and revised annually	1.10	☐ YES ☐ NO	
Spill kits located where spills are probable to occur	1.11	☐ YES ☐ NO	
Spill kits stocked with appropriate materials	1.11	☐ YES ☐ NO	
Spill(s) or staining observed	1.12	☐ YES ☐ NO	
Drip pans/spill mats/booms used	1.13	☐ YES ☐ NO	
Collected spill materials properly disposed	1.14	☐ YES ☐ NO	
Material storage area signs posted listing materials stored	5.03	☐ YES ☐ NO	
LAVATORY (BMP 5) ☐ YES ☐ NO ☐ SUB:			Comments
Only use fluids approved for discharge to the sewer	5.10	☐ YES ☐ NO	
Waste spill and/or leak observed	5.09	☐ YES ☐ NO	
Proper disposal of lavatory waste	5.11	☐ YES ☐ NO	
Perform water truck flushing ops in designated area and discharge to sanitary sewer	5.12	☐ YES ☐ NO	
SOLID WASTE (BMP 5) ☐ YES ☐ NO ☐ SUB:			Comments
Used batteries properly stored or recycled in 30 days	5.05	☐ YES ☐ NO	
Used oil containers and filters properly recycled	5.06	☐ YES ☐ NO	
Bone yards eliminated	5.07	☐ YES ☐ NO	
Waste and unusable material disposed of properly	5.08	☐ YES ☐ NO	
Garbage collection area properly maintained	5.09	☐ YES ☐ NO	
Dumpster drains equipped with plugs	5.09	☐ YES ☐ NO	
Dumpster lids closed	5.09	☐ YES ☐ NO	
FUEL STORAGE AND DELIVERY (BMP 6) ☐ YES ☐ NO ☐ SUB:			Comments
Vehicle fueling station fitted with "no topping off" signs	6.01	☐ YES ☐ NO	
Fueling tanks fitted with monitoring and alarm equipment	6.02	☐ YES ☐ NO	
Fueling tanks fitted with breakaway hose connections	6.02	☐ YES ☐ NO	
Accidental releases blocked from reaching storm drains	6.03	☐ YES ☐ NO	
Equipment fueled in designated areas	6.03	☐ YES ☐ NO	
Spill kits maintained on mobile refuelers	6.03	☐ YES ☐ NO	
Aircraft fuel samples properly collected and properly disposed	6.04	☐ YES ☐ NO	

**CITY OF ALBUQUERQUE AVIATION DEPARTMENT
QUARTERLY SWPPP INSPECTION FORM**

BUILDING & GROUNDS MAINTENANCE (BMP 7)				Comments
Building Maintenance ☐ YES ☐ NO ☐ SUB:				
Grounds maintenance waste disposed of properly	7.01	☐ YES ☐ NO		
Interior floor cleaning water properly disposed	7.03	☐ YES ☐ NO		
Fire fighting foam deluge system tested and maintained, if applicable	7.02	☐ YES ☐ NO		
Landscape Maintenance ☐ YES ☐ NO ☐ SUB:				
Landscaping waste properly disposed	7.01	☐ YES ☐ NO		
Exterior ground surfaces cleaned properly	7.03	☐ YES ☐ NO		
Grounds/landscaping design considerations	7.04	☐ YES ☐ NO		
Storm drains labeled	7.10	☐ YES ☐ NO		
Use of pesticide, herbicide and fertilizer minimized	7.11	☐ YES ☐ NO		
Landscaping provided for erosion control	7.14	☐ YES ☐ NO		
DEICING (BMP 8) ☐ YES ☐ NO ☐ SUB:				Comments
Does tenant perform aircraft deicing?	8.0	☐ YES ☐ NO		
Is Airfield Maintenance contact after each deicing event?	8.01	☐ YES ☐ NO		
Deicing done in properly designed & designated areas	8.02, 8.05	☐ YES ☐ NO		
FAA deicing recommendations followed	8.04	☐ YES ☐ NO		
Proper quantities of deicing fluid used	8.06	☐ YES ☐ NO		
Monthly quantities of deicing fluids tracked and reported	8.05	☐ YES ☐ NO		
<i>Note: Remind tenant to inform CABQ of monthly deicing fluid usage. Have them send this information to Chris Albrecht of CABQ and Dacia Tucholke of CDM Smith.</i>				
CONSTRUCTION / RENOVATION (BMPs 1, 7) ☐ YES ☐ NO ☐ SUB:				Comments
As-built drawings maintained (1.08)	1.20	☐ YES ☐ NO		
Designed for pollution prevention (1.09)	1.21	☐ YES ☐ NO		
Construction plans reviewed for illicit connections (1.18)	1.21	☐ YES ☐ NO		
Stormwater controls used during construction (7.0)	1.22	☐ YES ☐ NO		
STRUCTURAL (BMPs 3, 4, 7)				Comments
Stormwater control devices maintained (e.g., hay bales, basins)	6.05	☐ YES ☐ NO		
Catch basins clean and maintained	7.06	☐ YES ☐ NO		
Storage and wash areas maintained	3.02, 4.01	☐ YES ☐ NO		
Erosion control landscaped areas are maintained	7.14	☐ YES ☐ NO		
AIRCRAFT, VEHICLE, AND EQUIPMENT CLEANING (BMP 3)				
Wash the following? (3.01)	Dry-Wash	WET-WASH		Other / Comment
		Inside	Outside in Permitted Area	
Aircraft ☐ YES ☐ NO ☐ SUB:				
Vehicles ☐ YES ☐ NO ☐ SUB:				
Equipment ☐ YES ☐ NO ☐ SUB				
AIRCRAFT, VEHICLE, AND EQUIPMENT STORAGE (BMP 4)				
Store the following? (4.01)	Inside	OUTSIDE		Other / Comment
		Under Cover	Away from Drains	Sized 2nd Containment
Aircraft ☐ YES ☐ NO ☐ SUB				
Vehicles ☐ YES ☐ NO ☐ SUB				
Equipment ☐ YES ☐ NO ☐ SUB				
INSPECTOR SIGNATURE				
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designated 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:				
Signature:				

AVIATION LED SWPPP INSPECTION FORM

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City of Albuquerque Aviation Department
SWPPP Inspection Form
Aviation Operations

FACILITY INFORMATION						
TENANT NAME:				AIRPORT:	☐ ABQ ☐ DEII	
ADDRESS:				PHONE:		
CITY:	STATE:	ZIP:	EMAIL:			
TENANT REPRESENTATIVE NAME(S) AND TITLE(S):						
INSPECTOR(S) INFORMATION						
INSPECTOR:			SITE VISIT DATE:		SITE VISIT TIME:	
INSPECTOR:						
FACILITY ACTIVITIES				STORED ONSITE CHEMICALS		
Activity	Yes	No	Subcontract to:	Material	Quantity	Container
Maintenance						
Aircraft Maintenance						
Vehicle Maintenance						
Equipment Maintenance						
Painting						
Aircraft Painting/Stripping						
Vehicle Painting/Stripping						
Other Painting/Stripping						
Cleaning						
Aircraft Washing						
Vehicle Washing						
Equipment Degreasing/Washing						
Storage						
Aircraft Storage						
Vehicle Storage						
Equipment Storage						
Oil & Haz Chemical Storage						
Handling & Disposal of Waste & Materials						
Haz-Mat/Waste Generation						
Solid Waste Generation						
Lavatory Services						
Fuel Storage and Delivery						
Aircraft Fueling						
Vehicle Fueling						
Equipment Fueling						
Fuel Storage						
Tanks (UST/AST)						
Building and Grounds Maintenance						
Floor Wash Down						
Landscape Maintenance						
Pest / Weed Control						
Sidewalk/Pavement Anti-icing						
Other						
Deicing Services						
Oil/Water Separator(s)						
Facility Activities Items/Notes						☐ N/A
Activity	Comment					

City of Albuquerque Aviation Department
SWPPP Inspection Form
Aviation Operations

DOCUMENTATION (BMPs 1, 3, 5, 6, 7)				Comments
Facility Inspections and Maintenance Documentation	Yes	No	Doc	
Maintains current copy of SWPPP & BMPs				
Has submitted NOI and has NPDES Tracking No.				
Retain waste generation and disposal documentation for past three years (5.21) ☐ ____ ☐ ____ ☐ ____ ☐ ____				
Response received to previous year's Compliance Letter (999)				
Quarterly Inspections Performed (1.15, 2.07, 3.03, 5.16, 5.17, 5.18, 6.05, 7.12, 7.13, 8.03) ☐ ____ ☐ ____ ☐ ____ ☐ ____				
Training	Yes	No	Doc	
Representative(s) attended annual CABQ stormwater training (1.21)				
Stormwater training for all applicable employees (1.20) ☐ ____ ☐ ____ ☐ ____ ☐ ____				
Contractor SWPPP Education (1.21)				
Waste management training (5.19)				
Fuel spill response training (6.06)				
Other Documentation	Yes	No	Doc	
Do you have cumulative 1,320 aboveground fuel/oil storage? (1.09) Date of Plan?				
Is the SPCC Plan physically available?				
Does Aviation have a copy of this SPCC plan?				
REQUIRED ACTION(S): ☐ NONE				
GENERAL (BMP 1)	Yes	No		
Exposed areas clean and orderly	1.01			
	1.02			
Oil, grease, solvents, batteries, etc. recycled	1.03			
Biodegradable or less hazardous products used where possible? (i.e. citrus based products)	1.04			
Material inventory limited	1.05			
Signs posted near outdoor hose bibs listing use restrictions	1.23			
If not, is the building with the hose bib City-owned?				
REQUIRED ACTION(S): ☐ NONE				
SPILL PREVENTION (BMP 1)	Yes	No		
Spill Response Plan posted & current	1.09			
Spill kits located where spills are probable to occur	1.10			
Spill kits stocked with appropriate materials	1.10			
Spill(s) or staining observed	1.11			
Drip pans/ spill mats/ booms used	1.12			
Collected spill materials properly disposed	1.13			
REQUIRED ACTION(S): ☐ NONE				

City of Albuquerque Aviation Department
SWPPP Inspection Form
Aviation Operations

INDUSTRIAL AND MAINTENANCE ACTIVITIES (BMPs 1, 2, 5)		Yes	No	Comments			
Performed indoors or under storm resistant cover when practical	1.06 2.05						
Performed away from storm drains or drains covered	2.06						
Parts cleaning & degreasing performed indoors or under cover	2.01						
Designated areas for temporary tanker/materials truck parking	4.02						
Exposure to run-on & run-off minimized	1.14						
Used batteries properly stored or recycled in 30 days	5.05						
Used oil containers and filters properly recycled	5.06						
REQUIRED ACTION(S):							
☐ NONE							
HAZARDOUS WASTE AND MATERIAL STORAGE AREAS (BMPs 1, 2, 4, 5)		Yes	No				
Mat'ls stored indoors and away from exit doors or under storm-resistant cover when practical	1.06, 5.01 5.13						
Outdoor materials stored and handled in paved areas	5.01						
Contained by berms, secondary containment, etc.	5.01, 5.15						
Secondary containment adequately sized	5.01						
Containers clearly labeled and appropriate	5.04						
Liquids dispensed from upright drums w/ hand pumps	5.02, 5.14						
Signage posted indicating materials being stored	5.03						
MSDS available	5.21						
Bone yards eliminated	5.07						
REQUIRED ACTION(S):							
☐ NONE							
AIRCRAFT, VEHICLE, AND EQUIPMENT CLEANING (BMP 3)							
Wash the following? (3.01)	Yes	No	Dry-Wash	WET-WASH			Other / Comment
				Inside	Outside		
					Permit ted Area	Non- Permitted Area	
Aircraft							
Vehicles							
Equipment							
Washing areas maintained							
AIRCRAFT, VEHICLE, AND EQUIPMENT STORAGE (BMP 4)							
Store the following? (4.01)	Yes	No	Inside	OUTSIDE		Other / Comment	
				Under Cover	Away from Drains		
Aircraft							
Vehicles							
Equipment							
Storage areas maintained							
SOLID WASTE (BMP 5)		Yes	No				
Waste and unusable material disposed of properly	5.08						
Garbage collection area properly maintained	5.09						
Dumpster drains equipped with plugs	5.09						
Dumpster lids closed	5.09						
REQUIRED ACTION(S):							
☐ NONE							

City of Albuquerque Aviation Department
SWPPP Inspection Form
Aviation Operations

FUEL STORAGE AND DELIVERY (BMP 6)		Yes	No	Comments
Vehicle fueling station fitted with "no topping off" signs	6.01			
Fueling tanks fitted with monitoring and alarm equip	6.02			
Fueling tanks fitted with breakaway hose connections	6.02			
Accidental releases blocked from reaching storm drains	6.03			
Equipment fueled in designated areas	6.03			
Spill kits maintained on mobile refuelers	6.03			
General containment provided for mobile refuelers	6.03			
REQUIRED ACTION(S):				
☐ NONE				
BUILDING & GROUNDS MAINTENANCE (BMP 7)		Yes	No	
Building Maintenance				
Building maintenance waste disposed of properly	7.01			
Interior floor cleaning water properly disposed	7.03			
Indoor oil/water separator maintained	7.09			
Does this facility have a fire foam system?	7.02, 7.07			
If yes, is it AFFF?	7.02, 7.07			
If yes, PFAS or PFOS?	7.02, 7.07			
Is it regularly inspected?	7.13			
Records of inspection?	7.13			
Grounds Maintenance		Yes	No	
Landscaping waste properly disposed	7.01			
Exterior ground surfaces cleaned properly	7.03			
Use of pesticide, herbicide and fertilizer minimized	7.11			
Landscaping provided for erosion control	7.14			
Outdoor oil/water separator maintained	7.09			
Storm Drains		Yes	No	
Storm drains clean and free of debris	7.10			
Storm drains labeled "no dumping, drains to river"	7.10			
Stormwater control devices maintained (e.g., hay bales, basins)	7.05			
Catch basins clean and maintained	7.05			
REQUIRED ACTION(S):				
☐ NONE				
INSPECTION SUMMARY				
Major Non-Compliances		☐ YES ☐ NO		
BMP(s)	Comments			
Minor Non-Compliances		☐ YES ☐ NO		
BMP(s)	Comments			
Recommendations		☐ YES ☐ NO		
BMP(s)	Comments			
Outstanding Performance		☐ YES ☐ NO		
BMP(s)	Comments			
INSPECTOR SIGNATURE		Time Complete		
Name: _____ Signature: _____				
Tenant Representative				
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designated 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: _____				
Signature: _____				

QUARTERLY STORMWATER MONITORING FORM

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Albuquerque International Sunport (ABQ)
Double Eagle II Airport (DEII)



Quarterly Visual Monitoring of
Stormwater Outfall Discharges

Year: _____ ☐Q1 ☐Q2 ☐Q3 ☐Q4

Date: _____

Airport: ☐ABQ ☐DEII

Time: _____

Weather: _____

Inspector: _____

Storm Precip: _____

Outfall ID: _____

Last 72 hour Precip: _____

Flow Observed: ☐Yes ☐No

Photo: _____

Description of
Monitoring Site: _____

Flow Estimate: ☐Low ☐Moderate ☐High

Observations:

Color (describe): _____

Turbidity: ☐Clear ☐Slightly Cloudy ☐Very Cloudy ☐Opaque

Floating Solids: ☐Yes ☐No Describe: _____

Suspended Solids: ☐Yes ☐No Describe: _____

Settled Solids: ☐Yes ☐No Describe: _____

Sheen Present: ☐Yes ☐No Describe: _____

Odor: ☐Yes ☐No Describe: _____

Foam Present: ☐Yes ☐No Describe: _____

Outfall Condition

☐In good condition ☐Needs Maintenance Describe: _____
☐Damaged ☐Debris _____
☐Excessive Vegetation ☐Garbage _____

Additional Comments: _____



PAH INDICATOR MONITORING FORM

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Albuquerque International Sunport (ABQ)
Double Eagle II Airport (DEII)



**Indicator Monitoring
for PAHs at Stormwater Outfalls**

Year: _____

☐Q1 ☐Q2 ☐Q3 ☐Q4

Date: _____

Airport: ☐ABQ ☐DEII

Inspector: _____

Weather: _____

Storm Precip: _____

Last 72 hour Precip: _____

Outfall ID	Sample Collected		Sample Time	Reason no sample was collected
_____	☐ Yes	☐ No	_____	_____
_____	☐ Yes	☐ No	_____	_____
_____	☐ Yes	☐ No	_____	_____
_____	☐ Yes	☐ No	_____	_____
_____	☐ Yes	☐ No	_____	_____
_____	☐ Yes	☐ No	_____	_____
_____	☐ Yes	☐ No	_____	_____
_____	☐ Yes	☐ No	_____	_____
_____	☐ Yes	☐ No	_____	_____
_____	☐ Yes	☐ No	_____	_____
_____	☐ Yes	☐ No	_____	_____
_____	☐ Yes	☐ No	_____	_____
_____	☐ Yes	☐ No	_____	_____
_____	☐ Yes	☐ No	_____	_____

Lab Drop-off: ☐Yes ☐N/A Time: _____

Notes: _____

DRY WEATHER INSPECTION FORM

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Albuquerque International Sunport (ABQ)
Double Eagle II Airport (DEII)



Dry Weather Inspection of
Stormwater Outfalls

Year: _____

Date: _____

Airport: ☐ ABQ ☐ DEII

Inspector: _____

Weather: _____

Outfall ID: _____

Description of Outfall Condition: _____

Time: _____

Flow Observed: ☐ Yes ☐ No

Additional Comments: _____

Outfall ID: _____

Description of Outfall Condition: _____

Time: _____

Flow Observed: ☐ Yes ☐ No

Additional Comments: _____

Outfall ID: _____

Description of Outfall Condition: _____

Time: _____

Flow Observed: ☐ Yes ☐ No

Additional Comments: _____

Outfall ID: _____

Description of Outfall Condition: _____

Time: _____

Flow Observed: ☐ Yes ☐ No

Additional Comments: _____

Outfall ID: _____

Description of Outfall Condition: _____

Time: _____

Flow Observed: ☐ Yes ☐ No

Additional Comments: _____

Outfall ID: _____

Description of Outfall Condition: _____

Time: _____

Flow Observed: ☐ Yes ☐ No

Additional Comments: _____

APPENDIX M

CORRECTIVE ACTION FORM AND REPORTING

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Corrective Action Form
City of Albuquerque Aviation Department

FACILITY NAME:	AIRPORT: ☐ Sunport ☐ DEII	
NAME:	EMAIL:	
TITLE:	PHONE:	
ORGANIZATION:	DATE:	TIME:

SECTION 1: IMMEDIATE ACTION (WITHIN 24 HOURS)

Conditions that may require Corrective Action include those that have an immediate threat to stormwater quality. Corrective Action may be required based on an inspection, monitoring event, or other site observation, and includes Immediate Actions (within 24 hours) and Subsequent Actions (within 14 days). This Corrective Action Form corresponds to the information required in Section 4.4 of the SWPPP (Schedules and Procedures Pertaining to Corrective Action).

Document the following:

Material Released: _____

Quantity (gallons): _____

Was the release greater than 5 gallons? ☐ Yes ☐ No

If yes, was Sunport Comm Center notified? ☐ Yes ☐ No

Was Aviation Environmental notified? ☐ Yes ☐ No

Location: _____

Time/Date of event: _____

Who was notified: _____

Were the pollutants contained to prevent discharge to storm drain or outfall? ☐ Yes ☐ No

Briefly explain: _____

Were the pollutants removed from contaminated surfaces? ☐ Yes ☐ No

If no, explain why: _____

Cleaning Method: _____

Date/Time of Clean-up: _____

Persons involved: _____

*If immediate actions did not fully remedy the problem, continue to the Subsequent Action form on page 2. If response is complete, please have a signatory authority sign on page 3. **Retain this record in your SWPPP for 3 years.** Provide a copy of this form to Environmental Program Manager, Chris Albrecht (CAlbrecht@cabq.gov) and Environmental Program Specialist, Rachel Harding (RHarding@cabq.gov)*

Corrective Action Form
City of Albuquerque Aviation Department

SECTION 2: SUBSEQUENT ACTION (WITHIN 14 DAYS)

To be used if spills or leaks are reoccurring. For example, frequent overflows from secondary containment, frequent leaks during transfer of materials, untrained personnel, etc.

Is a control measure required to be modified or installed to prevent continued or reoccurring discharge?

☐ Yes

☐ No

Describe the control measure that will be used to prevent continued or reoccurring discharges:

Timeline to implement control measure:

☐ Less than 14 days

☐ Less than 45 days

If more than 14 days are needed, describe why and provide an estimated number of days to completion:

If more than 45 days are needed, documentation ***MUST be submitted to the EPA Region VI office*** . Please state your intention to exceed 45 days, explain why you need more than 45 days to complete the corrective action, and provide an estimated date of completion. Provide a copy of both Section 1 and Section 2 of this form to Nasim Jahan (jahan.nasim@epa.gov)

SECTION 3: COMPLETION OF SUBSEQUENT ACTIONS

Was subsequent corrective action implemented as described in Section 2?

☐ Yes

☐ No

If not, describe why: _____

Was the subsequent corrective action successful?

☐ Yes

☐ No

If not, describe next steps: _____

Date of Completion: _____

Corrective Action Form
City of Albuquerque Aviation Department

Signature

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designated 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.

Signatory Name:

Signature:

Date:

APPENDIX N

ANNUAL REPORTS

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2020 ANNUAL REPORT

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Permit Information

Report Year: 2020

NPDES ID: NMR053025

Facility Information

Facility Name: DOUBLE EAGLE II AIRPORT

Facility Point of Contact

First Name Middle Initial Last Name: Chris . Albrecht

Phone: 505-244-7836 **Ext.:**

Email: calbrecht@cabq.gov

Facility Mailing Address

Address Line 1: 7401 ATRISCO VISTA NW

Address Line 2: P.O. BOX 9948

City: ALBUQUERQUE

ZIP/Postal Code: 87120

State: NM

County or Similar Division: Bernalillo

General Findings

Provide a summary of your past year's routine facility inspection documentation (see Part 3.1.2 of the permit). In addition, if you are an operator of an airport facility (Sector S) that is subject to the airport effluent limitations guidelines, and are complying with the MSGP Part 8.S.8.1 effluent limitation through the use of non-urea-containing deicers, provide a statement certifying that you do not use pavement deicers containing urea (e.g., "Urea was not used at [name of airport] for pavement deicing in the past year and will also not be used in 2015." (Note: Operators of airport facilities that are complying with Part 8.S.8.1 by meeting the numeric effluent limitation for ammonia do not need to include this statement.)

Pursuant to 8.S.3.2 "MSGP Implementation Responsibilities for Airport Authority and Tenants, the airport authority (City of Albuquerque Aviation Department), in collaboration with its tenants/operators, may choose to implement certain MSGP requirements on behalf of its tenants in order to increase efficiency and eliminate redundancy or duplication of effort". The City of Albuquerque Aviation Department (Aviation) developed a single comprehensive storm water pollution prevention plan (SWPPP) for the Double Eagle II Airport (DEII) and its tenants/operators in September 2015 (updated in May 2018). This SWPPP identifies the activities that Aviation will conduct on behalf of the tenant/operators which includes performing and providing documentation for two (2) of the quarterly facility inspections, providing the review and documentation required for effluent limitations as applicable, performing and documenting quarterly visual assessments, reviewing and providing the necessary documentation for benchmark monitoring occurrences and pollution reduction as applicable, preparing corrective actions reports, and preparing and submitting annual reports. As was confirmed on July 9, 2015 with an EPA representative, Aviation is submitting one annual report for DEII, which will encompass all tenants/operators at DEII with an NPDES MSGP2015 tracking ID. This annual report includes the following operators and MSGP tracking numbers: City of Albuquerque Aviation Department - Double Eagle II Airport; tracking number NMR053025, Albuquerque Police Department - Air Support Unit; tracking number NMR053041, Bernalillo County Sheriff Department - Air Support; tracking number NMR053253, Bode Aviation Inc.; tracking number NMR053056, New Mexico State Police; tracking number NOT PRESENT

A total of four facility inspections (1 per quarter) were performed in 2020 for each operator at DEII. Three were performed by the operator (Q1, 2, and 3) and one was performed by Aviation (Q4). These inspections identified issues at the facilities which could potentially impact storm water quality. These issues were marked as deficiencies according to the DEII SWPPP (May 2018). The inspections identified in this section do not include deficiencies requiring corrective action within 24 hours of the finding (see response to D.4). Based on the results of airport inspections the following deficiencies were noted : two tenants did not have an updated spill response plan posted. The total number of deficiencies identified during the 2020 inspections was two, which is up from the single deficiency noted in the 2018 inspection, and equal to the two identified during the 2017 airport inspections. Additionally, deficiencies are down from the total of 5 that occurred in 2016, which shows a continued low number of deficiencies observed each year, a sign that operators continue to maintain awareness of storm water and how to prevent storm water pollution.

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. DEII does not use Type I de-icing fluid, Type IV anti-icing fluid, or urea for pavement deicing; therefore, DEII does not meet this minimum threshold for requiring controls for effluent limits.

Provide a summary of your past year's quarterly visual assessment documentation (see Part 3.2.2 of the permit).

Due to the arid nature of the climate in Albuquerque, New Mexico, measurable precipitation events are not common and are infrequent. This makes it difficult to achieve visual assessments for every quarter. According to MSGP Section 3.2.2, the distribution of samples can occur more frequently when precipitation does occur. DEII has four outfalls at which visual monitoring is performed by the DEII City of Albuquerque Aviation Department. Aviation was able to perform four monitoring events in 2020 on January 16, June 1, July 23, and December 2. Consistent with previous monitoring events from past years, the outfalls were observed to be covered with tumbleweeds and generated no flow during precipitation events. No impacts to storm water quality were observed.

For any four-sample (minimum) average benchmark monitoring exceedance, if after reviewing the selection, design, installation, and implementation of your control measures and considering whether any modifications are necessary to meet the effluent limits in the permit, you determine that no further pollutant reductions are technologically available and economically practicable and achievable in light of best industry practice, provide your rationale for why you believe no further reductions are achievable (see Part 6.2.1.2 of the permit). Enter "NA" if not applicable.

Not Applicable.

Provide a summary of your past year's corrective action documentation (See Part 4.4 of the permit). (Note: If corrective action is not yet completed at the time of submission of this annual report, you must describe the status of any outstanding corrective action(s).) Also describe any incidents of noncompliance in the past year or currently ongoing, or if none, provide a statement that you are in compliance with the permit.

Inspections over the past year found two deficiencies as noted in the response to D.1. However, none of these deficiencies were immediate threats to stormwater quality requiring corrective action within 24 hours of the finding.

Attached files:

Name	Uploaded Date	Size
 DEII Annual SWPPP Report_FINAL (01-14-2021).pdf (arptAttachment/694870)	01/15/2021	10.11 MB

Certification Information

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 submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I have no personal knowledge that the information submitted is other than 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.

Certified By: Christopher P. Albrecht

Certifier Title:

Certifier Email: calbrecht@cabq.gov

Certified On: 01/15/2021 10:24 AM ET

2019 ANNUAL REPORT

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Permit Information

Report Year: 2019

NPDES ID: NMR053025

Facility Information

Facility Name: DOUBLE EAGLE II AIRPORT

Facility Point of Contact

First Name Middle Initial Last Name: Chris P Albrecht

Phone: 505-244-7836 Ext.: _____

Email: calbrecht@cabq.gov

Facility Mailing Address

Address Line 1: 7401 ATRISCO VISTA NW

Address Line 2: P.O. BOX 9948

City: ALBUQUERQUE

ZIP/Postal Code: 87120

State: NM

County or Similar Division: BERNALILLO

General Findings

Provide a summary of your past year's routine facility inspection documentation (see Part 3.1.2 of the permit). In addition, if you are an operator of an airport facility (Sector S) that is subject to the airport effluent limitations guidelines, and are complying with the MSGP Part 8.S.8.1 effluent limitation through the use of non-urea-containing deicers, provide a statement certifying that you do not use pavement deicers containing urea (e.g., "Urea was not used at [name of airport] for pavement deicing in the past year and will also not be used in 2015." (Note: Operators of airport facilities that are complying with Part 8.S.8.1 by meeting the numeric effluent limitation for ammonia do not need to include this statement.)

Pursuant to 8.S.3.2 "MSGP Implementation Responsibilities for Airport Authority and Tenants, the airport authority (City of Albuquerque Aviation Department), in collaboration with its tenants/operators, may choose to implement certain MSGP requirements on behalf of its tenants in order to increase efficiency and eliminate redundancy or duplication of effort". The City of Albuquerque Aviation Department (Aviation) developed a single comprehensive storm water pollution prevention plan (SWPPP) for the Double Eagle II Airport (DEII) and its tenants/operators in September 2015 (updated in May 2018). This SWPPP identifies the activities that the airport authority will conduct on behalf of the tenant/operators which includes performing and providing documentation for two (2) of the routine facility inspections, providing the review and documentation required for effluent limitations as applicable, performing and documenting quarterly visual assessments, reviewing and providing the necessary documentation for benchmark monitoring occurrences and pollution reduction as applicable, preparing corrective actions reports, and preparing and submitting annual reports. As was confirmed on July 9, 2015 with an EPA representative, Aviation is submitting one annual report for DEII, which will encompass all tenants/operators at DEII with an NPDES MSGP2015 tracking ID. This annual report includes the following operators and MSGP tracking numbers: City of Albuquerque Aviation Department - Double Eagle II Airport tracking number NMR053025; Albuquerque Police Department - Air Support Unit tracking number NMR053041; Bernalillo County Sheriff Department - Air Support tracking number NMR053253; and Bode Aviation Inc. tracking number NMR053056

In addition to the inspections for the airport authority (DEII), a total of four facility inspections (1 per quarter) were performed in 2019 for each operator at DEII. Two were performed by the operator (first and third quarter) and two were performed by the airport authority (second and fourth quarter). These inspections identified issues at the facilities which could potentially impact storm water quality. These issues were marked as deficiencies according to the DEII SWPPP (May 2018). The inspections identified in this section do not include deficiencies requiring corrective action within 24 hours of the finding (see response to D.4). Based on the results of airport inspections the following deficiencies were noted: one tenant did not have a spill response plan posted or a spill kit located in the appropriate area. The total number of deficiencies identified during the 2019 inspections was two, which is up from the single deficiency noted in the 2018 inspection, and equal to the two identified during the 2017 airport inspections. Additionally, deficiencies are down from the total of 5 that occurred in 2016, which shows a continued low number of deficiencies observed each year, a sign that operators continue to maintain awareness of storm water and how to prevent storm water pollution.

Sector S – Air Transportation has specific benchmark parameters only for airports which use more than 100,000 gallons of glycol-based de-icing chemicals and/or 100 tons or more of urea on an annual basis. DEII does not use Type I de-icing fluid, Type IV anti-icing fluid, or urea for pavement de-icing; therefore, DEII does not meet this minimum threshold for requiring controls for effluent limits.

Provide a summary of your past year's quarterly visual assessment documentation (see Part 3.2.2 of the permit).

Due to the arid nature of the climate in Albuquerque, New Mexico, measurable precipitation events are not common and are infrequent. This makes it difficult to achieve visual assessments for every quarter. According to MSGP Section 3.2.2, the distribution of samples can occur more frequently when precipitation does occur. DEII has four outfalls at which visual monitoring is performed by the DEII City of Albuquerque Aviation Department. Due to the arid climate and infrequent measurable precipitation events, Aviation was only able to perform two monitoring events in 2019, on July 1 and December 27. Consistent with previous monitoring events from past years, the outfalls were observed to be covered with tumbleweeds and generated little to no flow during precipitation events. No impacts to storm water quality were observed.

For any four-sample (minimum) average benchmark monitoring exceedance, if after reviewing the selection, design, installation, and implementation of your control measures and considering whether any modifications are necessary to meet the effluent limits in the permit, you determine that no further pollutant reductions are technologically available and economically practicable and achievable in light of best industry practice, provide your rationale for why you believe no further reductions are achievable (see Part 6.2.1.2 of the permit). Enter "NA" if not applicable.

Not Applicable

Provide a summary of your past year's corrective action documentation (See Part 4.4 of the permit). (Note: If corrective action is not yet completed at the time of submission of this annual report, you must describe the status of any outstanding corrective action(s).) Also describe any incidents of noncompliance in the past year or currently ongoing, or if none, provide a statement that you are in compliance with the permit.

Inspections over the past year found two deficiencies as noted in the response to D.1. However, none of these deficiencies were immediate threats to stormwater quality requiring corrective action within 24 hours of the finding

Certification Information

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 submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I have no personal knowledge that the information submitted is other than 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.

Certified By: Christopher P. Albrecht

Certifier Title:

Certifier Email: calbrecht@cabq.gov

Certified On: 01/09/2020 11:54 AM ET

2018 ANNUAL REPORT

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Permit Information

Report Year: 2018

NPDES ID: NMR053025

Facility Information

Facility Name: DOUBLE EAGLE II AIRPORT

Facility Point of Contact

First Name Middle Initial Last Name: Chris P Albrecht

Organization:

Title:

Phone: 505-244-7836 Ext.

Email: calbrecht@cabq.gov

Facility Mailing Address

Address Line 1: 7401 ATRISCO VISTA NW

Address Line 2: P.O. BOX 9948

City: ALBUQUERQUE

ZIP/Postal Code: 87120

State: NM

County or Similar Division: BERNALILLO

General Findings

Provide a summary of your past year's routine facility inspection documentation (see Part 3.1.2 of the permit). In addition, if you are an operator of an airport facility (Sector S) that is subject to the airport effluent limitations guidelines, and are complying with the MSGP Part 8.S.8.1 effluent limitation through the use of non-urea-containing deicers, provide a statement certifying that you do not use pavement deicers containing urea (e.g., "Urea was not used at [name of airport] for pavement deicing in the past year and will also not be used in 2015." (Note: Operators of airport facilities that are complying with Part 8.S.8.1 by meeting the numeric effluent limitation for ammonia do not need to include this statement.)

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City of Albuquerque Aviation Department - Double Eagle II Airport; tracking number NMR053025

Albuquerque Police Department - Air Support Unit; tracking number NMR053041

Bernalillo County Sheriff Department - Air Support; tracking number NMR053253

Bode Aviation Inc.; tracking number NMR053056

In addition to the inspections for the airport authority (DEII), a total of four facility inspections (1 per quarter) were performed in 2018 for each operator at DEII. Two were performed by the operator (first and third quarter) and two were performed by the airport authority (second and fourth quarter). These inspections identified issues at the facilities which could potentially impact storm water quality. These issues were marked as deficiencies according to the DEII SWPPP (May 2018). The inspections identified in this section do not include deficiencies requiring corrective action within 24 hours of the finding (see response to D.4). Based on the results of airport inspections the following deficiency was noted: one tenant did not have a spill response plan posted. The total number of deficiencies identified during the 2018 inspections was one, which is down from two identified during the 2017 airport inspections. Additionally, deficiencies are down from the total of 5 that occurred in 2016, which shows a continued decline in deficiencies observed each year, a sign that operators continue to maintain a awareness of storm water and how to prevent storm water pollution.

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. DEII does not use Type I de-icing fluid, Type IV anti-icing fluid, or urea for pavement deicing; therefore, DEII does not meet this minimum threshold for requiring controls for effluent limits.

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For any four-sample (minimum) average benchmark monitoring exceedance, if after reviewing the selection, design, installation, and implementation of your control measures and considering whether any modifications are necessary to meet the effluent limits in the permit, you determine that no further pollutant reductions are technologically available and economically practicable and achievable in light of best industry practice, provide your rationale for why you believe no further reductions are achievable (see Part 6.2.1.2 of the permit). Enter "NA" if not applicable.

Not Applicable

Provide a summary of your past year's corrective action documentation (See Part 4.4 of the permit). (Note: If corrective action is not yet completed at the time of submission of this annual report, you must describe the status of any outstanding corrective action(s).) Also describe any incidents of noncompliance in the past year or currently ongoing, or if none, provide a statement that you are in compliance with the permit.

Inspections over the past year found one deficiency as noted in the response to D.1. However, none of these deficiencies were immediate threats to stormwater quality requiring corrective action within 24 hours of the finding.

Certification Information

Certified On Behalf Of:

Responsible Official: James Hinde (WALLEYE18)

DAR Designated: 01/20/2017 12:00 AM

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 submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted 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. Signing an electronic document on behalf of another person is subject to criminal, civil, administrative, or other lawful action.

Certified By: Christopher P. Albrecht (ABQSUNPORT)

Certified On: 01/17/2019 11:48 AM

