Stormwater Pollution Prevention Plan

for:

Socorro Municipal Airport
300 Airport Road
Socorro, NM 87801
575-838-6357

SWPPP Contact(s):

City of Socorro
Donald Monette
PO Box K
Socorro, NM 87801
575-838-7575

SWPPP Preparation Date:

05/28/2021

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SECTION 1: FACILITY DESCRIPTION AND CONTACT INFORMATION

1.1 Facility Information.

Facility Information

Facility Name: Socorro Municipal Airport

Street/Location: 300 Airport Road

City: Socorro State: NM ZIP Code: 87801

County or Similar Government Subdivision: Socorro County, NM

NPDES ID (i.e., permit tracking number): _____ (if covered under a previous permit)

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

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

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

Latitude/Longitude

Latitude: 34.0121 º N (decimal degrees)

Longitude: 106.5411 º W (decimal degrees)

Method for determining latitude/longitude (check one):

☐Maps (If USGS topographic map used, specify scale:_____) ☐GPS

☐Other (please specify):

Horizontal Reference Datum (check one):

☐NAD 27 ☐NAD 83 ☐WGS 84

Is the facility located in Indian country? ☐ Yes ☒ No

If yes, provide the name of the Indian tribe associated with the area of Indian country (including name of Indian reservation, if applicable).

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. ☐ Yes ☒ No

Estimated area of industrial activity at your facility exposed to stormwater: 17
(to the nearest quarter acre)

Discharge Information

Does this facility discharge stormwater into a municipal separate storm sewer system (MS4)?
☐ Yes ☒ No

If yes, name of MS4 operator: _____

Name(s) of surface water(s) that receive stormwater from your facility: Rio Grande

Does this facility discharge industrial stormwater 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)? ☐ Yes ☒ No

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

1.2 Contact Information/Responsible Parties.

Facility Operator(s):

Name: City of Socorro
Address: PO Box K
City, State, Zip Code: Socorro, NM 87801
Telephone Number: 575-838-7526
Email address: dmonette@socorronm.gov
Fax number: N/A

Facility Operator:

Name: PHI
Address:
City, State, Zip Code: Socorro, NM 87801
Telephone Number:
Email address:
Fax number: N/A

Facility Owner(s):

Name: City of Socorro
Address: PO Box K
City, State, Zip Code: Socorro, NM 87801
Telephone Number: 575-838-7526
Email address: dmonette@socorronm.gov
Fax number: N/A

SWPPP Contact(s):

SWPPP Contact Name (Primary): Isaac Angel
Telephone number: 575-507-2800
Email address: iangel@socorronm.gov
Fax number: N/A

SWPPP Contact Name (Backup): Donald Monette, City Treasurer/Administrator
Telephone number: 575-838-7526
Email address: dmonette@socorronm.gov
Fax number: N/A

SWPPP Contact Name (Backup): Deanna Saenz
Telephone number: 575-835-0240
Email address: daragon@socorronm.gov
Fax number: N/A

1.3 Stormwater Pollution Prevention Team.

Staff Names	Individual Responsibilities
Donald Monette	City Clerk/Administrator, responsible for overall municipal government staff and operation
Isaac Angel	Natural Gas Department Director, airport manager. Responsible for airport operations, maintenance and oversight
Deanna Saenz	Natural Gas Department Admin. Assistant, Airport operations admin. Assistant.

1.4 Site Description.

General aviation airport with two runways, a single parallel taxiway, parking apron and some minor taxilanes. There is a City owned self service fuel farm on the parking apron. The airport is small and typical annual operations are low. There are no aircraft maintenance or repair facilities on the airport. The airport has a terminal building and pilot's lounge. The airport is not fully staffed by the City. The gas department director is responsible for the airport maintenance and inspections.

The airport consists of some 1,700 acres of land, but only 17 acres are in what is termed the industrial area, that being hangars, parking aprons, etc. Air traffic is mostly small, piston engine aircraft but a few jet aircraft visit the airport each year. Jet fuel is not available at this airport. Only one tank of 100LL is available to pilots.

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.

The industrial area map for this facility 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.

2.1 Potential Pollutants Associated with Industrial Activity.

Activity and Location Nos. (See Attachments B and C)	Pollutant Source	Pollutant
Waste Oil Storage (Terminal Apron	• External Corrosion and structural Failure • Spills and leaks during addition/recycling of waste oil	• Oil and Grease • Heavy metals
Aircraft fueling Aircraft defueling Aircraft Parking (Terminal Apron)	• 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 Fuel Farm	• 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 (Terminal Apron)	• 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 (Terminal Apron	• Leaking aircraft fluids (engine and hydraulic oils, fuel)	• Aircraft Fuel (AV Gas, Jet A) • Oil and Grease • Heavy metals

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?

☐ Yes ☒ No

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

☐ Yes ☒ No

2.2 Spills and Leaks.

Areas of Site Where Potential Spills/Leaks Could Occur

Location	Discharge Points
Airport fuel farm	Located North of Terminal. Permitted and inspected by NMED
Runways	Various outfalls, see Attachment B
Parking Apron	Various outfalls, see Attachment B

Description of Past Spills/Leaks

Date	Description	Discharge Points
None	None known of or reported	None

2.3 Unauthorized Non-stormwater Discharges Evaluation.

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

- Date of evaluation: 2020
- Description of the evaluation criteria used: Visual inspection of the airport environs, drainage, evidence of spills, leaks or other impacts to the SWPPP
- List of the discharge points or onsite drainage points that were directly observed during the evaluation: See map in Attachment B. Coordinates for discharge points provided in later sections.
- 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: Culverts, channels and discharge points cleared of debris.

2.4 Salt Storage.

None at this airport.

2.5 Sampling Data Summary.

None at this airport. Not required.

SECTION 3: STORMWATER CONTROL MEASURES (SCM)

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

3.1.1 Minimize Exposure.

Aircraft fueling is the major industrial activity at the facility that are exposed to the elements of stormwater runoff. Aircraft fueling is conducted on the aircraft parking area on the north side and is a self-service fueling operation. Good housekeeping practices are followed to prevent or minimize spills at the fueling locations.

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 three outlets of runoff from the Socorro Municipal Airport., Due to the relatively flat terrain, the permeable soil type, and the grass cover, runoff from storm events is reduced to a minimum. Culverts pass water beneath paved areas and then open, natural channels convey runoff to the airport boundary. Downstream, the runoff is handled by other entities such as the NMDOT and the MRGCD to the Rio Grande.

3.1.7 Salt Storage Piles or Piles Containing Salt.

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

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

1. Aircrafts, ground vehicles, and equipment awaiting maintenance will be stored indoors, in designated areas where possible.
2. Drip pans will be used to collect fluid leaks in storage areas.
3. 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. No de-icing occurs at this airport.

3.4.7 Management of Runoff

1. Where deicing operations occur, a program to control or manage contaminated runoff to minimize the amount of pollutants being discharged will be implemented. No de-icing occurs at this airport.

2. Whenever and where possible, a dedicated deicing facility with a runoff collection/recovery system will be provided. No de-icing occurs at this airport.

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. No de-icing occurs at this airport.

SECTION 4: SCHEDULES AND PROCEDURES

4.1 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. 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.

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. Stormwater Controls will be keep in good condition to operate as designed.
3. Adequate amounts of spill response material will be readily available for emergency use.
4. 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.

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.

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:

1. Person(s) or positions of person(s) responsible for inspection. Isaac Angel, Gas Department Director and Airport Manager. He and his staff are responsible for SWPPP inspections. At least one member of the stormwater team will be present for the inspection.
2. 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

- 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.

3. 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.
4. Areas where spills and leaks have occurred in the past three years. None.
5. Inspection information for discharge points.
    a. DP 1 34.028118 -106.904250
    b. DP 2 34.013069 -106.895693
    c. DP 3 34.013321 -106.898149
    d. DP 4 34.026535 -106.894955
6. 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 off-site. 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.

For quarterly visual assessments to be performed at your site, your SWPPP must include a description of the following:

1. Person(s) or positions of person(s) responsible for assessments. Isaac Angel and Deanna Saenz will be responsible for the inspections. Such inspections may be assigned to staff, after proper training.
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 to unnamed arroy0s which flow to the Rio Grande. 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.

There is no full time airport manager assigned to this airport. The airport manager is the gas department director and he and his staff are assigned to airport management operations.

4.7 Monitoring.

Check the following monitoring activities applicable to your facility:

☐ Indicator monitoring

☐ Benchmark monitoring

☐ Effluent limitations guidelines monitoring

☐ State- or tribal-specific monitoring

☐ Impaired waters monitoring

☐ Other monitoring required by EPA

There are no monitoring requirements at this airport.

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 Socorro Municipal Airport does not have any critical habitat found within the facility area. The listed species that could be potentially occurring are the New Mexico Meadow Jumping Mouse, Mexican Spotted Owl, the Northern Aplomado Falcon, the Piping Plover, the Southern Willow Flycatcher, and the New Mexico Meadow Jumping Mouse, Mexican Spotted Owl, Piping Plover, Southwest Willow Flycatcher, the yellow billed cuckoo, and the Chiricahua Leopard Frog. Due to the Socorro airport being in continuous operation for over 40 years, these species are unlikely to be occurring in the facility area as the habitat is not conducive for their presence.

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

The Socorro Municipal Airport 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.

City of Socorro, NM:

Name: _____ Title: _____

Signature: _____ Date: _____

Air Methods, dba Native Air:

Name: _____ Title: _____

Signature: _____ Date: _____

SECTION 8: SWPPP MODIFICATIONS

Instructions (see 2021 MSGP Part 6.3):

Your SWPPP is a "living" document and is required to be modified and updated, as necessary, in response to corrective actions and deadlines. See Part 5 of the 2021 MSGP.

- If you need to modify the SWPPP in response to a corrective action required by Part 5.1 or AIM required by Part 5.2 of the 2021 MSGP, then the certification statement in section 7 of this SWPPP template must be re-signed in accordance with 2021 MSGP Appendix B, Subsection 11.A.
- For any other SWPPP modification, you should keep a log with a description of the modification, the name of the person making it, and the date and signature of that person. See 2021 MSGP Appendix B, Subsection 11.C.

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:

- Onsite industrial activities exposed to stormwater, including potential spill and leak areas;
- 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;
- 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
- 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

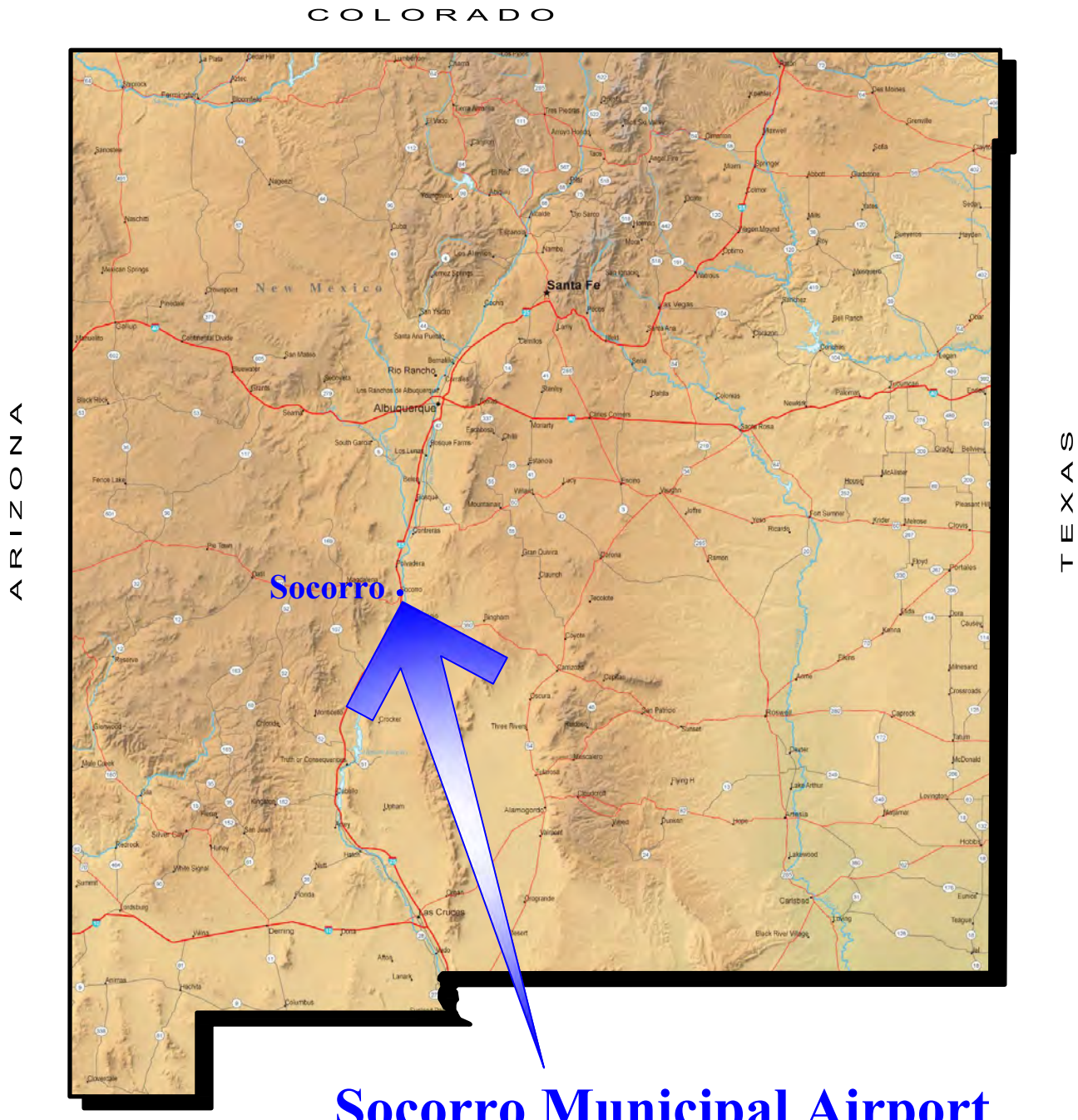
Attachment G – Additional SWPPP Documents

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



Socorro Municipal Airport

City of Socorro, New Mexico

Socorro County

MOLZENCORBIN

ATTACHMENT A

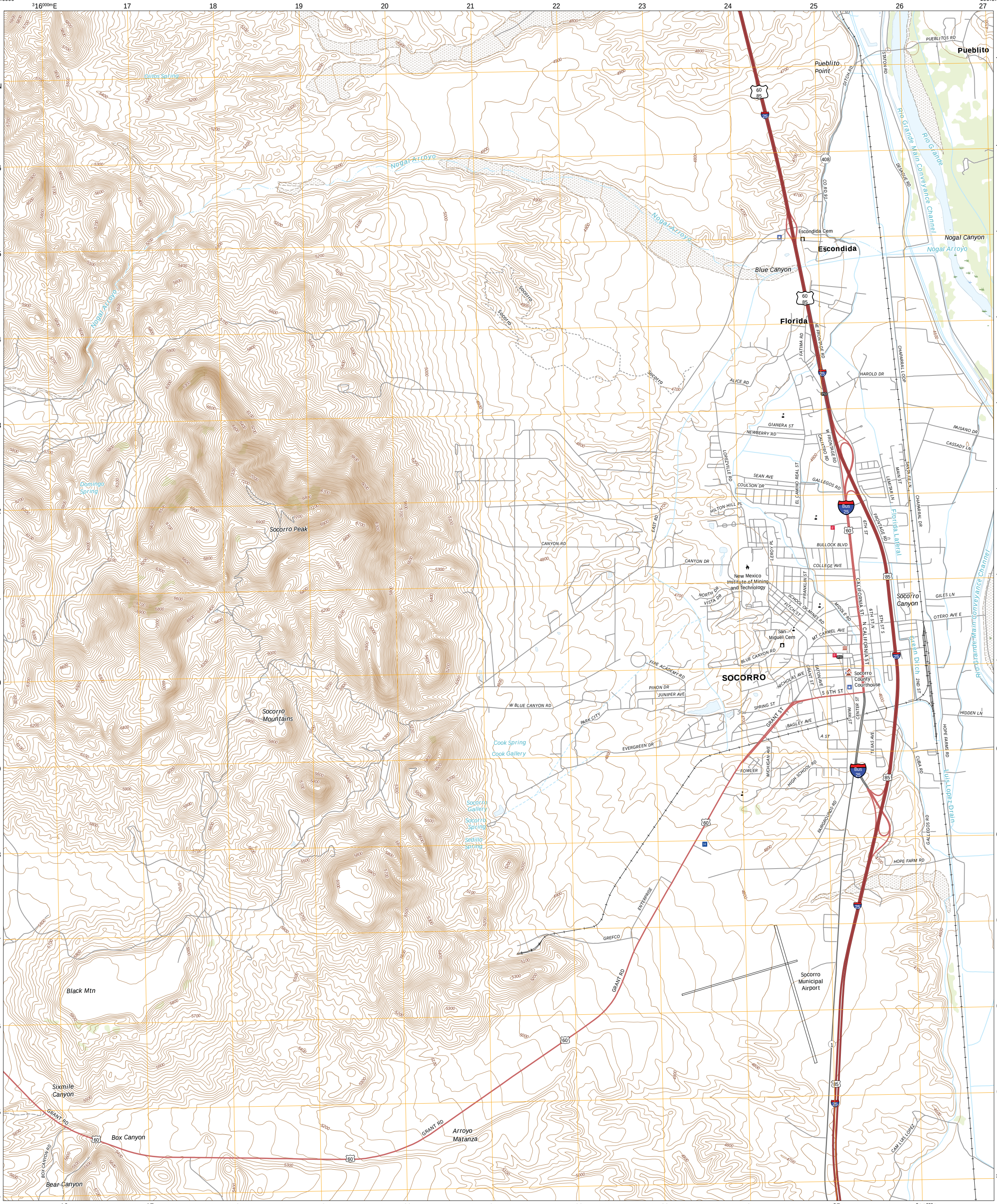
Project Location

ATTACHMENT B – SITE MAP

U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

The National Map
US Topo

SOCORRO QUADRANGLE
NEW MEXICO - SOCORRO COUNTY
7.5-MINUTE SERIES



Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and 1 000-meter grid:Universal Transverse Mercator, Zone 13S

This map is not a legal document. Boundaries may be generalized for this map scale. Private lands within government reservations may not be shown. Obtain permission before entering private lands.

Imagery........NAIP, May 2016 - August 2016
Roads........U.S. Census Bureau, 2016
Names........GNIS, 1980 - 2019
Hydrography........National Hydrography Dataset, 2002 - 2019
Contours........National Elevation Dataset, 1999
Boundaries........Multiple sources; see metadata file 2017 - 2018
Public Land Survey System........BLM, 2019
Wetlands........FWS National Wetlands Inventory 2002

UTM GRID AND 2019 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

U.S. National Grid
100,000 - m Square ID
CT
Grid Zone Designation 13S

SCALE 1:24 000

CONTOUR INTERVAL 20 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988

This map was produced to conform with the National Geospatial Program US Topo Product Standard, 2011.
A metadata file associated with this product is draft version 0.6.18

QUADRANGLE LOCATION

ADJOINING QUADRANGLES
1 San Lorenzo Spring
2 Lemitar
3 Mesa Del Yeso
4 Water Canyon
5 Loma De Las Canas
6 Molino Peak
7 Luis Lopez
8 San Antonio

ROAD CLASSIFICATION
Expressway
Secondary Hwy
Ramp
Local Connector
Local Road
4WD
Interstate Route
US Route
State Route

SOCORRO, NM
2020

NSN. 7643016384164
NGA REF NO. USGSX24K41965

ATTACHMENT C – INDUSTRIAL AREA MAP

ONM Industrial Area
(18 acres)

ATTACHMENT D – IPAC SPECIES LIST

IPaC **U.S. Fish & Wildlife Service**

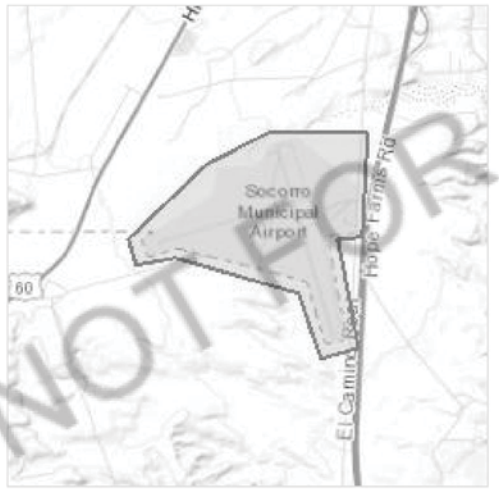
IPaC resource list

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.

Location

Socorro 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

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 project-specific 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 Ecological Services Program of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries[2]).

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

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

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

Mammals

NAME	STATUS

New Mexico Meadow Jumping Mouse Zapus hudsonius luteus — Endangered
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/7965

Birds

NAME	STATUS

Mexican Spotted Owl Strix occidentalis lucida — 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/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

Southwestern Willow Flycatcher Empidonax traillii extimus — Endangered
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/6749

Yellow-billed Cuckoo Coccyzus americanus — Threatened
There is **final** critical habitat for this species. The location of the critical habitat is not available.
https://ecos.fws.gov/ecp/species/3911

Amphibians

NAME	STATUS

Chiricahua Leopard Frog Rana chiricahuensis — 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/1516

Fishes

NAME	STATUS

NAME	STATUS
Rio Grande Silvery Minnow Hybognathus amarus There is **final** critical habitat for this species. The location of the critical habitat is not available. https://ecos.fws.gov/ecp/species/1391	Endangered

Snails

NAME	STATUS
Alamosa Springsnail Tryonia alamosae Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/4371	Endangered
Chupadera Springsnail Pyrgulopsis chupaderae 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/6644	Endangered
Socorro Springsnail Pyrgulopsis neomexicana Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/2806	Endangered

Crustaceans

NAME	STATUS
Socorro Isopod Thermosphaeroma thermophilus Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/2470	Endangered

Flowering Plants

NAME	STATUS
Pecos (=puzzle, =paradox) Sunflower Helianthus paradoxus 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/7211	Threatened
Wright's Marsh Thistle Cirsium wrightii There is **proposed** critical habitat for this species. The location of the critical habitat is not available. https://ecos.fws.gov/ecp/species/8963	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[1] and the Bald and Golden Eagle Protection Act[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 below.

1. The Migratory Birds Treaty Act of 1918.
2. The Bald and Golden Eagle Protection Act 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 http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/conservation-measures.php
- Nationwide conservation measures for birds http://www.fws.gov/migratorybirds/pdf/management/nationwidestandardconservationmeasures.pdf

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

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

NAME

BREEDING SEASON (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.)

Bald Eagle Haliaeetus leucocephalus This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. https://ecos.fws.gov/ecp/species/1626	Breeds Oct 15 to Jul 31
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
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	Breeds Dec 1 to Aug 31
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	Breeds elsewhere
Virginia's Warbler Vermivora virginiae This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9441	Breeds May 1 to Jul 31

Probability of Presence Summary

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

Probability of Presence (■)

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

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

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

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

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

To see a bar's survey effort range, simply hover your mouse cursor over the bar.

No Data (–)
A week is marked as having no data if there were no survey events for that week.

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

probability of presence breeding season | survey effort – no data

SPECIES	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC

Bald Eagle
Non-BCC Vulnerable (This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.)

Black Throated Sparrow
BCC - BCR (This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA)

Golden Eagle
BCC - BCR (This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA)

Long-billed Curlew
BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)

Virginia's Warbler
BCC Rangewide (CON) (This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.)

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

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

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

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

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

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

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

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

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

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

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

What are the levels of concern for migratory birds?

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

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

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

Details about birds that are potentially affected by offshore projects

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

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

What if I have eagles on my list?

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

Proper Interpretation and Use of Your Migratory Bird Report

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

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

R4SB3J
R4SBJ

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.

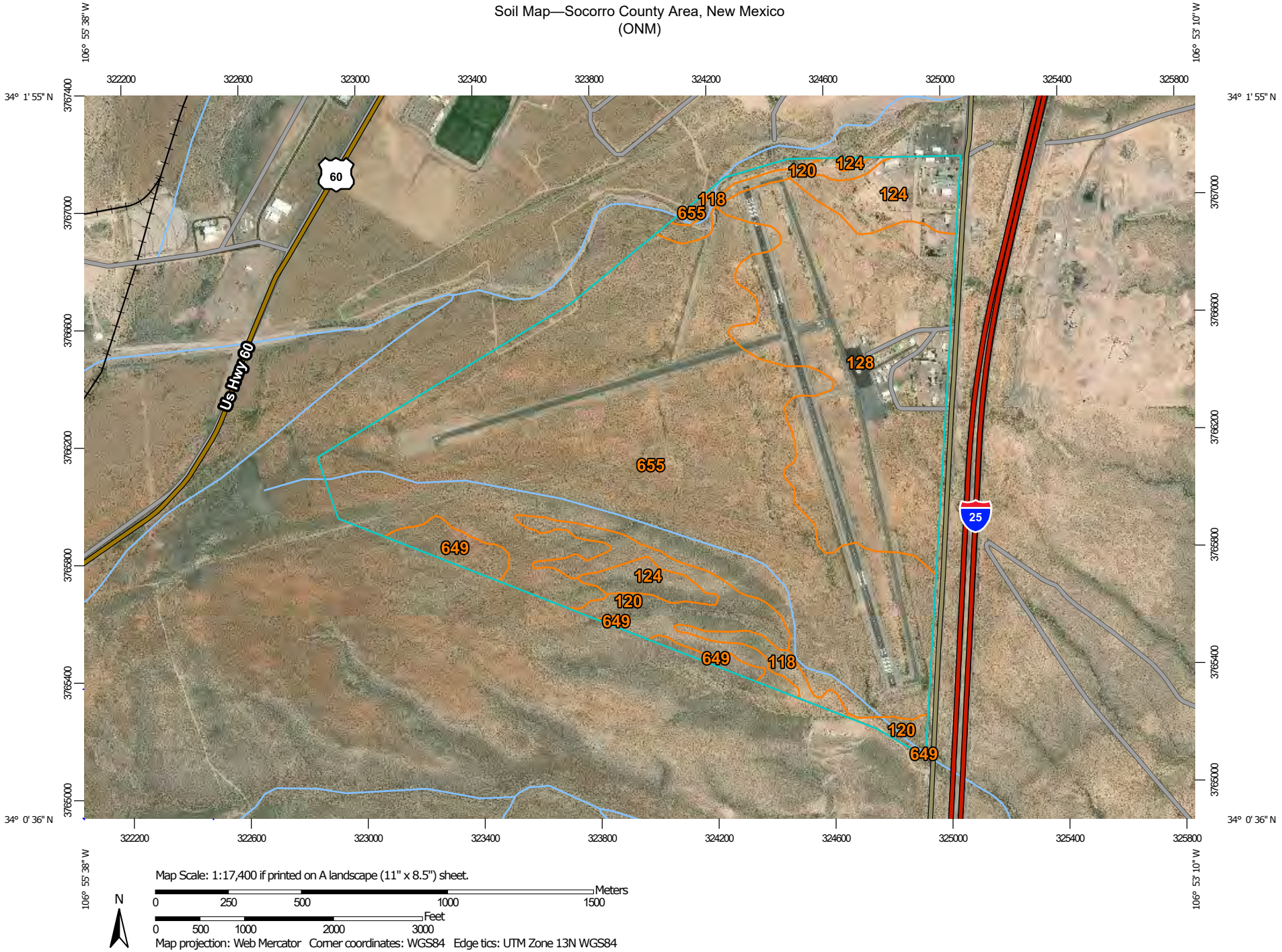
Some deepwater reef communities (coral or tuberficid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

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

Soil Map—Socorro County Area, New Mexico
(ONM)



Map Scale: 1:17,400 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 250 500 1000 1500

Feet: 0 500 1000 2000 3000

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 13N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Socorro County Area, New Mexico
Survey Area Data: Version 16, Jun 11, 2020

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jan 22, 2015—Oct 13, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
118	Arizo very stony loamy sand, 1 to 3 percent slopes	13.7	2.1%
120	Adelino variant-Caliza very stony sandy loams, 15 to 50 percent slopes	46.6	7.1%
124	Caliza very gravelly sandy loam, 1 to 7 percent slopes	35.7	5.4%
128	Turney variant gravelly sandy loam, 1 to 7 percent slopes	167.2	25.5%
649	Nickel-Caliza very gravelly sandy loams, 1 to 30 percent slopes	14.5	2.2%
655	Nolam gravelly sandy loam, 1 to 7 percent slopes	378.3	57.7%
Totals for Area of Interest		**656.0**	**100.0%**

ATTACHMENT F – AIRPORT MASTER RECORD

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

AIRPORT MASTER RECORD

PRINT DATE: 04/08/2021
AFD EFF 03/25/2021
FORM APPROVED OMB 2120-0015

> 1 ASSOC CITY:	SOCORRO	4 STATE: NM	LOC ID: ONM	FAA SITE NR: 14739.*A
> 2 AIRPORT NAME:	SOCORRO MUNI		5 COUNTY: SOCORRO, NM	
3 CBD TO AIRPORT (NM): 3 S		6 REGION/ADO: ASW /LNM	7 SECT AERO CHT: ALBUQUERQUE	

GENERAL

10 OWNERSHIP:	PUBLIC
> 11 OWNER:	CITY OF SOCORRO
> 12 ADDRESS:	PO BOX K SOCORRO, NM 87801
> 13 PHONE NR:	575-835-2490
> 14 MANAGER:	ISAAC ANGEL
> 15 ADDRESS:	PO BOX K SOCORRO, NM 87801
> 16 PHONE NR:	(505) 507-2800

> 17 ATTENDANCE SCHEDULE:

MONTHS	DAYS	HOURS
UNATNDD		

SERVICES

> 70 FUEL:	100LL
> 71 AIRFRAME RPRS:	
> 72 PWR PLANT RPRS:	
> 73 BOTTLE OXYGEN:	NONE
> 74 BULK OXYGEN:	NONE
75 TSNT STORAGE:	TIE
76 OTHER SERVICES:	AMB,INSTR

BASED AIRCRAFT

90 SINGLE ENG:	12
91 MULTI ENG:	0
92 JET:	0
93 HELICOPTERS:	1
TOTAL:	13
94 GLIDERS:	0
95 MILITARY:	0
96 ULTRA-LIGHT:	0

18 AIRPORT USE:	PUBLIC
19 ARPT LAT:	34-1-20.9N ESTIMATED
20 ARPT LONG:	106-54-11.3W
21 ARPT ELEV:	4875.2 SURVEYED
22 ACREAGE:	670
> 23 RIGHT TRAFFIC:	NO
> 24 NON-COMM LANDING:	NO
25 NPIAS/FED AGREEMENTS:	NGSY3
> 26 FAR 139 INDEX:	/

FACILITIES

> 80 ARPT BCN:	CG
> 81 ARPT LGT SKED:	SEE RMK
BCN LGT SKED:	SS-SR
> 82 UNICOM:	122.800
> 83 WIND INDICATOR:	YES-L
84 SEGMENTED CIRCLE:	YES
85 CONTROL TWR:	NO
86 FSS:	ALBUQUERQUE
87 FSS ON ARPT:	NO
88 FSS PHONE NR:	
89 TOLL FREE NR:	1-800-WX-BRIEF

OPERATIONS

100 AIR CARRIER:	0
102 AIR TAXI:	0
103 G A LOCAL:	2,500
104 G A ITNRNT:	2,000
105 MILITARY:	100
TOTAL:	4,600

OPERATIONS FOR 12 MONTHS ENDING 03/25/2020

RUNWAY DATA

		06/24	15/33
> 30 RUNWAY IDENT:		**06/24**	**15/33**
> 31 LENGTH:		4,590	5,841
> 32 WIDTH:		60	75
> 33 SURF TYPE-COND:		ASPH-G	ASPH-G
> 34 SURF TREATMENT:			
35 GROSS WT:	S		50.0
36 (IN THSDS)	D		75.0
37	2D		
38	2D/2DS		
> 39 PCN:		3/F/D/Y/T	9/F/D/Y/T
LIGHTING/APCH AIDS			
> 40 EDGE INTENSITY:		MED	MED
> 42 RWY MARK TYPE-COND:		BSC- G / BSC- G	NPI- / NPI-
> 43 VGSI:		/	V2L / V2L
44 THR CROSSING HGT:		/	25 / 26
45 VISUAL GLIDE ANGLE:		/	4.00 / 4.00
> 46 CNTRLN-TDZ:		- / -	- / -
> 47 RVR-RVV:		- / -	- / -
> 48 REIL:		/	/
> 49 APCH LIGHTS:		/	/
OBSTRUCTION DATA			
50 FAR 77 CATEGORY:		A(V) / A(V)	B(V) / C
> 51 DISPLACED THR:		/	186 / 182
> 52 CTLG OBSTN:		/	/
> 53 OBSTN MARKED/LGTD:		/	/
> 54 HGT ABOVE RWY END:		/	/
> 55 DIST FROM RWY END:		0 / 0	0 / 0
> 56 CNTRLN OFFSET:		/	/
57 OBSTN CLNC SLOPE:		30:1 / 50:1	50:1 / 50:1
58 CLOSE-IN OBSTN:		N / Y	Y / Y
DECLARED DISTANCES			
> 60 TAKE OFF RUN AVBL (TORA):		/	/
> 61 TAKE OFF DIST AVBL (TODA):		/	/
> 62 ACLT STOP DIST AVBL (ASDA):		/	/
> 63 LNDG DIST AVBL (LDA):		/	/

(>) ARPT MGR PLEASE ADVISE FSS IN ITEM 86 WHEN CHANGES OCCUR TO ITEMS PRECEDED BY >

> 110 REMARKS:

A 014	EMAIL: IANGEL@SOCORRONM.GOV
A 017	FOR EMERG CALL 505-507-2800.
A 042	RWY 33 RWY 33 MARKINGS FADED.
A 042	RWY 15 RWY 15 MARKINGS FADED.
A 057	RWY 33 RWY 33 0:1 TO DISPLACED THLD DUE TO +4-7 FT BRUSH AT DISPLACED THLD 100-250 FT RIGHT OF CNTRLN, 79-250 FT LEFT OF THE CNTRLN.
A 057	RWY 15 RWY 15 0:1 TO DISPLACED THLD DUE TO +3-4 FT BRUSH AT DISPLACED THLD, 90 FT RIGHT AND 90 FT LEFT OF CNTRLN.
A 058	RWY 24 RWY 24 +3 FT SCATTERED BRUSH 0 FT FM THLD, 80 FT RIGHT OF CNTRLN, 105-125 FT LEFT OF CENTERLINE

111 INSPECTOR: (C) 112 LAST INSP: 03/25/2020 113 LAST INFO REQ:

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

AIRPORT MASTER RECORD

PRINT DATE: 04/08/2021
AFD EFF 03/25/2021
FORM APPROVED OMB 2120-0015

> 1 ASSOC CITY:	SOCORRO	4 STATE: NM	LOC ID: ONM	FAA SITE NR: 14739.*A
> 2 AIRPORT NAME:	SOCORRO MUNI		5 COUNTY: SOCORRO, NM	
3 CBD TO AIRPORT (NM): 3 S		6 REGION/ADO: ASW /LNM	7 SECT AERO CHT: ALBUQUERQUE	

GENERAL

10 OWNERSHIP:	PUBLIC
> 11 OWNER:	CITY OF SOCORRO
> 12 ADDRESS:	PO BOX K SOCORRO, NM 87801
> 13 PHONE NR:	575-835-2490
> 14 MANAGER:	ISAAC ANGEL
> 15 ADDRESS:	PO BOX K SOCORRO, NM 87801
> 16 PHONE NR:	(505) 507-2800

> 17 ATTENDANCE SCHEDULE:

MONTHS	DAYS	HOURS
UNATNDD		

18 AIRPORT USE:	PUBLIC
19 ARPT LAT:	34-1-20.9N ESTIMATED
20 ARPT LONG:	106-54-11.3W
21 ARPT ELEV:	4875.2 SURVEYED
22 ACREAGE:	670
> 23 RIGHT TRAFFIC:	NO
> 24 NON-COMM LANDING:	NO
25 NPIAS/FED AGREEMENTS:	NGSY3
> 26 FAR 139 INDEX:	/

SERVICES

> 70 FUEL:	100LL
> 71 AIRFRAME RPRS:	
> 72 PWR PLANT RPRS:	
> 73 BOTTLE OXYGEN:	NONE
> 74 BULK OXYGEN:	NONE
75 TSNT STORAGE:	TIE
76 OTHER SERVICES:	AMB,INSTR

FACILITIES

> 80 ARPT BCN:	CG
> 81 ARPT LGT SKED:	SEE RMK
BCN LGT SKED:	SS-SR
> 82 UNICOM:	122.800
> 83 WIND INDICATOR:	YES-L
84 SEGMENTED CIRCLE:	YES
85 CONTROL TWR:	NO
86 FSS:	ALBUQUERQUE
87 FSS ON ARPT:	NO
88 FSS PHONE NR:	
89 TOLL FREE NR:	1-800-WX-BRIEF

BASED AIRCRAFT

90 SINGLE ENG:	12
91 MULTI ENG:	0
92 JET:	0
93 HELICOPTERS:	1
TOTAL:	13
94 GLIDERS:	0
95 MILITARY:	0
96 ULTRA-LIGHT:	0

OPERATIONS

100 AIR CARRIER:	0
102 AIR TAXI:	0
103 G A LOCAL:	2,500
104 G A ITNRNT:	2,000
105 MILITARY:	100
TOTAL:	4,600

OPERATIONS FOR 12 MONTHS ENDING 03/25/2020

RUNWAY DATA

> 30 RUNWAY IDENT:	
> 31 LENGTH:	
> 32 WIDTH:	
> 33 SURF TYPE-COND:	
> 34 SURF TREATMENT:	
35 GROSS WT:	S
36 (IN THSDS)	D
37	2D
38	2D/2DS
> 39 PCN:	

LIGHTING/APCH AIDS

> 40 EDGE INTENSITY:	
> 42 RWY MARK TYPE-COND:	
> 43 VGSI:	
44 THR CROSSING HGT:	
45 VISUAL GLIDE ANGLE:	
> 46 CNTRLN-TDZ:	
> 47 RVR-RVV:	
> 48 REIL:	
> 49 APCH LIGHTS:	

OBSTRUCTION DATA

50 FAR 77 CATEGORY:	
> 51 DISPLACED THR:	
> 52 CTLG OBSTN:	
> 53 OBSTN MARKED/LGTD:	
> 54 HGT ABOVE RWY END:	
> 55 DIST FROM RWY END:	
> 56 CNTRLN OFFSET:	
57 OBSTN CLNC SLOPE:	
58 CLOSE-IN OBSTN:	

DECLARED DISTANCES

> 60 TAKE OFF RUN AVBL (TORA):	
> 61 TAKE OFF DIST AVBL (TODA):	
> 62 ACLT STOP DIST AVBL (ASDA):	
> 63 LNDG DIST AVBL (LDA):	

(>) ARPT MGR PLEASE ADVISE FSS IN ITEM 86 WHEN CHANGES OCCUR TO ITEMS PRECEDED BY >

> 110 REMARKS:

A 058	RWY 33 RY 33 +4 FT BRUSH 10-100 FT FM THR LEFT AND RIGHT OF CNTRLN; -20FT DROPOFF 100 FT FM THR.
A 058	RWY 15 RWY 15 +3FT FENCE 80 FT FM THLD, 45 FT LEFT AND RIGHT OF CNTRLN. -40 FT DROPOFF 80 FT FM THLD LEFT AND RIGHT OF CNTRLN.
A 070	100LL AVBL 24 HOURS WITH MAJOR CREDIT CARD.
A 081	MIRL RY 15/33 PRESET LOW INTST; TO INCR INTST & ACTVT MIRL RY 06/24 & VASI RYS 15 & 33 - CTAF.
A 110-001	GATE CODE 4850.
A 110-002	RY 15/33 +4-7 FT BRUSH IN PRIMARY SFC 70 FT FM CNTRLN WEST SIDE, 95 FT FM CNTRLN EAST SIDE.
A 110-003	RY 06/24 +4-8 FT BRUSH IN PRIMARY SFC 50 FT FM CNTRLN SOUTH SIDE.

111 INSPECTOR: (C) 112 LAST INSP: 03/25/2020 113 LAST INFO REQ:

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

AIRPORT MASTER RECORD

PRINT DATE: 04/08/2021
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> 2 AIRPORT NAME:	SOCORRO MUNI		5 COUNTY: SOCORRO, NM	
3 CBD TO AIRPORT (NM): 3 S		6 REGION/ADO: ASW /LNM	7 SECT AERO CHT: ALBUQUERQUE	

GENERAL

10 OWNERSHIP:	PUBLIC
> 11 OWNER:	CITY OF SOCORRO
> 12 ADDRESS:	PO BOX K SOCORRO, NM 87801
> 13 PHONE NR:	575-835-2490
> 14 MANAGER:	ISAAC ANGEL
> 15 ADDRESS:	PO BOX K SOCORRO, NM 87801
> 16 PHONE NR:	(505) 507-2800

> 17 ATTENDANCE SCHEDULE:

MONTHS	DAYS	HOURS
UNATNDD		

18 AIRPORT USE:	PUBLIC
19 ARPT LAT:	34-1-20.9N ESTIMATED
20 ARPT LONG:	106-54-11.3W
21 ARPT ELEV:	4875.2 SURVEYED
22 ACREAGE:	670
> 23 RIGHT TRAFFIC:	NO
> 24 NON-COMM LANDING:	NO
25 NPIAS/FED AGREEMENTS:	NGSY3
> 26 FAR 139 INDEX:	/

SERVICES

> 70 FUEL:	100LL
> 71 AIRFRAME RPRS:	
> 72 PWR PLANT RPRS:	
> 73 BOTTLE OXYGEN:	NONE
> 74 BULK OXYGEN:	NONE
75 TSNT STORAGE:	TIE
76 OTHER SERVICES:	AMB,INSTR

FACILITIES

> 80 ARPT BCN:	CG
> 81 ARPT LGT SKED:	SEE RMK
BCN LGT SKED:	SS-SR
> 82 UNICOM:	122.800
> 83 WIND INDICATOR:	YES-L
84 SEGMENTED CIRCLE:	YES
85 CONTROL TWR:	NO
86 FSS:	ALBUQUERQUE
87 FSS ON ARPT:	NO
88 FSS PHONE NR:	
89 TOLL FREE NR:	1-800-WX-BRIEF

BASED AIRCRAFT

90 SINGLE ENG:	12
91 MULTI ENG:	0
92 JET:	0
93 HELICOPTERS:	1
TOTAL:	13
94 GLIDERS:	0
95 MILITARY:	0
96 ULTRA-LIGHT:	0

OPERATIONS

100 AIR CARRIER:	0
102 AIR TAXI:	0
103 G A LOCAL:	2,500
104 G A ITNRNT:	2,000
105 MILITARY:	100
TOTAL:	4,600

OPERATIONS FOR 12 MONTHS ENDING 03/25/2020

RUNWAY DATA

> 30 RUNWAY IDENT:	
> 31 LENGTH:	
> 32 WIDTH:	
> 33 SURF TYPE-COND:	
> 34 SURF TREATMENT:	
35 GROSS WT:	S
36 (IN THSDS)	D
37	2D
38	2D/2DS
> 39 PCN:	

LIGHTING/APCH AIDS

> 40 EDGE INTENSITY:	
> 42 RWY MARK TYPE-COND:	
> 43 VGSI:	
44 THR CROSSING HGT:	
45 VISUAL GLIDE ANGLE:	
> 46 CNTRLN-TDZ:	
> 47 RVR-RVV:	
> 48 REIL:	
> 49 APCH LIGHTS:	

OBSTRUCTION DATA

50 FAR 77 CATEGORY:	
> 51 DISPLACED THR:	
> 52 CTLG OBSTN:	
> 53 OBSTN MARKED/LGTD:	
> 54 HGT ABOVE RWY END:	
> 55 DIST FROM RWY END:	
> 56 CNTRLN OFFSET:	
57 OBSTN CLNC SLOPE:	
58 CLOSE-IN OBSTN:	

DECLARED DISTANCES

> 60 TAKE OFF RUN AVBL (TORA):	
> 61 TAKE OFF DIST AVBL (TODA):	
> 62 ACLT STOP DIST AVBL (ASDA):	
> 63 LNDG DIST AVBL (LDA):	

(>) ARPT MGR PLEASE ADVISE FSS IN ITEM 86 WHEN CHANGES OCCUR TO ITEMS PRECEDED BY >

> 110 REMARKS:

A 110-004 FOR CD CTC ALBUQUERQUE ARTCC AT 505-856-4561.

111 INSPECTOR: (C) 112 LAST INSP: 03/25/2020 113 LAST INFO REQ:

ATTACHMENT G –
ADDITIONAL SWPPP DOCUMENTS

Attachment G

Additional MSGP Documentation

For:

Socorro Municipal Airport
300 Airport Road
Socorro, NM 87801
575-838-7575

Contents

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:	
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

Reason for Action: ☐ Regular Maintenance ☐ Discovery of Problem
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 ☐ Discovery of Problem
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)

<u>Industrial Equipment and Systems Maintenance Records</u> (copy information below for each industrial equipment/system)

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 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 ☐ Discovery of Problem
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 ☐ Discovery of Problem
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)

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	Socorro Municipal Airport		
NPDES Tracking No.			
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.

MSGP Quarterly Visual Assessment Form

(Complete a separate form for each outfall you assess)

Name of Facility: Socorro Municipal Airport NPDES Tracking No. NMR05HN73

Outfall Name: "Substantially Identical Discharge Point"? ☐ Yes (identify substantially identical outfalls): ☐ No

Person(s)/Title(s) collecting sample: Name/Title

Person(s)/Title(s) examining sample: Name/Title

Date & Time Discharge Began: Enter date and time

Date & Time Sample Collected: Enter date and time. If sample not taken within first 30 minutes, explain why.

Date & Time Sample Examined: Enter date and time

Substitute Sample? ☐ No ☐ Yes (identify quarter/year when sample was originally scheduled to be collected):

Nature of Discharge: ☐ Rainfall ☐ Snowmelt

If rainfall: Rainfall Amount: No of inches_ Previous Storm Ended > 72 hours Before Start of This Storm? ☐ Yes ☐ No* (explain):

Pollutants Observed

Color ☐ None ☐ Other (describe): _____

Odor ☐ None ☐ Musty ☐ Sewage ☐ Sulfur ☐ Sour ☐ Petroleum/Gas ☐ Solvents ☐ Other (describe): _____

Clarity ☐ Clear ☐ Slightly Cloudy ☐ Cloudy ☐ Opaque ☐ Other

Floating Solids ☐ No ☐ Yes (describe): _____

Settled Solids** ☐ No ☐ Yes (describe): _____

Suspended Solids ☐ No ☐ Yes (describe): _____

Foam (gently shake sample) ☐ No ☐ Yes (describe): _____

Oil Sheen ☐ None ☐ Flecks ☐ Globs ☐ Sheen ☐ Slick ☐ Other (describe): _____

Other Obvious Indicators of Stormwater Pollution ☐ No ☐ Yes (describe): _____

* The 72-hour interval can be waived when the previous storm did not yield a measurable discharge or if you are able to document (attach applicable documentation) that less than a 72-hour interval is representative of local storm events during the sampling period.

** Observe for settled solids after allowing the sample to sit for approximately one-half hour.

Identify probably sources of any observed stormwater contamination. Also, include any additional comments, descriptions of pictures taken, and any corrective actions necessary below (attach additional sheets as necessary). Insert details

Certification Statement (Refer to MSGP Subpart 11 Appendix B for Signatory Requirements)

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.

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 reason

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

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

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 ☐ Active
Reason for change in status:

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

ATTACHMENT I – 2021 MSGP

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