Stormwater Pollution Prevention Plan

for:

Cavern City Air Terminal 1505 Terminal Drive Carlsbad, NM 88221-1569 575-885-1185

SWPPP Contact(s):

Airport Manager Sherri Chandler 1505 Terminal Drive Carlsbad, NM 88221-1569 <u>sechandler@cityofcarlsbad.com</u> NMR053053

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SECTION 1: FACILITY DESCRIPTION AND CONTACT INFORMATION

1.1 Facility Information.

Facility Information

Facility Name: Cavern City Air Terminal

Street/Location: 1505 Terminal Drive

City: <u>Carlsbad</u> State: <u>NM</u> ZIP Code: <u>88220</u>

County or Similar Government Subdivision: Eddy County

NPDES ID (i.e., permit tracking number): <u>NMR053053</u> (if covered under a previous permit)

Primary Industrial Activity SIC code, and Sector and Subsector (2021 MSGP, Appendix D and Part 8): 4581, S, S1

Co-located Industrial Activity(s) SIC code(s), Sector(s) and Subsector(s) (2021 MSGP, Appendix D): Sector S

Is your facility presently inactive and unstaffed and are there no industrial materials or activities exposed to stormwater? \Box Yes \boxtimes No

Latitude/Longitude

Latitude: 32.337444 ° N (decimal degrees)

Longitude: 104.2633611 ° W (decimal degrees)

Method for determining latitude/longitude (check one):

☑Maps (If USGS topographic map used, specify scale: <u>Kitchen Cove</u>, □GPS <u>7.5 Minute</u>

⊠Other (please specify): Google Earth Pro

Horizontal Reference Datum (check one):

Is the facility	located in Indian country?	🗆 Yes	🖂 No
is the facility	ioculcu in mulan country:		

If yes, provide the name of the	ndian tribe associated with the	e area of Indian country (including na	me of
Indian reservation, if applicable	l		

Are you considered a "federal operator" of the facility?

Federal Operator – an entity that meets the definition of "operator" in [the 2021 MSGP] and is either any department, agency or instrumentality of the executive, legislative, and judicial branches of the Federal government of the United States, or another entity, such as a private contractor, operating for any such department, agency, or instrumentality. \Box Yes \boxtimes No

Estimated area of industrial activity at your facility exposed to stormwater: <u>Total airport 2000 acres</u>, industrial area 80 acres

(to the nearest quarter acre)

Discharge Information

Does this facility discharge stormwater into a municipal separate storm sewer system (MS4)? \Box Yes \boxtimes No

If yes, name of MS4 operator:

Name(s) of surface water(s) that receive stormwater from your facility: <u>Unnamed Arroyos to the Rio</u> Pecos and at least one discharge to the Dark Canyon Arroyo which is north of the airport.

Does this facility discharge industrial stormwa	ater	directly	into any	segment	of an	"impaired	water"	(see
definition in 2021 MSGP, Appendix A)?		Yes	🖾 No					

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

Identify the pollutant(s) causing the impairment(s):

Which of the identified pollutants may be present in industrial stormwater discharges from this facility?

Has a Total Maximum Daily Load (TMDL) been completed for any of the identified pollutants? If yes, please list the TMDL pollutants:

Does this facility discharge industrial stormwater into a receiving water designated as a Tier 2, Tier 2.5 or Tier 3 water (see definitions in 2021 MSGP, Appendix A)? \Box Yes \boxtimes No

Are any of your stormwater discharges subject to effluent limitation guidelines (ELGs) (2021 MSGP Table 1-1)? \Box Yes \boxtimes No If Yes, which guidelines apply?

1.2 Contact Information/Responsible Parties.

Facility Owner(s):

Name: City of Carlsbad, John Lowe, City Administrator Address: 101 N. Halagueno City, State, Zip Code: Carlsbad, NM 88220 Telephone Number: 575-887-1191 Email address: jnlowe@cityofcarlsbadnm.com Fax number: N/A (repeat for multiple operators by copying and pasting the above rows)

Facility Operator(s):

Name: Chandler Aviation

Address: 1505 A Terminal Rd

City, State, Zip Code: Carlsbad, NM 88220

Telephone Number: 575-887-1500

Email address: chandleraviation@yahoo.com

Fax number: N/A

Facility Operator(s):

Name: Boutique Airlines Address: 1505 B Terminal Rd. City, State, Zip Code: Carlsbad, NM 88220 Telephone Number: 855-268-8478 Email address: Fax number: N/A

Facility Operator(s):

Name: Cel Tech Corporation Address: 1300 Terminal Rd. City, State, Zip Code: Carlsbad, NM 88220 Telephone Number: 575-887-2044 Email address: sales@celtechusa.com Fax number: N/A

Facility Operator(s):

Name: Air Methods Address: City, State, Zip Code: Carlsbad, NM 88220 Telephone Number: 855-896-9067 Email address: Fax number: N/A

SWPPP Contact(s):

SWPPP Contact Name (Primary): Sherri Chandler Telephone number: 575-361-3780 Email address: sechandler@cityofcarlsbadnm.com Fax number: N/A SWPPP Contact Name (Backup): Richard Aguilar, Environmental Services Superintendent Telephone number: 575-887-5412 Email address: rlaguilar@cityofcarlsbadnm.com Fax number: N/A

1.3 Stormwater Pollution Prevention Team.

Staff Names	Individual Responsibilities
Sherri Chandler	Airport Manager, implementing and maintaining control measures, sample collection, airport fueling operations. Assigning SWPPP duties and issuing corrective actions.
Richard Aguilar	Environmental Services Superintendent. Monitoring the SWPPP program and coordination with airport and the WWTP.
Chandler Aviation	Fixed base operator. Includes fixed and mobile fueling services. Responsible for maintaining records of fuel equipment inspection, maintenance and personnel training. Maintaining control measures for fueling operations waste disposal. All fueling at the airport is done by Chandler Aviation
Boutique Airlines	Airline offering intermittent air service to Albuquerque via PC-12 aircraft.
Cel Tech Corporation	Storage of military equipment and vehicles
Air Methods	Air ambulance service via rotary wing aircraft. Transportation of patients to and from Carlsbad and various other cities.

1.4 Site Description.

Cavern City Air Terminal is a public airport located southwest of Carlsbad, NM and located in Eddy County, New Mexico. The airport is owned by tie City of Carlsbad. The airport covers an area of 2,193 acres at an elevation of 3,295 above mean sea level. The airport is located approximately 3 miles southwest of downtown Carlsbad CBD. The airport is used for general aviation and has no scheduled passenger flights at time of writing of this Plan; the last scheduled service ceased in 2005. The airport maintains a terminal in case scheduled flights resume and has an active Part 139 Certificate.

The airport has four runways: Runway 3/21 is asphalt and measures 7,864 ft. by 150 ft.; Runway 14R/32L is asphalt and measures 5,837 ft. by 100 ft.; Runway 8-26 is asphalt and measures 5,834 ft. by 75 ft;and runway 14L/32R is asphalt and is 4,616 ft. by 150 ft.

The April 22, 2021 Federal Aviation Administration (FAA) Airport Master Record (Form 5010) showed estimated 2019 annual traffic of 8,648 takeoffs and landings (i.e. operations). Based aircraft include 20 single engine, one multi -engine planes, 2 jet, and 3 helicopters.

Airport improvements include the runways, a commuter terminal and general aviation terminal, warehouse and office Structures, the Carlsbad Fire Station No, 6, numerous conventional hangars and T-hangars, storage buildings, and a fuel farm.

Airport Tenants:

• Cavern Citiy Air Terminal Manager & Staff.

The Airport Manager & staff are City of Carlsbad employees and provide overall airport management and airfield maintenance. The Airport Mangers' office located in the Terminal Building at 1505 Terminal Drive. and staff are resident at the airport. Airfield maintenance includes repair of airfield lighting, inspection of fueling agents, and general grounds maintenance such as mowing grass and upkeep of the storm drainage system.

• Carlsbad Fire Department Station No. 6. The Aircraft Rescue and Fire Fighting program operates out of Fire Station No. 6. Capabilities include specially trained fire-fighting personnel, airport/aircraft emergency equipment, fire suppression materials, spill containment materials, and the training area.

• One fixed base operator (FBO):

1. Chandler Aviation, Inc., located in the FBO facility hangar/building north of the main terminal building provides fueling/refueling services at the airport utilizing mobile fuelers.

One commercial service airline:

2. Boutique Aviation, with offices in the main terminal building, provides fueling/refueling at the airport utilizing mobile fuelers. They also board and de-board passengers. 12 passenger aircraft used. Fueling done by Chandler Aviation

• One air ambulance service:

3. Air Methods which operates a rotary wing aircraft for passenger transport. Located north of the terminal building on the ramp.

• Major tenant:

4. Cel Tech, which has a ground lease to store military vehicles and equipment on the north ramp area.

Airport Fueling

Fueling is done by Chandler Aviation. The fuel farm is located on the airport, maintained, and inspected by Chandler Aviation.

1.5 General Location Map.

The general location map for this facility can be found in Attachment A.

1.6 Site Map.

The site map for this facility can be found in Attachment B.

A separate map shows a zoomed in area of the industrial area of the Cavern City Air Terminal, and can be found in Attachment C.

SECTION 2: POTENTIAL POLLUTANT SOURCES

Section 2 will describe all areas at your facility where industrial materials or activities are exposed to stormwater or from which authorized non-stormwater discharges originate. Industrial materials or activities include, but are not limited to: material handling equipment or activities; industrial machinery; raw materials; intermediate products, by-products, final products, and waste products. Material handling activities include, but are not limited to: the storage, loading and unloading, transportation, or conveyance of any raw material, intermediate product, final product or waste product. For structures located in areas of industrial activity, you must be aware that the structures themselves are potential sources of pollutants. This could occur, for example, when metals such as aluminum or copper are leached from the structures as a result of acid rain.

For each area identified, the SWPPP must include industrial activities in the area, potential pollutants or pollutant constituents for each identified activity, documentation of where potential spills and leaks could contribute pollutants to stormwater discharges, evaluation of unauthorized non-stormwater discharges, salt storage location, stormwater discharge sampling data and descriptions of stormwater control measures.

Activity and Location Nos. (See Attachments B and C)	Pollutant Source	Pollutant
Waste Oil Storage (INSERT LOC#)	External Corrosion and structural Failure Spills and leaks during addition/recycling of waste oil	Oil and Grease Heavy metals
Aircraft fueling Aircraft defueling Aircraft Deicing Aircraft Parking (INSERT LOC#)	Spills and leaks during fueling/defueling operations Spills caused by topping off aircraft fuel tanks Leaking aircraft fluids (engine and hydraulic oils, fuel) Leaking refueling truck fluids (engine and transmission oils, fuel, radiator fluids) Application of deicing fluid	Aircraft Fuel (AV Gas, Jet A) Oil and Grease Heavy metals Propylene glycol Ethylene glycol . COD_5 , BOD_5
Fuel Storage (INSERT LOC#)	External Corrosion and structural Failure Spills and leaks due to operator error Failure of fuel system components	Aircraft Fuel (AV Gas, Jet A) Diesel Fuel Oil and Grease . Heavy metals
Refueling Truck Parking GSE Parking GSE Fueling (INSERT LOC#)	Spills and leaks during equipment fueling Spills caused by "topping off" equipment Leaking equipment fluids (engine and transmission oils, fuel, radiator fluids	Aircraft Fuel (AV Gas, Jet A) Refueling truck and GSE fuel (regular unleaded) Ethylene glycol COD ₅ , BOD ₅ Oil and Grease Heavy metals
Aircraft Maintenance (INSERT LOC#)	Leaking aircraft fluids (engine and hydraulic oils, fuel)	Aircraft Fuel (AV Gas, Jet A) Oil and Grease . Heavy metals

2.1 Potential Pollutants Associated with Industrial Activity.

Activity and Location Nos. (See Attachments B and C)	Pollutant Source	Pollutant
GSE Maintenance (INSERT LOC#)	Leaking equipment fluids (engine and transmission oils, fuel, radiator fluids)	Ethylene glycol COD ₅ , BOD ₅ Oil and Grease Heavy metals Regular unleaded fuel
GSE Oil Storage (INSERT LOC#)	Spills during fluid transfer	Oil and Grease

If you are a Sector S (Air Transportation) facility, do you anticipate using more than 100,000 gallons of pure glycol in glycol-based deicing fluids and/or 100 tons or more of urea on an average annual basis?

 \Box Yes \boxtimes No

If you are a Sector G (Metal Mining) facility, do you have discharges from waste rock and overburden piles?

2.2 Spills and Leaks.

Areas of Site Where Potential Spills/Leaks Could Occur

Location	Discharge Points
Airport Fuel Farm	Located SW of Terminal. Permitted
	and inspected by NMED
Runways	Various outfalls, see map
Fuel Farm	Various outfalls, see map
Parking Apron	Various outfalls, see map

Description of Past Spills/Leaks

Date	Description	Discharge Points
None	None known of or recorded	None.

2.3 Unauthorized Non-stormwater Discharges Evaluation.

Description of this facility's unauthorized non-stormwater discharge evaluation:

- 1. Date of evaluation: Daily inspections done per Part 139 requirements. Quarterly inspections for SWPPP done quarterly through 2020.
- 2. Description of the evaluation criteria used: Checklists in the SWPPP
- **3.** List of the discharge points or onsite drainage points that were directly observed during the evaluation: All discharge points inspected for debris and blockage.

4. Action(s) taken, such as a list of control measures used to eliminate unauthorized discharge(s), or documentation that a separate NPDES permit was obtained. For example, a floor drain was sealed, a sink drain was re-routed to sanitary or an NPDES permit application was submitted for an unauthorized cooling water discharge: Debris cleaned from discharge points.

2.4 Salt Storage.

There are no storage piles containing salt on the facility.

2.5 Sampling Data Summary.

No stormwater sampling was required or conducted during the previous permit term.

SECTION 3: STORMWATER CONTROL MEASURES (SCM)

3.1 Non-numeric Technology-based Effluent Limits (BPT/BAT/BCT)

You must comply with the following non-numeric effluent limits as well as any sector-specific non-numeric effluent limits in Part 8, except where otherwise specified.

3.1.1 Minimize Exposure.

Aircraft fueling and maintenance are the major industrial activities at the facility that are exposed to the elements of stormwater runoff. Aircraft fueling is conducted near the hangars and aircraft apron. Fueling operations are not allowed during storm events. Good housekeeping practices are followed to prevent or minimize spills at the fueling locations. Aircraft maintenance is performed inside the hangars on concrete floors which are swept after each operation.

Absorbent materials approved by the EPA are used for spot cleaning for small spills of five or fewer gallons; areas of spills are not hosed down. Materials used to absorb such spills, and other materials (such as oily rags and products containing hazardous wastes) are securely stored in a covered container meeting EPA requirements and protected from stormwater runoff events until proper disposal is accomplished.

3.1.2 Good Housekeeping.

- 1. Equipment will be maintained in clean condition without excessive amounts of oil and grease buildup.
- 2. Drip pans or absorbent will be used when performing maintenance actions on aircraft or vehicles, whether within a hangar or on the ramp, when oil or grease releases into the environment is a possibility. Tenants are required to furnish their own equipment.
- 3. Maintenance operations, including oil changes and lubrication, will be conducted indoors.
- 4. Oil filters will be drained and crushed before recycling or disposal.
- 5. Catch basins, which receive runoff from a maintenance area, will be cleaned on a regular basis and especially after larger storms.
- 6. Work areas used for maintenance or aircraft storage will not be hosed down or cleaned with concrete cleaning products; mops or dry sweeping compound will be used and appropriately disposed.
- 7. Mechanical parts and equipment that may contribute oil, grease or other hazardous wastes to stormwater runoff will be kept under cover and protected from storm events.
- 8. Fluids will be drained and batteries will be removed from salvage aircraft, vehicles, other equipment, and stored under cover with appropriate safeguards to prevent release of hazardous substances into stormwater runoff.
- 9. The following wastes will be recycled or appropriately disposed of: greases, oils, antifreeze, brake fluid, cleaning solutions, hydraulic fluid, batteries, transmission fluid and filters. Airport Maintenance staff will regularly collect waste oil, and properly dispose at a licensed location. Tenants and sub-lessors with small amounts of waste oil product will set up and maintain their own oil collection system, use commercially available alternatives such as automotive service locations that recycle

hazardous waste oil and other products, or negotiate agreements to use larger storage facilities from principal lessors.

- 10. Airport tenants and operators will recycle waste-products and/or utilize materials with less hazardous properties where feasible.
- 11. Employee awareness training specific to operations performed by each employee will be conducted on an initial and ongoing basis by each major lessor of the airport, with sub-lessors notified of this requirement.
- 12. A supply of EPA-approved absorbent will be maintained in one or more central locations for use in the event of petroleum product spills.

3.1.3 Maintenance.

- 1. Industrial equipment and systems will be inspected (and tested if necessary) on a regular basis. The equipment will be expeditiously repaired, if damaged, and maintained in a condition to avoid situations that could result in leaks, spills, and other releases of pollutants to stormwater runoff.
- 2. Adequate amounts of spill response material will be readily available for emergency use.
- 3. Good housekeeping practices will include weekly collection and disposal of solid waste, regular pickup of other waste such as waste oil (when generated), along with the inspection of containers such as drums and tanks.

3.1.4 Spill Prevention and Response Procedures.

Potential for leaks, spills, and other releases that may impact stormwater will be minimized, and plans will be developed for the effective response to such releases, if and when they occur.

- 1. Containers that could be susceptible to spillage or leak will be plainly and properly labeled to encourage careful handling and facilitate rapid response in case of spills or leaks.
- 2. Preventative measures such as barriers between material storage and traffic areas, secondary containment provisions, and procedures for material storage and handling will be adopted.
- 3. Procedures for the expeditious stopping, containing, and cleaning up of leaks, spills, and other releases will be implemented. Employees who may cause, detect, or respond to a spill or leak will be trained in these procedures and will have the necessary spill response equipment available.
- 4. Where a leak, spill or other release containing a hazardous substance or oil in an amount equal to or in excess of a reportable quantity established under either 40 CFR Part 110, 40 CFR Part 117, or 40 CFR Part 302 occurs during a 24-hour period, you must notify the National Response Center (NRC) at (800) 424-8802 or, in the Washington, DC, metropolitan area, call (202) 267-2675 in accordance with the requirements of 40 CFR Part 110, 40 CFR Part 117, and 40 CFR Part 302 as soon as you have knowledge of the discharge. State or local requirements may necessitate reporting spills or discharges to local emergency response, public health, or drinking water supply agencies. Contact information must be in locations that are readily accessible and available.

3.1.5 Erosion and Sediment Controls.

Exposed areas area kept to a minimum. Ground cover on the facility is mainly asphalt, concrete, grass, or native vegetation. Slopes of swales and outlets are kept to 3:1 to minimize erosion. Vegetation is present in drainage areas and outlets to decrease flow velocity and reduce erosion.

3.1.6 Management of Stormwater.

There are 4 outlets of runoff from the Cavern City Air Terminal, the first outlet of Pond 1. Due to the relatively flat terrain, the permeable soil type, and the grass cover, runoff from storm events is reduced to a minimum. The airport has two detention areas where water can infiltrate. The primary outlet number 1 in Attachment B is a vegetated swale, and outlet 2 is a 16" corrugated metal pipe that discharges to a flat grassy area.

3.1.7 Salt Storage Piles or Piles Containing Salt.

There are no salt storage piles or piles containing salt on the facility.

3.1.8 Dust Generation and Vehicle Tracking of Industrial Materials.

Dust is only generated during infrequent windstorms and there is no off-site tracking of raw, final, or waste materials. Hence, no controls or procedures are deemed necessary at this time. Construction projects will have their own temporary individual SWPPP plans prepared.

3.2 Numeric Effluent Limitations Based on Effluent Limitations Guidelines (ELGs).

Not Applicable due to less than required amount of non-propeller aircraft departures.

Regulated Activity	40 CFR Part/Subpart	Effluent Limit
Discharges resulting from spray down or intentional wetting of logs at wet deck storage areas	Part 429, Subpart I	See Part 8.A.8
Runoff from phosphate fertilizer manufacturing facilities that comes into contact with any raw materials, finished product, by-products or waste products (SIC 2874)	Part 418, Subpart A	See Part 8.C.5
Runoff from asphalt emulsion facilities	Part 443, Subpart A	See Part 8.D.5
Runoff from material storage piles at cement manufacturing facilities	Part 411, Subpart C	See Part 8.E.6
Mine dewatering discharges at crushed stone, construction sand and gravel, or industrial sand mining facilities	Part 436, Subparts B, C, or D	See Part 8.J.10
Runoff from hazardous waste landfills	Part 445, Subpart A	See Part 8.K.7
Runoff from non-hazardous waste landfills	Part 445, Subpart B	See Part 8.L.11
Runoff from coal storage piles at steam electric generating facilities	Part 423	See Part 8.O.8
Runoff containing urea from airfield pavement deicing at existing and new primary airports with 1,000 or more annual non-propeller aircraft departures	Part 449	See Part 8.S.9

3.3 Water Quality-based Effluent Limitations and Water Quality Standards.

None Applicable.

3.4 Sector-Specific Non-Numeric Effluent Limits.

3.4.1 Aircraft, Ground Vehicle and Equipment Maintenance Areas

- 1. Maintenance activities on aircraft, ground vehicles, and equipment will be performed indoors.
- 2. Fluids will be drained from parts prior to disposal.
- 3. Dry cleanup methods will be used instead of hosing down hangar floors and aprons.
- 4. Where possible, collect stormwater runoff from the maintenance and provide treatment, or recycle.
- 5. Maintain a record of operations and an organized inventory of materials used in the maintenance areas.

3.4.2 Aircraft, Ground Vehicle and Equipment Cleaning Areas

1. Drainage and potential wastewater collection areas will be clearly marked with signs indicating their use.

3.4.3 Aircraft, Ground Vehicle and Equipment Storage Areas

- 2. Aircrafts, ground vehicles, and equipment awaiting maintenance will be stored indoors, in designated areas where possible.
- 3. Drip pans will be used to collect fluid leaks in storage areas.
- 4. Perimeter drains, dikes, or berms will be constructed around storage areas, where possible.

3.4.4 Material Storage Areas

- 1. Vessels containing stored materials will be plainly and appropriately labeled and maintained in good condition.
- 2. Materials will be stored indoors.
- 3. Waste materials will be stored in a centralized location.
- 4. Dikes or berms will be constructed around storage areas, where possible.

3.4.5 Airport Fuel System and Fueling Area

- 1. The discharge of fuel to the storm or sanitary sewer or surface waters resulting from fuel servicing activities or other operations conducted in support of the airport fuel system will be prevented or minimized.
- 2. Spill and overflow control practices (such as placing absorptive materials underneath the aircraft during fueling operations) will be implemented.
- 3. Dry cleanup methods will be used instead of mopping or "wash down".

3.4.6 Source Reduction

1. The use of urea and glycol-based deicing chemicals will be minimized (and/or eliminated where feasible) in order to reduce the aggregate amount of deicing chemicals used and/or lessen the environmental impact.

3.2.6.1 <u>Runway Deicing Operation</u>: Contamination of stormwater runoff from runways as a result of deicing operations will be minimized by metered application of chemicals, and pre-wetting dry chemical constituents prior to application.

3.2.6.2 <u>Aircraft Deicing Operations</u>: Contamination of stormwater runoff resulting from aircraft deicing operations will be minimized by reducing deicing fluid use with mechanical methods, solar radiation, hangar storage, and aircraft covers.

3.4.7 Management of Runoff

- 2. Where deicing operations occur, a program to control or manage contaminated runoff to minimize the amount of pollutants being discharged will be implemented.
- *3.* Whenever and where possible, a dedicated deicing facility with a runoff collection/recovery system will be provided.

3.4.8 Deicing Season

1. Periodic facility inspections will be conducted once per month during the deicing season which is considered to be November to March. Benchmark monitoring is not required.

SECTION 4: SCHEDULES AND PROCEDURES

4.1 Good Housekeeping.

- 2. Equipment will be maintained in clean condition without excessive amounts of oil and grease buildup.
- 3. Drip pans or absorbent will be used when performing maintenance actions on aircraft or vehicles, whether within a hangar or on the ramp, when oil or grease releases into the environment is a possibility. Tenants are required to furnish their own equipment.
- 4. Maintenance operations, including oil changes and lubrication, will be conducted indoors.
- 5. Oil filters will be drained and crushed before recycling or disposal. Catch basins, which receive runoff from a maintenance area, will be cleaned on a regular basis and especially after larger storms. Work areas used for maintenance or aircraft storage will not be hosed down or cleaned with concrete cleaning products; mops or dry sweeping compound will be used and appropriately disposed. Mechanical parts and equipment that may contribute oil, grease or other hazardous wastes to stormwater runoff will be kept under cover and protected from storm events.

4.2 Maintenance.

- 6. Industrial equipment and systems will be inspected (and tested if necessary) on a regular basis. The equipment will be expeditiously repaired, if damaged, and maintained in a condition to avoid situations that could result in leaks, spills, and other releases of pollutants to stormwater runoff.
- 7. Stormwater Controls will be keep in good condition to operate as designed.
- 8. Adequate amounts of spill response material will be readily available for emergency use.
- 9. Good housekeeping practices will include weekly collection and disposal of solid waste, regular pickup of other waste such as waste oil (when generated), along with the inspection of containers such as drums and tanks.

4.3 Spill Prevention and Response Procedures.

Potential for leaks, spills, and other releases that may impact stormwater will be minimized, and plans will be developed for the effective response to such releases, if and when they occur.

- 10. Containers that could be susceptible to spillage or leak will be plainly and properly labeled to encourage careful handling and facilitate rapid response in case of spills or leaks.
- 11. Preventative measures such as barriers between material storage and traffic areas, secondary containment provisions, and procedures for material storage and handling will be adopted.

4.4 Erosion and Sediment Control.

Not applicable.

4.5 Employee Training.

Members of the Pollution Prevention Team as well as inspectors and maintenance personnel and lessors on the airport property will be provided training to cover specific control measures to achieve effluent limits and to monitor, inspect, plan, report, and document in accordance with the SWPPP requirements. Training will be conducted on an initial and refresher course bases. New employees will be provided with initial training as needed; and refresher courses will be provided annually.

4.6 Inspections and Assessments.

4.6.1 Routine Facility Inspections.

Routine facility inspections will be conducted by the maintenance staff during each calendar quarter. The inspections will include any aboveground fuel storage tanks, the fueling areas, the maintenance shop and the hangars where repairs are conducted. During the inspection the interior floor drains in the buildings, protective berms around the fueling areas, storage areas, the maintenance shop, and secondary containments of the facility. The discharge points shown on Attachment B will be inspected for blockage and residues. Though no spills have been reported, any future spill location(s) should be inspected for proper remediation.

For routine facility inspections to be performed at your site, your SWPPP must include a description of the following:

• Person(s) or positions of person(s) responsible for inspection. Sherri Chandler, Airport Manager or airport staff with at least one team member present.

Note: Inspections must be performed by qualified personnel with at least one member of your stormwater pollution prevention team participating. Inspectors must consider the results of visual and analytical monitoring (if any) for the past year when planning and conducting inspections. Qualified personnel are those who possess the knowledge and skills to assess conditions and activities that could impact stormwater quality at your facility, and who can also evaluate the effectiveness of control measures.

• Schedules for conducting inspections, including tentative schedule for facilities in climates with irregular stormwater discharges. Quarterly, and after each runoff event. In this arid climate only five to ten rainfall events generate enough runoff to sample.

Note: The qualified personnel must conduct inspections at least quarterly (i.e., once each calendar quarter), or in some instances more frequently (e.g., monthly). Increased frequency may be appropriate for some types of equipment, processes and stormwater control measures, or areas of the facility with significant activities and materials exposed to stormwater. At least once each calendar year, the routine inspection must be conducted during a period when a stormwater discharge is occurring.

- List areas where industrial materials or activities are exposed to stormwater. There are no known sites where industrial materials are exposed to stormwater at this airport. However, all areas are inspected for evidence of such activities.
- List areas identified in the SWPPP (section 1 of the SWPPP Template) and those that are potential pollutant sources (see Part 6.2.3). Shown on figures attached.
- Areas where spills and leaks have occurred in the past three years. None.

• Inspection information for discharge points. attached figures show discharge points.

0	DP 1	32.344748	-104.249974
0	DP 2	32.333541	-104.257749
0	DP 3	32.337513	-104.255010
0	DP 4	32.353537	-104.258955

- List the control measures used to comply with the effluent limits contained in the 2021 MSGP. Analytical testing will be conducted when airport staff see, smell or suspect runoff contamination.
- Other site-specific inspection objectives. To make sure the runoff is not blocked and flows offsite. To inspect visually, and per smell and other concerns, analytically test if runoff is suspicious in nature.

4.6.2 Quarterly Visual Assessment of Stormwater Discharges.

Quarterly visual assessments will be performed by The Pollution Prevention Team. Inspection will include any point source locations, the maintenance shop, fueling areas, any aboveground fuel or petroleum storage tanks or areas, hangars where repairs are conducted, and the main outfalls shown on Attachment B. The inspections should be done once during a storm event each quarter, or during the last week of each quarter if a relevant storm event has not occurred.

- 1. **Person(s) or positions of person(s) responsible for assessments.** Sherri Chandler, Airport Manager
- 2. **Schedules for conducting assessments.** Inspections will be conducted quarterly and after each runoff event.
- 3. **Specific assessment activities.** There are four primary discharge points of runoff from the airport to offsite facilities, three along US Highway 285 and one to Dark Canyon to the north. Each of these sites will be monitored by airport staff after a runoff even, which is rare in this arid climate. Samples will be taken and inspected visually to determine if further testing is needed.

4.6.3 Exception to Routine Facility Inspections and Quarterly Visual Assessments for Inactive and Unstaffed Sites.

This site is inactive and unstaffed, and has no industrial materials or activities exposed to stormwater, in accordance with the substantive requirements in 40 CFR 122.26(g)(4)(iii) as signed and certified in Section 7 below.

If you are invoking the exception for inactive and unstaffed sites for your routine facility inspections and/or quarterly visual assessments, include information to support this claim.

4.7 Monitoring.

There are no monitoring requirements.

Check the following monitoring activities applicable to your facility:

- $\hfill\square$ Indicator monitoring
- $\hfill\square$ Benchmark monitoring
- □ Effluent limitations guidelines monitoring
- □ State- or tribal-specific monitoring
- □ Impaired waters monitoring
- □ Other monitoring required by EPA

4.8 Annual Report.

Cavern City Air Terminal and FBOs must submit an Annual Report to EPA electronically using the NPDES eReporting tool (NeT) by January 30th for each year of permit coverage. The certifying Official for the Notices of intent is the official who will certify the annual report. See attachment F for hard copy version of the annual report form presenting information that will be required for the electronic input.

Information submitted to NeT includes a summary of the past year's routine quarterly facility inspections, quarterly visual assessment results, and any corrective actions take on stormwater related controls.

SECTION 5: DOCUMENTATION TO SUPPORT ELIGIBILITY CONSIDERATIONS UNDER OTHER FEDERAL LAWS

5.1 Documentation Regarding Endangered Species Act (ESA) Listed Species and Critical Habitat Protection.

Consultation of the IPAC system shows the Cavern City Air Terminal does not have any critical habitat found within the facility area. The listed species that could be potentially occurring are Northern Aplomado Falcon, Southwestern Willow Flycatcher, Yellow-billed Cuckoo and a flowering plant, Sneed Pincushion Cactus. Due to the Las Cruces airport being in continuous operation for over 40 years, these species are unlikely to be occurring in the facility area.

5.2 Documentation Regarding National Historic Preservation Act (NHPA)-Protected Properties.

The Cavern City Air Terminal is an existing facility that is reapplying for certification under the 2021 MSGP. During previous MSGP coverage, no affects to historic properties were identified. The issuance of an MSGP permit should have no impact on historical and or archeological sites since no new subsurface construction activities are planned with this permit, or installation of control measures that would expand the site area. Future activities would require eligibility determination at that time. Criterion A from the 2021 MSGP Appendix F – Procedures Relating to Historic Properties Preservation has been satisfied.

SECTION 6: CORRECTIVE ACTIONS AND ADDITIONAL IMPLEMENTATION MEASURES

The SWPPP Modification Log located below. For any SWPPP Modification in response to a correction action, the corrective action is listed, as well as the person making it.

Corrective Action	Page	Date

SECTION 7: SWPPP CERTIFICATION

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 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.

SECTION 8: SWPPP MODIFICATIONS

SWPPP Modification	Page	Date

SECTION 9: SWPPP AVAILABILITY

Instructions (see 2021 MSGP Part 6.4):

Your current SWPPP (with the exception of any confidential business or restricted information) must be made available to the public. You have three options to comply with the public availability requirements for the SWPPP: attaching your SWPPP to your NOI; providing a URL of your SWPPP in your NOI; or providing the following SWPPP information in your NOI:

- 1. Onsite industrial activities exposed to stormwater, including potential spill and leak areas;
- 2. Pollutants or pollutant constituents associated with each industrial activity exposed to stormwater that could be discharged in stormwater and/or any authorized non-stormwater discharges;
- 3. Stormwater control measures you employ to comply with the non-numeric technology-based effluent limits and any other measures taken to comply with the water quality based effluent limits; and
- 4. Schedule for good housekeeping and maintenance and schedule for all inspections.

SWPPP ATTACHMENTS

Attach the following documentation to the SWPPP:

Attachment A – General Location Map Attachment B – Site Map Attachment C –Industrial Area Map Attachment D – IPAC Species List Attachment E – Web Soil Survey Soil Map Attachment F – Airport Master Record Attachment G – Additional SWPPP Documents Attachment H – Finalized Hardcopy NOI Documentation Attachment I – 2021 MSGP

Note: it is helpful to keep a printed-out copy of the 2021 MSGP so that it is accessible to you for easy reference. However, you do not need to formally incorporate the entire 2021 MSGP into your SWPPP. As an alternative, you can include a reference to the permit and where it is kept at the site.

ATTACHMENT A – GENERAL LOCATION MAP



ATTACHMENT B – SITE MAP











KITCHEN COVE QUADRANGLE NEW MEXICO - EDDY COUNTY 7.5-MINUTE SERIES





Grid Zone Desig 135

2020

ATTACHMENT C – INDUSTRIAL AREA MAP



CNM Industrial Area Map (98 Acres)

ATTACHMENT D – IPAC SPECIES LIST
IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as trust resources) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section. ONSUI

Location

Eddy County, New Mexico



Local office

New Mexico Ecological Services Field Office

\$ (505) 346-2525 (505) 346-2542

2105 Osuna Road Ne Albuquerque, NM 87113-1001

http://www.fws.gov/southwest/es/NewMexico/ http://www.fws.gov/southwest/es/ES Lists Main2.html NOTFORCONSULTATION

Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and projectspecific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

- 1. Draw the project location and click CONTINUE.
- 2. Click DEFINE PROJECT.
- 3. Log in (if directed to do so).
- 4. Provide a name and description for your project.
- 5. Click REQUEST SPECIES LIST.

Listed species

 1 and their critical habitats are managed by the <u>Ecological Services Program</u> of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries²).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact <u>NOAA Fisheries</u> for <u>species under their jurisdiction</u>.

- 1. Species listed under the <u>Endangered Species Act</u> are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the <u>listing status page</u> for more information. IPaC only shows species that are regulated by USFWS (see FAQ).
- 2. <u>NOAA Fisheries</u>, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

Birds

NAME	STATUS
Mexican Spotted Owl Strix occidentalis lucida	Threatened
There is final critical habitat for this species. The location of the	
critical habitat is not available.	
https://ecos.fws.gov/ecp/species/8196	
Northern Aplomado Falcon Falco femoralis septentrionalis	EXPN
No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/1923	
Piping Plover Charadrius melodus	Threatened
There is final critical habitat for this species. The location of the	
critical habitat is not available.	~())
https://ecos.fws.gov/ecp/species/6039	11
	<pre>A </pre>
Southwestern Willow Flycatcher Empidonax traillii extimus	Endangered
Wherever found	
ritical babitat is not available	05
https://ecos.fws.gov/ecp/species/6749	0
Fishes	
NAME	STATUS
Pecos Bluntnose Shiner Notropis simus pecosensis	Threatened
Wherever found	
There is final critical habitat for this species. The location of the	
critical habitat is not available.	
https://ecos.fws.gov/ecp/species/4362	
0	
Pecos Gambusia Gambusia nobilis	Endangered
Wherever found	
No critical habitat has been designated for this species.	
https://ecos.fws.gov/ecp/species/460	
Clams	
NAME	STATUS

Wherever found No critical habitat has been designated for this species. <u>https://ecos.fws.gov/ecp/species/919</u>

Flowering Plants

NAME	STATUS
Gypsum Wild-buckwheat Eriogonum gypsophilum Wherever found There is final critical habitat for this species. The location of the critical habitat is not available. https://ecos.fws.gov/ecp/species/7770	Threatened
Kuenzler Hedgehog Cactus Echinocereus fendleri var. kuenzleri Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/2859	Threatened
Lee Pincushion Cactus Coryphantha sneedii var. leei Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/2504	Threatened
Sneed Pincushion Cactus Coryphantha sneedii var. sneedii Wherever found No critical habitat has been designated for this species. <u>https://ecos.fws.gov/ecp/species/4706</u>	Endangered
Wright's Marsh Thistle Cirsium wrightii There is proposed critical habitat for this species. The location of the critical habitat is not available. <u>https://ecos.fws.gov/ecp/species/8963</u>	Proposed Threatened

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

THERE ARE NO CRITICAL HABITATS AT THIS LOCATION.

Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act

 $\frac{1}{2}$ and the Bald and Golden Eagle Protection Act $\frac{2}{2}$.

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 <u>below</u>.

^{1.} The <u>Migratory Birds Treaty Act</u> of 1918.

^{2.} The <u>Bald and Golden Eagle Protection Act</u> of 1940.

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

The birds listed below are birds of particular concern either because they occur on the <u>USFWS Birds</u> of <u>Conservation Concern</u> (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 <u>below</u>. 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 <u>E-bird data mapping tool</u> (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 <u>below</u>.

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 (IF A BREEDING SEASON IS INDICATED FOR A BIRD ON YOUR LIST, THE BIRD MAY BREED IN YOUR PROJECT AREA SOMETIME WITHIN THE TIMEFRAME SPECIFIED, WHICH IS A VERY LIBERAL ESTIMATE OF THE DATES INSIDE WHICH THE BIRD BREEDS ACROSS ITS ENTIRE RANGE. "BREEDS ELSEWHERE" INDICATES THAT THE BIRD DOES NOT LIKELY BREED IN YOUR PROJECT AREA.)

Black Throated Sparrow Amphispiza bilineata This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA Breeds Mar 15 to Sep 5

Black-chinned Sparrow Spizella atrogularis This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. <u>https://ecos.fws.gov/ecp/species/9447</u> Breeds Apr 15 to Jul 31

Burrowing Owl Athene cunicularia
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

Chestnut-collared Longspur Calcarius ornatus This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Golden Eagle Aquila chrysaetos 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

Lark Bunting Calamospiza melanocorys This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA

Long-billed Curlew Numenius americanus This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/5511

Virginia's Warbler Vermivora virginiae This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. <u>https://ecos.fws.gov/ecp/species/9441</u> Breeds elsewhere

Breeds Dec 1 to Aug 31

Breeds Mar 15 to Aug 31

Breeds elsewhere

Breeds elsewhere

Breeds May 1 to Jul 31

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 <u>Birds of Conservation Concern (BCC)</u> 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 <u>Avian Knowledge Network</u> (<u>AKN</u>). The AKN data is based on a growing collection of <u>survey</u>, <u>banding</u>, <u>and citizen science datasets</u> 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 (<u>Eagle Act</u> 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 <u>AKN Phenology Tool</u>.

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 <u>Avian</u> <u>Knowledge Network (AKN)</u>. This data is derived from a growing collection of <u>survey</u>, <u>banding</u>, <u>and citizen science</u> <u>datasets</u>.

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 yearround), you may refer to the following resources: <u>The Cornell Lab of Ornithology All About Birds Bird Guide</u>, or (if you are unsuccessful in locating the bird of interest there), the <u>Cornell Lab of Ornithology Neotropical Birds guide</u>. 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 <u>Birds of Conservation Concern</u> (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 <u>Eagle Act</u> 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 <u>Northeast Ocean Data Portal</u>. 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 <u>NOAA NCCOS</u> <u>Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf</u> 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 <u>Diving Bird Study</u> and the <u>nanotag studies</u> or contact <u>Caleb Spiegel</u> or <u>Pam Loring</u>.

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. NSULT

Facilities

National Wildlife Refuge lands

Any activity proposed on lands managed by the National Wildlife Refuge system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS AT THIS LOCATION.

Fish hatcheries

THERE ARE NO FISH HATCHERIES AT THIS LOCATION.

Wetlands in the National Wetlands Inventory

Impacts to NWI wetlands and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local U.S. Army Corps of **Engineers District.**

Please note that the NWI data being shown may be out of date. We are currently working to update our NWI data set. We recommend you verify these results with a site visit to determine the actual extent of wetlands on site.

This location overlaps the following wetlands:

RIVERINE

<u>R4SBJ</u> <u>R4SBC</u>

A full description for each wetland code can be found at the National Wetlands Inventory website

Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tuberficid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

ATTACHMENT E – WEB SOIL SURVEY SOIL MAP



Conservation Service



USDA

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C	IN	IVI

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
DP	Dev-Pima complex, 0 to 3 percent slopes	357.8	11.4%
GP	Gravel pit	13.8	0.4%
РМ	Pima silt loam, 0 to 1 percent slopes	2.4	0.1%
RA	Reagan loam, 0 to 3 percent slopes	523.7	16.7%
RE	Reagan-Upton association, 0 to 9 percent slopes	2,009.9	64.1%
UG	Upton gravelly loam, 0 to 9 percent slopes	226.0	7.2%
Totals for Area of Interest		3,133.7	100.0%

Engineering Properties

This table gives the engineering classifications and the range of engineering properties for the layers of each soil in the survey area.

Hydrologic soil group is a group of soils having similar runoff potential under similar storm and cover conditions. The criteria for determining Hydrologic soil group is found in the National Engineering Handbook, Chapter 7 issued May 2007(http://directives.sc.egov.usda.gov/OpenNonWebContent.aspx? content=17757.wba). Listing HSGs by soil map unit component and not by soil series is a new concept for the engineers. Past engineering references contained lists of HSGs by soil series. Soil series are continually being defined and redefined, and the list of soil series names changes so frequently as to make the task of maintaining a single national list virtually impossible. Therefore, the criteria is now used to calculate the HSG using the component soil properties and no such national series lists will be maintained. All such references are obsolete and their use should be discontinued. Soil properties that influence runoff potential are those that influence the minimum rate of infiltration for a bare soil after prolonged wetting and when not frozen. These properties are depth to a seasonal high water table, saturated hydraulic conductivity after prolonged wetting, and depth to a layer with a very slow water transmission rate. Changes in soil properties caused by land management or climate changes also cause the hydrologic soil group to change. The influence of ground cover is treated independently. There are four hydrologic soil groups, A, B, C, and D, and three dual groups, A/D, B/D, and C/D. In the dual groups, the first letter is for drained areas and the second letter is for undrained areas.

The four hydrologic soil groups are described in the following paragraphs:

Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

Group C. Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

Depth to the upper and lower boundaries of each layer is indicated.

Texture is given in the standard terms used by the U.S. Department of Agriculture. These terms are defined according to percentages of sand, silt, and clay in the fraction of the soil that is less than 2 millimeters in diameter. "Loam," for example, is soil that is 7 to 27 percent clay, 28 to 50 percent silt, and less than 52 percent sand. If the content of particles coarser than sand is 15 percent or more, an appropriate modifier is added, for example, "gravelly."

Classification of the soils is determined according to the Unified soil classification system (ASTM, 2005) and the system adopted by the American Association of State Highway and Transportation Officials (AASHTO, 2004).

The Unified system classifies soils according to properties that affect their use as construction material. Soils are classified according to particle-size distribution of the fraction less than 3 inches in diameter and according to plasticity index, liquid limit, and organic matter content. Sandy and gravelly soils are identified as GW, GP, GM, GC, SW, SP, SM, and SC; silty and clayey soils as ML, CL, OL, MH, CH, and OH; and highly organic soils as PT. Soils exhibiting engineering properties of two groups can have a dual classification, for example, CL-ML.

The AASHTO system classifies soils according to those properties that affect roadway construction and maintenance. In this system, the fraction of a mineral soil that is less than 3 inches in diameter is classified in one of seven groups from A-1 through A-7 on the basis of particle-size distribution, liquid limit, and plasticity index. Soils in group A-1 are coarse grained and low in content of fines (silt and clay). At the other extreme, soils in group A-7 are fine grained. Highly organic soils are classified in group A-8 on the basis of visual inspection.

If laboratory data are available, the A-1, A-2, and A-7 groups are further classified as A-1-a, A-1-b, A-2-4, A-2-5, A-2-6, A-2-7, A-7-5, or A-7-6. As an additional refinement, the suitability of a soil as subgrade material can be indicated by a group index number. Group index numbers range from 0 for the best subgrade material to 20 or higher for the poorest.

Percentage of rock fragments larger than 10 inches in diameter and 3 to 10 inches in diameter are indicated as a percentage of the total soil on a dry-weight basis. The percentages are estimates determined mainly by converting volume percentage in the field to weight percentage. Three values are provided to identify the expected Low (L), Representative Value (R), and High (H).

Percentage (of soil particles) passing designated sieves is the percentage of the soil fraction less than 3 inches in diameter based on an ovendry weight. The sieves, numbers 4, 10, 40, and 200 (USA Standard Series), have openings of 4.76, 2.00, 0.420, and 0.074 millimeters, respectively. Estimates are based on laboratory tests of soils sampled in the survey area and in nearby areas and on estimates made in the field. Three values are provided to identify the expected Low (L), Representative Value (R), and High (H).

Liquid limit and *plasticity index* (Atterberg limits) indicate the plasticity characteristics of a soil. The estimates are based on test data from the survey area or from nearby areas and on field examination. Three values are provided to identify the expected Low (L), Representative Value (R), and High (H).

References:

American Association of State Highway and Transportation Officials (AASHTO). 2004. Standard specifications for transportation materials and methods of sampling and testing. 24th edition.

5/18/2021

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American Society for Testing and Materials (ASTM). 2005. Standard classification of soils for engineering purposes. ASTM Standard D2487-00.

USDA

Report—Engineering Properties

Absence of an entry indicates that the data were not estimated. The asterisk '*' denotes the representative texture; other possible textures follow the dash. The criteria for determining the hydrologic soil group for individual soil components is found in the National Engineering Handbook, Chapter 7 issued May 2007(http://directives.sc.egov.usda.gov/ OpenNonWebContent.aspx?content=17757.wba). Three values are provided to identify the expected Low (L), Representative Value (R), and High (H).

	Engineering Properties–Eddy Area, New Mexico													
Map unit symbol and	Map unit symbol and Pct. of Hydrolo Depth USDA texture		USDA texture	Classi	Classification Pct Fragments			Percent	age passi	ng sieve r	umber—	Liquid	Plasticit	
soil name	map unit	gic group			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200	limit	y index
			In				L-R-H	L-R-H	L-R-H	L-R-H	L-R-H	L-R-H	L-R-H	L-R-H
DP—Dev-Pima complex, 0 to 3 percent slopes														
Dev	55	A	0-15	Very gravelly loam	GC, SC	A-2, A-4, A-6, A-7	0- 3- 5	0- 5- 10	45-63- 80	45-58- 70	35-45- 55	20-35- 50	28-38 -47	9-17-24
			15-60	Very gravelly loam	GC, GP- GC, SC, SP- SC	A-2-4, A-2-6, A-6, A-7	0- 5- 10	0- 5- 10	10-44- 78	5-35- 65	5-28- 50	5-24- 42	28-38 -47	9-17-24
Pima	30	С	0-3	Silt loam	CL-ML	A-4	0- 0- 0	0- 0- 0	90-95-1 00	90-95-1 00	80-85- 90	70-75- 80	20-25 -30	5-8 -10
			3-60	Silty clay loam	CL	A-6	0- 0- 0	0- 0- 0	95-98-1 00	95-98-1 00	90-95-1 00	80-85- 90	30-35 -40	10-15-2 0
PM—Pima silt loam, 0 to 1 percent slopes														
Pima	98	С	0-3	Silt loam	CL-ML	A-4	0- 0- 0	0- 0- 0	90-95-1 00	90-95-1 00	80-85- 90	70-75- 80	20-25 -30	5-8 -10
			3-60	Silty clay loam	CL	A-6	0- 0- 0	0- 0- 0	95-98-1 00	95-98-1 00	90-95-1 00	80-85- 90	30-35 -40	10-15-2 0

	Engineering Properties–Eddy Area, New Mexico													
Map unit symbol and	Pct. of	Hydrolo	Depth	USDA texture	Classification		Pct Fra	gments	s Percentage passing sieve number—				Liquid	Plasticit
soil name	map unit	gic group			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200	limit	y index
			In				L-R-H	L-R-H	L-R-H	L-R-H	L-R-H	L-R-H	L-R-H	L-R-H
RA—Reagan loam, 0 to 3 percent slopes														
Reagan	98	В	0-8	Loam	CL	A-6	0- 0- 0	0- 0- 0	95-98-1 00	95-98-1 00	85-93-1 00	65-78- 90	30-35 -40	14-18-2 2
			8-60	Loam, clay loam	CL	A-6, A-7-6	0- 0- 0	0- 0- 0	95-98-1 00	93-97-1 00	80-90-1 00	75-85- 95	35-43 -50	18-24-3 0
RE—Reagan-Upton association, 0 to 9 percent slopes														
Reagan	70	В	0-8	Loam	CL	A-6	0- 0- 0	0- 0- 0	95-98-1 00	95-98-1 00	85-93-1 00	65-78- 90	30-35 -40	14-18-2 2
			8-60	Loam, clay loam	CL	A-6, A-7-6	0- 0- 0	0- 0- 0	95-98-1 00	93-97-1 00	80-90-1 00	75-85- 95	35-43 -50	18-24-3 0
Upton	25	D	0-9	Gravelly loam	CL, GC, SC	A-4, A-6	0- 5- 10	0- 1- 2	65-75- 85	60-68- 75	51-61- 70	36-46- 55	25-33 -40	8-14-20
			9-13	Gravelly loam, gravelly clay loam, gravelly sandy loam	CL, GC, SC	A-4, A-6	0- 5- 10	0- 1- 2	65-80- 95	60-75- 90	51-68- 85	41-56- 71	25-33 -40	8-14-20
			13-21	Cemented	_	_	_	_	_	_	_	_	_	_
			21-60	Very gravelly loam	GC, GP- GC, SC, SP- SC	A-2, A-4, A-6	0- 5- 10	0-10- 20	31-58- 85	20-48- 75	10-40- 70	5-25- 45	25-33 -40	8-14-20



Engineering Properties–Eddy Area, New Mexico														
Map unit symbol and	Pct. of	Hydrolo	Depth	USDA texture	Classi	fication	Pct Fragments		Percent	age passi	ng sieve r	number—	Liquid	Plasticit
son name	unit	group			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		y index
			In				L-R-H	L-R-H	L-R-H	L-R-H	L-R-H	L-R-H	L-R-H	L-R-H
UG—Upton gravelly loam, 0 to 9 percent slopes														
Upton	96	D	0-9	Gravelly loam	CL, GC, SC	A-4, A-6	0- 5- 10	0- 1- 2	65-75- 85	60-68- 75	51-61- 70	36-46- 55	25-33 -40	8-14-20
			9-13	Gravelly loam	CL, GC, SC	A-4, A-6	0- 5- 10	0- 1- 2	65-80- 95	60-75- 90	51-68- 85	41-56- 71	25-33 -40	8-14-20
			13-21	Cemented	_	_	—	_	—	_	—	_	—	—
			21-60	Very gravelly loam	SP-SC, GC, GP-GC, SC	A-2, A-4, A-6	0- 5- 10	0-10- 20	31-58- 85	20-48- 75	10-40- 70	5-25- 45	25-33 -40	8-14-20

Data Source Information

Soil Survey Area: Eddy Area, New Mexico Survey Area Data: Version 16, Jun 8, 2020



ATTACHMENT F – AIRPORT MASTER RECORD

- 1 ASBOC COV. - 2 ASBOC OV. - 2 ASB	U.S. DEPARTMENT FEDERAL AVIATIO	T OF TRANSPO ON ADMINISTR	DRTATION ATION	AIRPC	ORT MASTER RECO	RD	PRINT DAT AFD EFF FORM APPI	E: 05/18/2021 04/22/2021 ROVED OMB 2120-001	5
CENERAL SERVICES DALAL SERVICES DALAL SERVICES DALAL SERVICES SERVI	> 1 ASSOC CITY: > 2 AIRPORT NAME: 3 CBD TO AIRPORT (NM)	CARLS CAVER : 5 SW	BAD N CITY AIR TRML		4 STATE: NM 6 REGION/ADO: ASW /LNM	LOC ID: 5 COUNTY 7 SECT AE ALBUQUEI	CNM ': EDDY, NM :RO CHT: RQUE	FAA SITE NR: 1	4559.*A
10 OWNERSHIF PLIEL UNLLAT+ BO SINCLE FING 20 10 OWNERSHIF PLIEL UNLLAT+ BO SINCLE FING 20 10 OWNERSHIF PLIEL UNLLAT+ BO SINCLE FING 20 11 DEPONE RE STARTING SUBJECT		GEI	NERAL			SERVI	CES	BASED AIR	CRAFT
1 10 </td <td>10 OWNERSHIP: PL</td> <td></td> <td></td> <td></td> <td>> 70 FUEL:</td> <td>10</td> <td>0LL A1+</td> <td>90 SINGLE ENG:</td> <td>20</td>	10 OWNERSHIP: PL				> 70 FUEL:	10	0LL A1+	90 SINGLE ENG:	20
CARL SAD, MA B220 PHONE RAY STABST 111 - 2012 PHONE RAY STABST 112 - 2012 PHONE RAY STABST 2012 P	> 12 ADDRESS: 10	1 Y OF CARLS	AGUENO ST		> 71 AIRFRAME	ERPRS:		91 MULTIENG: 92 JET:	1
10 MINUME MILE 97 BEDITLE CARCER IN ONE 00 MILE 00 MILE <td< td=""><td>C/</td><td>ARLSBAD, NM</td><td>88220</td><td></td><td>> 72 PWR PLAN</td><td>NT RPRS:</td><td></td><td>93 HELICOPTERS</td><td>3</td></td<>	C/	ARLSBAD, NM	88220		> 72 PWR PLAN	NT RPRS:		93 HELICOPTERS	3
Standbarts The North HALAGUND ST CARLEBAD, MISSZO CARLEBAD, MISSZO C	> 13 PHONE NR: 57	25-887-1191	ED		> 73 BOTTLE C	XYGEN: NO		TOTAL:	26
CARLENDO, IN SEZO TO THER SERVICES. AFRIT.AMB US MULTRAY: 0 NOME RECURDED. DYS BY 367 300 UTRALLOFT: 0 UTRALLOFT: 0 NOME RECURDED. DYS BY 367 300 FACILITES DYS BY 367 300 DYS BY 3	> 15 ADDRESS: 10	1 NORTH HAL	AGUENO ST		75 TSNT STC	RAGE: HO	GR TIE	94 GLIDERS:	0
EVENDELINE: Second Se	C/	ARLSBAD, NM	88220		76 OTHER SE	ERVICES: AF	RT,AMB	95 MILITARY:	0
NOTITION CONTINUE ON SUN DOURS HOURS ALL MONSUN GBU-1700 FACLUTES OU AR FORMER 5.224 ALL SAMPT RCIN CONTROL DO AR FORMER SC24 ALL SAMPT RCIN SCENTROL DO AR FORMER SC24 ALL SAMPT RCIN SCENTROL SCENTROL SCENTROL SCENTROL SCENTROL DO AR FORMER SCENTROL SCENTROL <td< td=""><td>> 16 PHONE NR: 57</td><td>25-887-3060</td><td></td><td></td><td></td><td></td><td></td><td>96 ULTRA-LIGHT:</td><td>0</td></td<>	> 16 PHONE NR: 57	25-887-3060						96 ULTRA-LIGHT:	0
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PRARTIES CALLINGS COUNT Science Science <t< td=""><td>ALL</td><td>MON-SUN</td><td>C</td><td>500-1700</td><td></td><td></td><td></td><td></td><td></td></t<>	ALL	MON-SUN	C	500-1700					
>> 81 ARPT LGT SKED: SEE R.M. 102 AR TAX: 102 AR TAX: 102 AR TAX: 102 AR TAX: 103 AR TAX:					> 80 ARPT BCN	. FACILI	<u>TIES</u> CG	100 AIR CARRIER	<u>5 224</u>
BARPORTUSE: PUBLIC BON LOT SKEI: SS-SR 103 0A LOCAL: 3.175 20 ARPT LONG: 104-15-48 IW TOTAL: 20 0.00 0.00 A IIINAT: 0 0.00					> 81 ARPT LGT	SKED:	SEE RMK	102 AIR TAXI:	0
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> 33 SUPE TYPE-COND: ASPH-G BC0 30.0	> 32 WIDTH:		5,33	+	150		150	5,0 10	0
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Mark D <thd< th=""> <thd< th=""> <thd< th=""> <thd< th=""></thd<></thd<></thd<></thd<>	> 34 SURF TREATMENT: 35 GROSS WT: S		19 (1	8.0		PFC 62.0	30	0
37 2D 140.0 38 2D/2DS 9/F/CY/T 4/F/D/Y/T 20/F/D/X/T 9/F/CY/T 4.0 EDGE INTENSITY: MED MED MED MED 4.0 EDGE INTENSITY: MED MED MED MED 4.1 THR ROSSING HGT: / / //W/MARK/TYPE-COND: BSC-G / BSC-G BSC-G / BSC-G PR:/NPI-G NPI-G / NPI-G 4.3 VGSI / / // //S8 56 / 59 4.4 THR ROSSING HGT: / / //S8 56 / 59 4.4 THR ROSSING HGT: / // //S8 56 / 59 4.4 THR ROSSING HGT: / // //S0 300 / 300 300 / 300 4.4 THR ROSSING HGT: / // //S0 1/S0 1/S0 1/S0 4.5 ROLL // // //S0 N/ // 1/S0	36 (IN THSDS) D		10.0		12.5		88.0	45	.0
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Light Inscription MED MED MED MED 04 EDGIS INTENSITY: BSC-G/BSC-G BSC-G/BSC-G PR-/NPI-NPI-G/NPI-G 43 VGSI / / //4 44 THR CROSSING HGT: / / //4 44 THR CROSSING HGT: / / //300 3.00/3.00 46 OKTRLM-TOZ: -/- -/- -/- -/- -/- 47 RVR.RVV: -/- -/- -/- -/- -/- 49 APCH LIGHTS: / / N/ / / 93 PACH LIGHTS: / / N/ / / 90 EART 7CATEGORY: A(V/AV) A(V/AV) PRI/C C /C / 20 CTLG 0BSTN ROAD / FRACE /ROAD ROAD / RAAD ROAD / RAAD / 23 CTLG 0BSTN ROAD / FENCE /ROAD ROAD / RAAD ROAD / RAAD / / / / / / / / / / / / / / /	38 2L > 39 PCN:	0/205	9/F/C/	γ/T	4/F/D/Y/T		20/F/D/X/T	9/F/D	/X/T
24 BUDGE INTENSITY: OD MED MED MED MED 24 RWY MART TYPE-COND: BSC-G / BSC-G BSC-G / BSC-G PIR / IPI- MED 24 WTM RAKET TYPE-COND: BSC-G / BSC-G BSC-G / BSC-G PIR / IPI- MED NPI-G / IPI-G 24 WTM RAKED. / / // // // // PIR / IPI-G 24 WTM RAKED. / / // // // // // 24 WTM RAKED. // // // // // // // 24 RETURE CONDEX // // // // // // // 24 RETURE CONDEX // // // // // // // 24 RETURE CONDEX // // // // // // // 24 RETURE CONDEX // // // // // // // // // 24 RETURE CONDEX A(V) / A(V) A(V) / A(V) A(V) / A(V) PIR / C C/C // // // // // // <t< td=""><td>LIGHTING/APCH A</td><td>AIDS</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	LIGHTING/APCH A	AIDS							
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44 THR CROSSING HGT: / / /58 56 / 59 45 VISUAL GLDE ANGLE: / / /3.00 3.00 / 3.00 > 46 CNTRUM-TD2: -/- -/- -/- -/- > 47 RVR.RVV: -/- -/- -/- -/- > 48 REL / N/ / N/ / > 49 APCH LIGHTS: / N/ N/ / / > 49 APCH LIGHTS: / N/ N/ / / > 50 FAR 77 CATEGORY: A(V) / A(V) A(V) / A(V) PIR / C C / C / > 51 DISPLACED THR: / <	> 43 VGSI:	U.	/	00-0	/		/ V4L	P4L/	P4L
45 VISOAL GLUE ANGLE: / // // // // // // 46 CNTRUN TDZ: -// -// -// -// // // // 47 RURRVV: -// // // N/ // // // 48 REIL: / / / N/ / // // 49 RCH LIGHTS: / / / N/ / // // 49 RCH LIGHTS: / / / MALSR // / // // 50 FAR 77 CATEGORY: A(V) / A(V) A(V) / A(V) ROAD / ROAD ROAD / ROAD ROAD / ROAD SOAD / ROAD // 51 DISPLACED THR: / / / // // // // 54 HOT AROVE RWY END: 15 / 4 / 15 24 / 14 7/ 15 // <td>44 THR CROSSING HGT:</td> <td></td> <td>1</td> <td></td> <td>/</td> <td></td> <td>/ 58</td> <td>56 /</td> <td>59</td>	44 THR CROSSING HGT:		1		/		/ 58	56 /	59
> 47 RVP.RVV: -/- -/- -/- -/- > 48 REL: / / N/ // > 49 APCH LIGHTS: / / N/ // > 0 STRUCTION DATA OBSTRUCTION DATA S0 FAR 77 CATEGORY: A(V) / A(V) A(V) / A(V) PIR / C C / C > 51 DISPLACED THR: / / / / // // > 52 CTLG OBSTN: ROAD / FENCE / ROAD ROAD / ROAD ROAD / ROAD ROAD / ROAD > 53 OBSTN MARKEDLGTD: / / / / / / > 54 OFT RUN RVV END: 15/4 / 15 24/14 7/15 / / > 55 OBSTN ROW RWY END: 310/200 0/230 1.080/388 300/672 > > 56 CNTRIN CONCRESET: 08/125R /150R 623/1514L 150L/318R > > 50 TAKE OFF RUN AVBL (TORA): 5.334/5.334 4.615/4.615 7.854/7.854 5.837/5.837 > 60 TAKE OFF RUN AVBL (TORA): 5.334/5.334 4.615/4.615 7.854/7.854 5.837/5.837 > 61 TAKE OFF RUN AVBL (TODA): 5.334/5.334 4.615/4.615 7.854/7.854 <td>45 VISUAL GLIDE ANGLE > 46 CNTRI N-TD7'</td> <td>::</td> <td>-/-</td> <td></td> <td>/</td> <td></td> <td>/ 3.00</td> <td>3.00/</td> <td>3.00</td>	45 VISUAL GLIDE ANGLE > 46 CNTRI N-TD7'	::	-/-		/		/ 3.00	3.00/	3.00
>48 REL: / / N/ / 94 APCH LIGHTS: / / MALSR / / 0BSTRUCTION DATA / / / / / 0BST AUCTORN DATA / / / / / 0BST MUCTION DATA / / / / / 30 BST MARKEDL (2010) / / / / / / 50 DIST FROM RWY END: 15 / 4 / 15 24 / 14 7 / 15 56 CURCEN CORS STNE: 0B / 125R / 150R 623L / 514L 150L / 318R 57 OBSTN CURC SLOPE: 71 / 01 501 / 101 361 / 131 141 / 131 / 1 58 CURSEN OBSTN: N / N N/N N/N N/N N/N 50 TAKE OFF DIST AVBL (TORA): 5.334 / 5.334 4.615 / 4.615 7.854 / 7.854 5.837 / 5.837	> 47 RVR-RVV:		- / -		- / -		- / -	- /	-
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>35 BUT RUN OFFSET: 0B / 125R 0 / 150R 6221 / 514L 150L / 318R 56 CNTRLN OFFSET: 0B / 125R 150R 6221 / 514L 150L / 318R 57 OBSTN CLNC SLOPE: 7:1 / 0:1 36:1 / 13:1 14:1 / 31:1 58 CLOSE: 7:1 / 0:1 36:1 / 13:1 14:1 / 31:1 58 CLOSE: 5.334 / 5.334 4.615 / 4.615 7.854 / 7.854 5.837 / 5.837 > 60 TAKE OFF DIST AVBL (TOA): 5.334 / 5.334 4.615 / 4.615 7.854 / 7.854 5.837 / 5.837 > 61 TAKE OFF DIST AVBL (DA): 5.334 / 5.334 4.615 / 4.615 7.854 / 7.854 5.837 / 5.837 > 62 ACLT STOP DIST AVBL (DA): 5.334 / 5.334 4.615 / 4.615 7.854 / 7.854 5.837 / 5.837 > 63 LING DIST AVBL (DA): 5.334 / 5.334 4.615 / 3.999 7.854 / 7.854 5.837 / 5.837 > 62 ACLT STOP DIST AVBL (DA): 5.334 / 5.334 4.615 / 3.999 7.854 / 7.854 5.837 / 5.837 > 61 DREMARKS: 026 24 HRS PPR FOR ACR OPNS WITH MORE THAN 30 PSGR SEATS CTC AMGR 575-887-3060. RY 14L/32R NOT AVBL FOR ACR OPNS. 057 RWy 32L APCH RATIO 38:1 FM DSPLCD THLD. 00 00 00 <td>> 54 HGT ABOVE RWY END</td> <td>D:</td> <td>15/-</td> <td>4</td> <td>/ 15</td> <td></td> <td>24 / 14</td> <td>7 /</td> <td>15</td>	> 54 HGT ABOVE RWY END	D:	15/-	4	/ 15		24 / 14	7 /	15
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 111 INSPECTOR: (E) 112 LAST INSP: 01/05/2021 113 LAST INFO REQ: 	A 057 RWY 32R APC	CH RATIO 38:1	FM DSPLCD THLD						
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11 INSPECTOR: (E) 112 LAST INSP: 01/05/2021 113 LAST INFO REO:	A 110-004 FOR CD IF UN	IA TO CTC ON	FSS FREQ, CTC A	LBUQUE	RQUE ARTCC AT 505-856-4561.				
11 INSPECTOR: (F) 112 LAST INSP: 01/05/2021 113 LAST INFO REQ:									
	111 INSPECTOR· (F)		112 AST INS	SP: 0	1/05/2021 1131 45				

ATTACHMENT G – ADDITIONAL SWPPP DOCUMENTS

Attachment G

Additional MSGP Documentation

For:

Cavern City Air Terminal 1505 Terminal Drive Carlsbad, NM 88220 575-885-1185 NMR053053

Contents

A. Employee Training	1
B. Maintenance	
C. Routine Facility Inspection Reports	5
D. Quarterly Visual Assessment Reports	
E. Monitoring results	
F. Deviations from assessment or monitoring schedule	
G. Corrective Action Documentation	
H. Benchmark Exceedances	
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Impairment Pollutant	16
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K. SWPPP Amendment Log	
L. Miscellaneous Documentation	

Instrucions:

- Keep the following inspection, corrective action, monitoring, and certification records in the same location that you keep your SWPPP:
 - A copy of the NOI submitted to EPA along with any correspondence exchanged between you and EPA specific to coverage under this permit (you should already have this);
 - A copy of the acknowledgment you receive from the EPA assigning your NPDES ID (you should already have this);
 - A copy of 2021 MSGP (you can provide an electronic copy);
 - Documentation of maintenance and repairs of control measures, including the date(s) of regular maintenance, date(s) of discovery of areas in need of repair/replacement, and for repairs, date(s) that the control measure(s) returned to full function, and the justification for any extended maintenance/repair schedules (see Part 2.1.2.3);
 - All inspection reports, including the Routine Facility Inspection Reports (see Part 3.1) and Quarterly Visual Assessment Reports (see Part 3.2.2);
 - Description of any deviations from the schedule for visual assessments and/or monitoring, and the reason for the deviations (e.g., adverse weather or it was impracticable to collect samples within the first 30 minutes of a measurable storm event) (see Parts 3.2.3 and 4.1.5);
 - Corrective action documentation required per Part 4.4;
 - Documentation of any benchmark exceedances and the type of response to the exceedance you employed, including:
 - the corrective action taken;
 - a finding that the exceedance was due to natural background pollutant levels;
 - a determination from EPA that benchmark monitoring can be discontinued because the exceedance was due to run-on; or
 - a finding that no further pollutant reductions were technologically available and economically practicable and achievable in light of best industry practice consistent with Part 4.2.2.3.
 - Documentation to support any determination that pollutants of concern are not expected to be present above natural background levels if you discharge directly to impaired waters, and that such pollutants were not detected in your discharge or were solely attributable to natural background sources (see Part 4.2.5.1);
 - Documentation to support your claim that your facility has changed its status from active to inactive and unstaffed with respect to the requirements to conduct routine facility inspections (see Part 3.1.1), quarterly visual assessments (see Part 3.2.3), benchmark monitoring (see Part 4.2.2.5), and/or impaired waters monitoring (see Part 4.2.5.2).
- With the exception of the first 3 items, these are records that you will be updating throughout the permit term. Follow the instructions in Sections A through L of this template to keep your records complete.

A. Employee Training

For in-person training, consider using the tables below to document your employee trainings. For computer-based or other types of training, keep similar records on who was trained, the training date, and the type of training conducted.

Training Date:							
Training Description:							
Trainer:							
Employee(s) trained	Employee signature						

Training Date:							
Training Description:							
Trainer:							
Employee(s) trained	Employee signature						

Training Date:					
Training Description:	Training Description:				
Trainer:					
Employee(s) trained	Employee signature				

Training Date:				
Training Description:				
Trainer:				
Employee(s) trained	Employee signature			

B. Maintenance

Instructions:

- Include in your records documentation of maintenance and repairs of control measures and industrial equipment (see Part 2.1.2.3 and 6.5), including:
 - the control measure/equipment maintained,
 - date(s) of regular maintenance,
 - date(s) of discovery of areas in need of repair/replacement, and for repairs, date(s) that the control measure/equipment was returned to full function, and
 - the justification for any extended maintenance/repair schedules and the notification to your EPA Region that you need an extension past 45 days to complete repairs/maintenance.
- As a reminder:
 - you are required to take all reasonable steps to prevent or minimize the discharge of pollutants until the final repair or replacement is implemented.
 - final repair/replacements of stormwater controls should be completed as soon as feasible but no later than 14 days, or if that is infeasible within 45 days.
 - if the completion of stormwater control repairs/replacement will exceed the 45 day timeframe, you may take the minimum additional time necessary to complete the maintenance, provided you notify the EPA Regional Office and document your rationale in your SWPPP.
- Provide information, as shown below, to document your maintenance activities for each control measure and industrial equipment. Repeat as necessary by copying and pasting the information below for additional control measures.

Note that maintenance documentation in this section is separate from required corrective action documentation. For any Part 4 corrective action triggering conditions, you must include documentation in section G of this Template.

Control Measure Maintenance Records (copy information below for each control measure)

Control Measure: Insert Name of Control Measure Regular Maintenance Activities: Describe maintenance activities Regular Maintenance Schedule: Insert Maintenance Schedule

Date of Maintenance Action: Insert Date of Action

Reason for Action: Regular Maintenance Discovery of Problem If Problem,

- Description of Action Required: Describe actions taken in response to problem

- Date Control Measure Returned to Full Function: Insert Date

- Justification for Extended Schedule, if applicable: Insert Justification (if applicable) Notes: Insert Notes (if applicable)

Industrial Equipment/Systems: Insert Name of Industrial Equipment/System Regular Maintenance Activities: Describe maintenance activities Regular Maintenance Schedule: Insert Maintenance Schedule

Date of Maintenance Action: Insert Date of Action

 If Problem, Description of Action Required: Describe actions taken in response to problem Date Industrial Equipment Returned to Full Function: Insert Date Justification for Extended Schedule, if applicable: Insert Justification (if applicable) Notes: Insert Notes (if applicable) 				
 Date of Maintenance Action: Insert Date of Action Reason for Action: Regular Maintenance If Problem, Description of Action Required: Describe actions ta Date Industrial Equipment Returned to Full Function Justification for Extended Schedule, if applicable: Notes: Insert Notes (if applicable) 	Discovery of Problem Iken in response to problem on: Insert Date Insert Justification (if applicable)			
Industrial Equipment and Systems Maintenance Rec industrial equipment/system)	<u>cords</u> (copy information below for each			
 Date of Maintenance Action: Insert Date of Action Reason for Action: Regular Maintenance If Problem, Description of Action Required: Describe actions ta Date Industrial Equipment Returned to Full Function Justification for Extended Schedule, if applicable: Notes: Insert Notes (if applicable) 	Discovery of Problem Iken in response to problem on: Insert Date Insert Justification (if applicable)			
 Date of Maintenance Action: Insert Date of Action Reason for Action: Problem, Description of Action Required: Describe actions ta Date Industrial Equipment Returned to Full Function Justification for Extended Schedule, if applicable: Notes: Insert Notes (if applicable) Date of Maintenance Action: Insert Date of Action Reason for Action: Problem, Description of Action Required: Describe actions ta Date Industrial Equipment Returned to Full Function Justification for Extended Schedule, if applicable: Notes: Insert Notes (if applicable) 	 Discovery of Problem Iken in response to problem Insert Date Insert Justification (if applicable) Discovery of Problem Iken in response to problem Insert Date Insert Date Insert Justification (if applicable) 			

Regular Maintenance

Cavern City Air Terminal

Reason for Action:

Discovery of Problem

C. Routine Facility Inspection Reports

Instructions:

- Include in your records copies of all routine facility inspection reports completed for the facility.
- The sample inspection report is consistent with the requirements in Part 3.1.2 of the 2021 MSGP relating to routine facility inspections. Facilities subject to state industrial stormwater permits may also find this form useful. If your permitting authority provides you with an inspection report, use that form.

Using the Sample Routine Facility Inspection Report

- This inspection report is designed to be customized according to the specific control measures and
 activities at your facility. For ease of use, you should take a copy of your site plan and number all of the
 stormwater control measures and areas of industrial activity that will be inspected. A brief description of
 the control measures and areas that were inspected should then be listed in the site-specific section of the
 inspection report.
- You can complete the items in the "General Information" section that will remain constant, such as the facility name, NPDES tracking number, and inspector (if you only use one inspector). Print out multiple copies of this customized inspection report to use during your inspections.
- When conducting the inspection, walk the site by following your site map and numbered control
 measures/areas of industrial activity to be inspected. Also note whether the "Areas of Industrial Materials
 or Activities exposed to stormwater" have been addressed (customize this list according to the conditions
 at your facility). Note any required corrective actions and the date and responsible person for the
 correction.

Stormwater Industrial Routine Facility Inspection Report

General Information				
Facility Name	Cavern City Air Terminal			
NPDES Tracking No.	NMR05HN73			
Date of Inspection	Start/End Time			
Inspector's Name(s)				
Inspector's Title(s)				
Inspector's Contact Information				
Inspector's Qualifications				
	Weather Information			
Weather at time of this inspection? Clear Cloudy Rain Sleet Fog Snow High Winds Other: Temperature:				
Have any previously unidentified discharges of pollutants occurred since the last inspection? Yes No If yes, describe:				
Are there any discharges occurring at the time of inspection? Yes No If yes, describe:				

Control Measures

_

- Number the structural stormwater control measures identified in your SWPPP on your site map and list them below (add as many control measures as are implemented on-site). Carry a copy of the numbered site map with you during your inspections. This list will ensure that you are inspecting all required control measures at your facility.
- Identify if maintenance or corrective action is needed.
 - If maintenance is needed, fill out section B of this template
 - If corrective action is needed, fill out section G of this template

	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Maintenance or Corrective Action Needed and Notes
1		□Yes □No	 Maintenance Repair Replacement 	Describe Maintenance and/or Corrective Actions Needed
2		□Yes □No	 Maintenance Repair Replacement 	Describe Maintenance and/or Corrective Actions Needed
3		□Yes □No	 Maintenance Repair Replacement 	Describe Maintenance and/or Corrective Actions Needed
3		Yes No	 Maintenance Repair Replacement 	Describe Maintenance and/or Corrective Actions Needed
4		□Yes □No	 Maintenance Repair Replacement 	Describe Maintenance and/or Corrective Actions Needed
5		□Yes □No	 Maintenance Repair Replacement 	Describe Maintenance and/or Corrective Actions Needed
5		□Yes □No	 Maintenance Repair Replacement 	Describe Maintenance and/or Corrective Actions Needed
6		Yes No	 Maintenance Repair Replacement 	Describe Maintenance and/or Corrective Actions Needed

	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Maintenance or Corrective Action Needed and Notes
7		□Yes □No	 Maintenance Repair Replacement 	Describe Maintenance and/or Corrective Actions Needed
8		□Yes □No	 Maintenance Repair Replacement 	Describe Maintenance and/or Corrective Actions Needed
9		□Yes □No	 Maintenance Repair Replacement 	Describe Maintenance and/or Corrective Actions Needed
10		□Yes □No	 Maintenance Repair Replacement 	Describe Maintenance and/or Corrective Actions Needed
9		□Yes □No	 Maintenance Repair Replacement 	Describe Maintenance and/or Corrective Actions Needed
10		□Yes □No	 Maintenance Repair Replacement 	Describe Maintenance and/or Corrective Actions Needed
9		□Yes □No	 Maintenance Repair Replacement 	Describe Maintenance and/or Corrective Actions Needed
10		□Yes □No	 Maintenance Repair Replacement 	Describe Maintenance and/or Corrective Actions Needed
9		□Yes □No	 Maintenance Repair Replacement 	Describe Maintenance and/or Corrective Actions Needed
10		□Yes □No	 Maintenance Repair Replacement 	Describe Maintenance and/or Corrective Actions Needed

Areas of Industrial Materials or Activities Exposed to Stormwater

Below are some general areas that should be assessed during routine inspections. Customize this list as needed for the specific types of industrial materials or activities at your facility that are potential pollutant sources. Identify if maintenance or corrective action is needed. If maintenance is needed, fill out section B of this template. If corrective action is needed, fill out section G of this template.

	Area/Activity	Inspected?	Controls Adequate (appropriate, effective and operating)?	Maintenance or Corrective Action Needed and Notes
1	Material loading/unloading and storage areas	□Yes □No □N/A	□Yes □No	Describe Maintenance and/or Corrective Actions Needed
2	Equipment operations and maintenance areas	□Yes □No □N/A	□Yes □No	Describe Maintenance and/or Corrective Actions Needed
3	Fueling areas	□Yes □No □N/A	□Yes □No	Describe Maintenance and/or Corrective Actions Needed
4	Outdoor vehicle and equipment washing areas	□Yes □No □N/A	□Yes □No	Describe Maintenance and/or Corrective Actions Needed
5	Waste handling and disposal areas	□Yes □No □ N/A	□Yes □No	Describe Maintenance and/or Corrective Actions Needed

	Area/Activity	Inspected?	Controls Adequate (appropriate, effective and operating)?	Maintenance or Corrective Action Needed and Notes
6	Erodible areas/construction	□Yes □No □N/A	□Yes □No	Describe Maintenance and/or Corrective Actions Needed
7	Non-stormwater/ illicit connections	□Yes □No □N/A	□Yes □No	Describe Maintenance and/or Corrective Actions Needed
8	Salt storage piles or pile containing salt	□Yes □No □N/A	□Yes □No	Describe Maintenance and/or Corrective Actions Needed
9	Dust generation and vehicle tracking	□Yes □No □N/A	□Yes □No	Describe Maintenance and/or Corrective Actions Needed
10	Processing areas	□Yes □No □N/A	□Yes □No	Describe Maintenance and/or Corrective Actions Needed
11	Areas where industrial activity has taken place in the past and significant materials remain and are exposed to storm water	□Yes □No □ N/A	□Yes □No	Describe Maintenance and/or Corrective Actions Needed
12	Immediate access roads used or traveled by carriers of raw materials, waste material, or by-products used or created by the facility	□Yes □No □N/A	□Yes □No	Describe Maintenance and/or Corrective Actions Needed
13	(Other)	□Yes □No □N/A	□Yes □No	Describe Maintenance and/or Corrective Actions Needed
14	(Other)	□Yes □No □N/A	□Yes □No	Describe Maintenance and/or Corrective Actions Needed

Discharge Points At discharge points, describe any evidence of, or the potential for, pollutants entering the drainage system. Also describe observations regarding the physical condition of and around all outfalls, including any flow dissipation devices, and evidence of pollutants in discharges and/or the receiving water. Identify if any corrective action is needed.

Describe Discharge Points Observations

Non-Compliance

Describe any incidents of non-compliance observed and not described above: Describe Non-compliance

Additional Control Measures

Describe any additional control measures needed to comply with the permit requirements: Describe Additional Controls Needed

Notes

Use this space for any additional notes or observations from the inspection: Additional Notes

CERTIFICATION STATEMENT

"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."

Print name and title:			

Signature: _____Date: _____
D. Quarterly Visual Assessment Reports

Instructions:

Include in your records copies of all quarterly visual assessment reports completed for the facility (Part 3.2.2). An example quarterly visual assessment report can be found on the following page.

MSC	GP Quarterly Visua	Assessment Form	
(Co	mplete a separate form for	r each outfall you assess)	
Name of Facility: Cavern City Air Terminal		NPDES Tracking No. N	MR05HN73
Outfall Name: "Substantially Point"?	dentical Discharge	☐ Yes (identify substant ☐ No	ially identical outfalls):
Person(s)/Title(s) collecting sample: Name/Tit	le		
Person(s)/Title(s) examining sample: Name/T	itle		
Date & Time Discharge Began: Enter date and time	Date & Time Sample Enter date and time. first 30 minutes, expl	Collected: If sample not taken within ain why.	Date & Time Sample Examined: Enter date and time
Substitute Sample? No Yes (ident	ify quarter/year when sam	ple was originally scheduled	to be collected):
Nature of Discharge: 🗌 Rainfall 🔲 Snow	melt		
If rainfall: Rainfall Amount: No of inches_	Previous Storm Endeo Before Start of This S	d > 72 hours Yes torm?	No* (explain):
	Pollutants O	bserved	
Color 🗌 None 🗌 Other (describe)	:		
Odor None Musty Sewa	ge 🗌 Sulfur 🗌 Sou !):	Ir Petroleum/Gas	
Clarity 🔲 Clear 🔲 Slightly Cloudy	Cloudy Dpaqu	e 🗌 Other	
Floating Solids 🛛 🗌 No 🔲 Yes (descr	ibe):		
Settled Solids**	ibe):		
Suspended Solids 🗌 No 🗌 Yes (descr	ibe):		
Foam (gently shake sample) 🗌 No 🔲 Y	es (describe):		
Oil Sheen 🔲 None 🗌 Flecks 🗌 Glot	os 🗌 Sheen 🗌 Slick		
Other Obvious Indicators INO Yes of Stormwater Pollution	; (describe):		
* The 72-hour interval can be waived when the pre documentation) that less than a 72-hour interval is	vious storm did not yield a more representative of local storm	easurable discharge or if you ar events during the sampling per	re able to document (attach applicable iod.
** Observe for settled solids after allowing the sam	ple to sit for approximately or	ne-half hour.	
Identify probably sources of any observed pictures taken, and any corrective actions	stormwater contaminati necessary below (attach	ion. Also, include any addi additional sheets as nece	tional comments, descriptions of essary). Insert details
Certification Statement (Refer to MSGP Subpar I certify under penalty of law that this document and designed to assure that qualified personnel proper manage the system, or those persons directly resp belief, true, accurate, and complete. I am aware that imprisonment for knowing violations.	t 11 Appendix B for Signato d all attachments were prepa ly gathered and evaluated the onsible for gathering the infor at there are significant penalt	bry Requirements) red under my direction or super e information submitted. Based rmation, the information submitt ies for submitting false informat	vision in accordance with a system on my inquiry of the person or persons who ted is, to the best of my knowledge and ion, including the possibility of fine and
A. Name:		B. Title:	
C. Signature:		D. Date Signed:	

E. Monitoring results

Instructions:

Include in your records copies of all monitoring results (including analytical laboratory data, benchmarks, effluent limits, and other monitoring conducted) for the facility. Also include copies of monitoring data submitted to EPA's NetDMR reporting system or paper Industrial Discharge Monitoring Reports (DMRs) if EPA has issued your facility a waiver from electronic reporting (Part 6.1.9).

F. Deviations from assessment or monitoring schedule

Instructions:

Include in your records:

- A description of any deviations from the schedule you provided in your SWPPP for visual assessments and/or monitoring (Part 6.5), and
- The reason for the deviations (e.g., adverse weather or it was impracticable to collect samples within the first 30 minutes of a measurable storm event) (Parts 3.2.4 and 4.1.5 of the 2021 MSGP).

Use the fields below to document the deviations. Repeat as necessary for any deviations.

Date: Insert Date	
Visual assessments	Monitoring
Describe deviation from schedule:	Describe deviation
Reason for deviation: Describe reas	on

Date: Insert Date

Visual assessments	Monitoring
Describe deviation from schedule	: Describe deviation
Reason for deviation: Describe rea	son

Date: Insert Date

Visual assessments	Monitoring
Describe deviation from schedule:	Describe deviation
Reason for deviation: Describe reason	on

Date: Insert Date
Visual assessments
Monitoring
Describe deviation from schedule: Describe deviation
Reason for deviation: Describe reason

G. Corrective Action Documentation

Instructions:

Within 24 hours of becoming aware of a condition identified in Parts 5.1 or 5.2 of the 2021 MSGP, document the existence of the condition and subsequent actions. Note that this information must be summarized in the annual report (as required in Part 7.5 of the 2021 MSGP).

Description of Condition: Insert description of condition trigering the need for corrective action **For Spills and Leaks**:

Description of Incident: Insert Description Material: Insert description of material Date/Time: Insert Date/Time Amount: Insert Estimated Amount of Spill/Leak Location: Insert Location of Spill/Leak Reason for Spill: Insert Reason for Spill/Leak Discharge to Waters of U.S.: Insert Whether Spill/Leak discharged to a Water of the U.S.

Date: Insert Date Condition was Identified

Immediate Actions: Insert Description of Immediate Actions Taken

Actions Taken within 14 Days: Insert Description of Actions Taken within 14 days of discovery

14 Day Infeasibility: If Applicable, document why it is infeasible to complete necessary

installations or repairs within 14-day timeframe and describe schedule

45 Day Extension: If Applicable, document rationale sent to EPA for extension of 45 day timeframe

Description of Condition:

For Spills and Leaks: Description of Incident: Material: Date/Time: Amount: Location: Reason for Spill: Discharge to Waters of U.S.:

Date:

Immediate Actions: Actions Taken within 14 Days: 14 Day Infeasibility: 45 Day Extension:

H. Benchmark Exceedances

Instructions:

Include in your records documentation of any four quarter average benchmark exceedances and how they were responded to, including either:

- (1) corrective action taken (Parts 5.1.2 and 4.2.2.3),
- (2) a finding that the exceedance was due to natural background pollutant levels (Part 4.2.2.3),
- (3) a determination from the EPA Regional Office that benchmark monitoring can be discontinued because the exceedance was due to run-on, or
- (4) a finding that no further pollutant reductions were technologically available and economically
 practicable and achievable in light of best industry practice consistent with Part 4.2.2.3 of the 2021 MSGP.

Date:

Pollutant Exceeded and Results:

Quarter 1 (Sample date:) Result:
Quarter 2 (Sample date:) Result:
Quarter 3 (Sample date:) Result:
Quarter 4 (Sample date:) Result:
Average Result:	
Benchmark Value:	

Document how benchmark exceedance(s) responded to:

Corrective action review completed (ensure documentation is included in section G of this Template)

Finding that the exceedance was due to natural background pollutant levels

Pollutant(s): Insert Pollutant

Attach data and/or studies that tie the presence of the pollutant causing the exceedance in your discharge to natural background sources in the watershed.

Determination from EPA Regional Office that benchmark monitoring can be discontinued because the exceedance was due to run-on

Pollutant(s): Insert Pollutant Attach documentation from EPA Regional Office.

Finding that no further pollutant reductions are technologically available and economically practicable and achievable in light of best industry practice consistent with Part 6.2.1.2.

Pollutant(s): Insert Pollutant Attach documentation supporting this finding.

I. Impaired Waters Monitoring: Documentation of Natural Background Sources or Non-Presence of Impairment Pollutant

Instructions:

This section applies only if your facility:

- Discharges directly to an impaired water without an EPA approved or established total maximum daily load (TMDL), and either your impaired waters monitoring results shows that the pollutant(s) for which the water is impaired is
 - 1. Not present and not expected to be present in your discharge, or
 - 2. Present, but you have determined its presence is caused solely by natural background sources. See Part 4.2.5.1 of the 2021 MSGP.

If # 1 applies to your facility, include here documentation that the impairment pollutant(s) was not detected in your discharge sample.

If # 2 applies to your facility, include the following documentation here:

- An explanation of why you believe that the presence of the pollutant(s) causing the impairment in your discharge is not related to the activities at your facility; and
- Data and/or studies that tie the presence of the pollutant(s) causing the impairment in your discharge to natural background sources in the watershed.

Note: You are reminded that the permit requires you to include a notification that you have met either condition # 1 or # 2 (above) in your monitoring report that you submit to EPA.

Date:

Check one of the boxes below and complete the additional documentation:

#1 – Pollutant(s) for which the water is impaired is not present and not expected to be present in your discharge

Attach documentation that the impairment pollutant(s) was not detected in your discharge sample(s).

#2 – Pollutant(s) for which the water is impaired is present, but you have determined its presence is caused solely by natural background sources.

Attach the following documentation:

- An explanation of why you believe that the presence of the pollutant(s) causing the impairment in your discharge is not related to the activities at your facility; and
- Data and/or studies that tie the presence of the pollutant(s) causing the impairment in your discharge to natural background sources in the watershed.

J. Active/Inactive status change

Instructions:

If your facility changes it status from active to inactive and unstaffed (or from inactive/unstaffed to active), include documentation in this section to support your claim.

Date:

New Facility Status: Inactive and Unstaffed Reason for change in status:

Active

K. SWPPP Amendment Log

Instructions:

Include in your records:

- A log of the date and description of any amendments to your SWPPP.

Fill in the appropriate columns of this table for each amendment to your SWPPP. Copy and paste additional rows into the table as necessary.

Amend. No.	Description of the Amendment	Date of Amendment	Amendment Prepared by [Name(s) and Title]
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			

L. Miscellaneous Documentation

Instructions:

Use this section to keep records of any additional documentation that relates to your compliance with the permit.

ATTACHMENT H – FINALIZED HARDCOPY NOI DOCUMENTATION



Address Line	1: 1505 TERMINAL DRIVE				
Address Line	2:	City: CARLSBAD			
ZIP/Postal Co	de: <u>88220</u>	State: NM			
County of Sir					
Latitude	e/Longitude for the Facility				
Latitude/Long	yitude: 32.337444°N, 104.263361°W				
Latitude/Long	jitude Data Source: GPS	Horizontal Refere	nce Datum: NAD	83	
Genera	I Facility Information				
What is the o	wnership type of the facility? <u>Municipality</u>				
Estimated are	a of industrial activity at your facility exposed to stormwater (rounded to the near	est quarter acre): <u>80</u>			
Is your facility	y presently inactive and unstaffed? No				
Exception for	nactive and Unstaffed Facilities: The requirement for indicator monitoring, impaired wate	ers monitoring, and/or benchmark	monitorina does r	ot apply at a fa	sility that is inactive and unstaffed, as long as there are
industrial mate	rials or activities exposed to stormwater.	se mentering, analer benefinant	inennennig deber	or apply at a fa	
If circumstance staffed/unstaff	es change during the permit term that affect your qualifications for this exception to moni ed status) you must submit a NOI notifying EPA of the change in circumstances.	itoring requirements (i.e. industrial	materials or activ	ities exposure t	o stormwater or your facility's active/inactive and
Sector-	Specific Information				
Primary Secto	or: <u>S</u> Primary Subsector: <u>S'</u>	1			
Primary SIC (Code: 4512				
If you are a S	ector S (Air Transportation) facility, do you anticipate using more than 100,000 gall	lons of pure glycol in glycol-ba	sed deicing fluid	s and/or 100 to	ns or more of urea on an average annual basis? N
Discharge Info	rmation				
expressly aut including the authorized st	horized in this permit cannot become authorized or shielded from liability under C Notice of Intent (NOI) to be covered by the permit, the Stormwater Pollution Preve ormwater and non-stormwater discharges listed in Parts 1.2.1 and 1.2.2 will be disc	WA section 402(k) by disclosu ention Plan (SWPPP), during an charged, they must be covered	e to EPA, state, o inspection, etc. I under another N	or local authori f any discharg PDES permit.	ties after issuance of this permit via any means, es requiring NPDES permit coverage other than the
Federa	I Effluent Limitation Guidelines ffluent Limitation Guideline(s) that apply to your stormwater discharges.				
Federa	I Effluent Limitation Guidelines ffluent Limitation Guideline(s) that apply to your stormwater discharges.		Affected MSGP Sector	New Source Date	Angleshilty
Federa Identify the E 40 CFR Part/Subpar Part 449	I Effluent Limitation Guidelines ffluent Limitation Guideline(s) that apply to your stormwater discharges. t Eligible Discharges Existing and new primary airports with 1,000 or more annual jet departures that d	ilscharge wastewater	Affected MSGP Sector S	New Source Date 06/15/2012	Applicability Does your facility have any discharges subject to
Identify the E	I Effluent Limitation Guidelines ffluent Limitation Guideline(s) that apply to your stormwater discharges. t Eligible Discharges Existing and new primary airports with 1,000 or more annual jet departures that d associated with airfield pavement deicing that contains urea commingled with store	ilscharge wastewater ormwater	Affected MSGP Sector S	New Source Date 06/15/2012	Applicability Does your facility have any discharges subject to this effluent limitation guideline? No
Federa Identify the E 40 CFR Part/Subpar Part 449	I Effluent Limitation Guidelines ffluent Limitation Guideline(s) that apply to your stormwater discharges. t Eligible Discharges Existing and new primary airports with 1,000 or more annual jet departures that dassociated with airfield pavement deicing that contains urea commingled with store	tischarge wastewater ormwater	Affected MSGP Sector S	New Source Date 06/15/2012	Applicability Does your facility have any discharges subject to this effluent limitation guideline? <u>No</u>
Identify the E	I Effluent Limitation Guidelines ffluent Limitation Guideline(s) that apply to your stormwater discharges. t Eligible Discharges Existing and new primary airports with 1,000 or more annual jet departures that d associated with airfield pavement deicing that contains urea commingled with stress esting permit coverage for any stormwater discharges subject to effluent limitation	tischarge wastewater ormwater n guidelines? <u>No</u>	Affected MSGP Sector S	New Source Date 06/15/2012	Applicability Does your facility have any discharges subject to this effluent limitation guideline? <u>No</u>
Identify the E 40 CFR Part/Subpar Part 449 Are you requi	I Effluent Limitation Guidelines ffluent Limitation Guideline(s) that apply to your stormwater discharges. t Eligible Discharges Existing and new primary airports with 1,000 or more annual jet departures that dassociated with airfield pavement deicing that contains urea commingled with stores esting permit coverage for any stormwater discharges subject to effluent limitation Discharge Information	ilscharge wastewater ormwater n guldelines? <u>No</u>	Affected MSGP Sector S	New Source Date 06/15/2012	Applicability Does your facility have any discharges subject to this effluent limitation guideline? <u>No</u>
Federa Identify the E 40 CFR Part/Subpar Part 449 Are you requi	I Effluent Limitation Guidelines Iffuent Limitation Guideline(s) that apply to your stormwater discharges. t Eligible Discharges Existing and new primary airports with 1,000 or more annual jet departures that d associated with airfield pavement deicing that contains urea commingled with stress esting permit coverage for any stormwater discharges subject to effluent limitation Discharge Information pate the discharge of groundwater or spring water from your facility? No	fischarge wastewater ormwater n guidelines? <u>No</u>	Affected MSGP Sector S	New Source Date 06/15/2012	Applicability Does your facility have any discharges subject to this effluent limitation guideline? <u>No</u>
Identify the E do CFR Part/Subpar Part 449 Are you reque Other E Do you antici Does your fac	I Effluent Limitation Guidelines ffluent Limitation Guideline(s) that apply to your stormwater discharges. t Eligible Discharges Existing and new primary airports with 1,000 or more annual jet departures that dassociated with airfield pavement deicing that contains urea commingled with stores esting permit coverage for any stormwater discharges subject to effluent limitation Discharge Information pate the discharge of groundwater or spring water from your facility? No cillty discharge into a Municipal Separate Sewer System (MS4)? No	lischarge wastewater ormwater n guidelines? <u>No</u>	Affected MSGP Sector S	New Source 06/15/2012	Applicability Does your facility have any discharges subject to this effluent limitation guideline? <u>No</u>
Identify the E Identify the E Identify the E Part/Subpar Part/Subpar Part 449 Are you requi Other E Do you antici Does your fac	I Effluent Limitation Guidelines ffluent Limitation Guideline(s) that apply to your stormwater discharges. t Eligible Discharges Existing and new primary airports with 1,000 or more annual jet departures that dassociated with airfield pavement deicing that contains urea commingled with stores esting permit coverage for any stormwater discharges subject to effluent limitation Discharge Information pate the discharge of groundwater or spring water from your facility? No cility discharge into a Municipal Separate Sewer System (MS4)? No	iischarge wastewater ormwater n guldelines? <u>No</u>	Affected MSGP Sector S	New Source Date	Applicability Does your facility have any discharges subject to this effluent limitation guideline? <u>No</u>
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Is this receiving water saltwater or freshwater? Freshwater

Is this receiving water designated by the state or tribal authority under i and wildlife and recreation in and on the water)? \underline{No}	its antidegradation policy as a Tier 2 (or Tier 2.5) water (water qua	lity exceeds levels necessary to support propagation of fish, shellfish,
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Benchmark Monitoring Are you subject to benchmark monitoring requirements for a hardness-	dependent metal? <u>No</u>	
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Discharge Point 003: Culvert on Highway halfw	vay down 3-21	
Applicable Sectors		
Sector	Subsector	SIC/Activity Code
Image: Source of the state of the	S1 - Air Transportation Facilities	4512
Latitude/Longitude: <u>32.333541°N, 104.257749°W</u>	e point.	
Receiving Water		
CNIC Name	Waterhody Name	Listed Water ID:
GNIS Name: <u>n/a</u>	Waterbody Name: Unnamed arroyo	Listed Water ID: n/a
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GNIS Name: N2 Is this receiving water saltwater or freshwater? Freshwater Is this receiving water designated by the state or tribal authority under i and wildlife and recreation in and on the water)? No Will you have stormwater discharges from paved surfaces that will be in Benchmark Monitoring Are you subject to benchmark monitoring requirements for a hardness- Impaired Waters Monitoring NOTE: The information automatically populated in this section for determining on the GWA 303(d) list; if a TMDL has been completed for the receiving water or ord eater in the correct. Is the receiving water listed as impaired on the 303(d) list and in need of Has a TMDL been completed for this receiving waterbody? No Discharge Point 004: Culvert on highway at 21 Applicable Sectors Select the Sectors/Subsector(s) that apply to this discharge point.	Waterbody Name: Unnamed arroyo its antidegradation policy as a Tier 2 (or Tier 2.5) water (water quaintially sealed or re-sealed with coal-tar sealcoat where industrial and the receiving water is listed as impaired on the 303(d) list and in ne prody, and the TIMDL ID and pollutants for which there is a TIMDL may pollutants and TIMDLS and update the causes for the impairment and find the TIMDL ID and pollutants for which there is a TIMDL may pollutants and TIMDLS and update the causes for the impairment and find the TIMDL ID and pollutants for which there is a TIMDL may pollutants and TIMDLS and update the causes for the impairment and find the target of the impairment and find the target of target o	Listed Water ID: No Itity exceeds levels necessary to support propagation of fish, shellfish, activities are located during coverage under this permit? No ed of a TMDL, the cause(s) of the impairment if the receiving water is impaired be outdated and inaccurate. It is recommended that you consult with your TMDL information accordingly. Educated and inaccurate. It is recommended that you consult with your TMDL information accordingly.

 $\hfill\square$ This discharge point is Substantially Identical to an existing discharge point.

Receiving Water

GNIS Name Pecos River

Waterbody Name: PECOS RIVER (BLACK RIVER TO LOWER TANSIL LAKE) Listed Water ID: NM-2202.A_00

Is this receiving water saltwater or freshwater? Freshwater

Is this receiving water designated by the state or tribal authority under its antidegradation policy as a Tier 2 (or Tier 2.5) water (water quality exceeds levels necessary to support propagation of fish, shellfish, and wildlife and recreation in and on the water)?

No

Will you have stormwater discharges from paved surfaces that will be initially sealed or re-sealed with coal-tar sealcoat where industrial activities are located during coverage under this permit? No

Benchmark Monitoring

Are you subject to benchmark monitoring requirements for a hardness-dependent metal? No

Impaired Waters Monitoring

NOTE: The information automatically populated in this section for determining if the receiving water is listed as impaired on the 303(d) list and in need of a TMDL, the cause(s) of the impairment if the receiving water is impaired on the CWA 303(d) list, if a TMDL has been completed for the receiving waterbody, and the TMDL ID and pollutants for which there is a TMDL may be outdated and inaccurate. It is recommended that you consult with your state's guidance for discharges into impaired waters to determine the correct pollutants and TMDLS and update the causes for the impairment and TMDL information accordingly.

Is the receiving water listed as impaired on the 303(d) list and in need of a TMDL? No

Has a TMDL been completed for this receiving waterbody? No

Discharge Point 005: To Dark Canyon

Applicable Sectors

Select the Sectors/Subsector(s) that apply to this discharge point.

	Sector	Subsector	SIC/Activity Code
ſ₽	S - AIR TRANSPORTATION FACILITIES	S1 - Air Transportation Facilities	4512

Latitude/Longitude: 32.353537°N, 104.258955°W

□ This discharge point is Substantially Identical to an existing discharge point.

Receiving Water

GNIS Name:		
Giulo Maine.		
n/a		

Waterbody Name:

Unnamed arroyo

Ext.:

Listed Water ID: n/a

Is this receiving water saltwater or freshwater? Freshwater

Is this receiving water designated by the state or tribal authority under its antidegradation policy as a Tier 2 (or Tier 2.5) water (water quality exceeds levels necessary to support propagation of fish, shellfish, and wildlife and recreation in and on the water)?

NU

Will you have stormwater discharges from paved surfaces that will be initially sealed or re-sealed with coal-tar sealcoat where industrial activities are located during coverage under this permit? No

Benchmark Monitoring

Are you subject to benchmark monitoring requirements for a hardness-dependent metal? No

Impaired Waters Monitoring

NOTE: The information automatically populated in this section for determining if the receiving water is listed as impaired on the 303(d) list and in need of a TMDL, the cause(s) of the impairment if the receiving water is impaired on the CWA 303(d) list, if a TMDL has been completed for the receiving waterbody, and the TMDL ID and pollutants for which there is a TMDL may be outdated and inaccurate. It is recommended that you consult with your state's guidance for discharges into impaired waters to determine the correct pollutants and TMDLS and update the causes for the impairment and TMDL information accordingly.

Is the receiving water listed as impaired on the 303(d) list and in need of a TMDL? No

Has a TMDL been completed for this receiving waterbody? $\underline{\rm No}$

SWPPP Information

Has the SWPPP been prepared in advance of filing this NOI, as required? Yes

SWPPP Contact Information: First Name Middle Initial Last Name: Richard Aguilar

Email: rlaguilar@cityofcarlsbadnm.com

SWPPP Availability:

Your current SWPPP or certain information from your SWPPP must be made available through one of the following three options. Select one of the options and provide the required information.

Note: you are not required to post any confidential business information (CBI) or restricted information (as defined in Appendix A (https://www.epa.gov/sites/production/files/2021-01/documents/2021_msgp_-_appendix_a_-_definitions.pdf)) (such information may be redacted), but you must clearly identify those portions of the SWPPP that are being withheld from public access.

Option 1: Attach a current copy of your SWPPP to this NOI.

☑ Option 2: Maintain a Current Copy of your SWPPP on an Internet page (Universal Resource Locator or URL).

Provide the web address URL (e.g. http://www.example.com): https://www.cityofcansbadnm.com

□ Option 3: Provide the following information from your SWPPP:

Endangered Species Protection Worksheet: Criterion A

The following questions will help you determine your eligibility under Part 1.1.4 of the permit with respect to protection of Endangered Species Act (ESA) species and critical habitat(s). Please refer to Appendix E (https://www.epa.gov/sites/production/files/2021-01/documents/2021_mgp__appendix e__procedures_relating_to_endangered_species_protection.pdf) of the 2021 MSGP for important information regarding your obligations under this permit concerning ESA-protected species and critical habitat(s).

Determine ESA Eligibility Criterion

Are your industrial activities already addressed in another operator's valid certification of eligibility for your "action area" under eligibility criteria A, C, D, or E of the 2021 MSGP? No

Are your industrial activities the subject of a permit under section 10 of the ESA by the USFWS and/or NMFS, and this authorization addresses the effects of your facility's discharges and discharge-related activities on ESA-listed species and critical habitat?

No

You must determine whether species listed as either threatened or endangered under the Endangered Species Act, and/or their critical habitat are located in your facility's action area. ESA-listed species and critical habitat are under the purview of the NMFS and the USFWS.

Determine Your Action Area

Your "action area" (as defined in Appendix A (https://www.epa.gov/sites/production/files/2021-01/documents/2021_msgp__appendix_a__definitions.pdf)) includes all areas to be affected directly or indirectly by the action and not merely the immediate area involved in the action, including areas beyond the footprint of the facility that are likely to be affected by stormwater discharges, discharge-related activities, and authorized non-stormwater discharges. You must select and confirm that all the following are true:

- In determining my "action area", I have considered that discharges of pollutants into downstream areas can expand the action area well beyond the footprint of my facility and the discharge point(s). I have taken into account the controls I will be implementing to minimize pollutants and the receiving waterbody characteristics (e.g. perennial, intermittent, ephemeral) in determining the extent of physical, chemical, and/or biotic effects of the discharges. I confirm that all receiving waterbodies that could receive pollutants from my facility are included in my action area.
 True
- In determining my "action area", I have considered that discharge-related activities must also be accounted for in determining my action area. I understand that discharge-related activities are any activities that cause, contribute to, or result in stormwater and authorized non-stormwater point source discharges, and measures such as the siting, construction, and operation of stormwater controls to control, reduce, or prevent pollutants from being discharged. I understand that any new or modified stormwater controls that will have noise or other similar effects, and any disturbances associated with construction of controls, are part of my action area.
 True

Provide a written description of your action area and explain your rationale for the extent of the action area drawn on your map. Click here for an example.

airport area

Attach a map of the action area for your facility. Mapping tool IPaC (the Information, Planning, and Consultation System) located at http://ecos.fws.gov/ipac/ (https://ecos.fws.gov/ipac/) or click here (/netmsgp/documents/action_area_example.pdf) for an example.

Name	Uploaded Date	Size
CNM iPAC for SWPPP.pdf (attachment/718871)	05/28/2021	11.93 MB

Determine if ESA-listed species and/or critical habitat are in your facility's action area.

ESA-listed species and critical habitat are under the purview of the NMFS and the USFWS, and in many cases, you will need to acquire species and critical habitat lists from both federal agencies.

National Marine Fisheries Service (NMFS)

To obtain NMFS-listed species and critical habitat information, use the resources listed below:
General Resources: NOAA Fisheries, Regions Page (https://www.fisheries.noaa.gov/regions) 6
For the Northeastern U.S.: NOAA Fisheries Greater Atlantic Region ESA Section 7 Mapper (https://noaa.maps.arcgis.com/apps/webappviewer/index.html?id=1bc332edc5204e03b250ac11f9914a27)
For Puerto Rico: Acropora critical habitat map (https://www.fisheries.noaa.gov/resource/map/acropora-elkhorn-and-staghorn-coral-critical-habitat-map-and-gis-data) Green turtle critical habitat map (https://www.fisheries.noaa.gov/resource/map/green-turtle-critical-habitat-map-and-gis-data) Hawksbill Turtle critical habitat map (https://www.fisheries.noaa.gov/resource/map/facen-turtle-critical-habitat-map-and-gis-data)
Western U.S.: West Coast Region Protected Resources App (https://www.webapps.nwfsc.noaa.gov/portal/apps/webappviewer/index.html?/d=7514c715b8594944a6e468dd25aaacc9)
Pacific Islands: Contact the Pacific Islands Regional Office at (808) 725-5000 or pirohonolulu@noaa.gov (mailto:pirohonolulu@noaa.gov)

I have checked the webpages listed above and confirmed that: There are no NMFS-listed species and/or critical habitat in my action area.

U.S. Fish and Wildlife Service (USFWS)		
To obtain FWS-listed species and critical habitat information, use the resources listed below: IPaC (the Information, Planning, and Consultation System) (https://ecos.fws.gov/ipac/) For instructions for using IPaC, click here.		
I have checked the webpages listed above and confirmed that: There are no FWS-listed species and/or critical habitat in my action area.		
You are eligible under Criterion A		
Identify the USFWS and NMFS information sources used (Note: state resources are not acceptable):		
iPAC		
You must attach copies of any letters or other communications with the USFWS or NMFS. Attaching aerial image(s) of the site to this NOI is helpful to EPA, USFWS, and NMFS in confirming eligibility under this criterion.		
Name	Uploaded Date	Size
▲ CNM iPAC for SWPPP.pdf (attachment/718873)	05/28/2021	11.93 MB
The following questions will help you determine your eligibility under Part 1.1.5 of the permit with respect to preservation of hit	toric properties. You may still use the paper instructi	ons in Appendix F
The following questions will help you determine your eligibility under Part 1.1.5 of the permit with respect to preservation of hin (https://www.epa.gov/sites/production/files/2021-01/documents/2021_msgpappendix_fprocedures_relating_to_historic_p answering the questions in this section of the form. For more information about your State Historic Preservation Office (SHPO) (NPS) websites at: • State Historic Preservation Office (SHPO) (https://www.nps.gov/subjects/nationalregister/state-historic-preservation- • Tribal Historic Preservation Office (THPO) (https://www.nps.gov/listory/tribes/Tribal_Historic Preservation_Officers_I Are you an existing facility that is resubmitting for certification under the 2021 MSGP? Yes • If you are an existing facility you should have already addressed National Historic Preservation Act (NHPA) issues. To ga not affecting historic properties or had obtained written agreement from the relevant SHPO or THPO regarding methods of Will you be constructing or installing any <u>new</u> stormwater control measures? <u>No</u> You are eligible under Criterion A.	storic properties. You may still use the paper instruction roperties_preservation.pdf) of the MSGP in advance of or Tribal Historic Preservation Office (THPO), please ffices.htm) frogram.htm) n coverage under the 2015 MSGP, you were required to f mitigating potential impacts.	ons in Appendix F or in conjunction with visit the National Park Service to certify that you were either
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ATTACHMENT I – 2021 MSGP

https://www.epa.gov/npdes/stormwater-discharges-industrial-activities-epas-2021-msgp