

INSTRUCTIONS

Environmental Determination Checklist

This environmental checklist is designed for minor airport projects that are:

- Located on non-federal land, and
- Located on non-tribal land, and
- Locally funded (state/county/local), and are
- Not subject to FAA approvals.

If the airport project is located on federal land, or tribal land, or is federally funded, or requires FAA approval, then this checklist does not apply. The project is subject to environmental investigation and documentation per the National Environmental Policy Act (NEPA).

These instructions are for guidance purposes only. The consultant is expected to have expertise in environmental impact assessment for airport projects.

If the answer to any of the questions in the checklist is YES, then provide an attachment describing the impacts and mitigation measures. In addition, attach related documents/permits.

For each mitigation measure, identify the responsible party (agency, or organization, or contractor) for implementing the mitigation.

1. Socio-Economic Impacts

a. Determine if the project will have any impact to neighborhood continuity/community cohesion. Impacts may include bisecting neighborhoods and restricting access to local community features/sites. If impacts have been identified, determine if the impacts are temporary and/or permanent and include a brief explanation of the impacts as well as any applicable mitigation. Note: neighborhoods/communities are not limited to residential areas and can be commercial communities as well.

b. Determine if displacements are required. If displacements are required, state the type (e.g., single family home; commercial business); number (in terms of property owners and units as applicable); and location.

2. Construction Impacts

Determine if the project will result in any construction-related impacts such as closures, detours, or dust abatement requirements. The impacts could also include air and water quality threshold levels, vehicle emissions, storm water runoff, spills and noise.

3. Farmlands

Determine if the farmland in the project area is prime, unique, or of statewide or local importance, by contacting the Natural Resources Conservation Service and applicable State/Local agencies as needed. If the farmland within the project area has not been designated as either prime, unique, or of statewide or local importance, or if the farmland is not actually used as agricultural land, no other impact analysis is required.

4. Endangered Species

Consult with the Arizona Game and Fish [Environmental Review On-Line Tool](#) to identify listed protected species within the project area. Contact the U.S. Fish and Wildlife Service to determine if any threatened and endangered species occur within the project area.

If protected species occur within the project area, a biological survey may be required depending on the scope of work and if the construction involves ground disturbance.

The Arizona Native Plant Law applies only to listed plants that are naturally occurring, not landscaped or planted individuals. Contact the Arizona Department of Agriculture for the most current species list. Check to see if the project will impact protected native plants are present in the project area. If protected native plants will be impacted, verify the landowner of the project area. The Arizona Department of Agriculture must determine the disposition of the plants.

5. Floodplains

Review FEMA 100-year FIRMs on the FEMA website. Determine if the project is within a 100-year floodplain. If a determination cannot be made whether or not the project is within a 100-year floodplain, contact the county flood control district or the local floodplain manager for assistance.

If the project is within a floodplain, determine if the floodplain will be impacted by the project. Impacts typically occur when topography within the floodplain is substantially modified either by placement or removal of materials within the floodplain. Contact the county flood control district or the local floodplain manager for assistance; determine if public review is required.

6. Hazardous Materials

NESHAP

Determine if load-bearing structures will be modified or altered by the project. Provide the date and findings of the asbestos survey. Determine if a NESHAP permit is required; state applicable mitigation measures.

RCRA METALS

Check if work will occur on existing structures that have been previously painted. Provide the date and findings and include any applicable mitigation measures of the RCRA metals (e.g., lead) survey.

ADEQ and EPA Records Check

Check the records of Arizona Department of Environmental Quality (ADEQ) and Environmental Protection Agency (EPA) databases. Document the date and findings (including any applicable mitigation measures) of the records check.

PISA

A Preliminary Initial Site Assessment (PISA) is required for the project. State the findings of the PISA and include any applicable mitigation measures.

Phase I

A Phase I hazardous materials study may be required if there are hazardous materials concerns resulting from the PISA. State the findings of the Phase I study and include any applicable mitigation measures.

7. Cultural Resources

Check with the local historic registers to identify listed properties that are present within the project area (including the airport grounds). Conduct a background investigation on the airport facilities to ascertain if the airport (or parts of the airport) may be potentially eligible for listing on local historic registers, the Arizona Register of Historic Places (ARHP), and/or the National Register of Historic Places (NRHP).

Examine the construction plans and verify with the project manager if ground disturbance will occur during construction. Depending on the extent and location of ground disturbance, a cultural resources survey may be required.

Consultation with the State Historic Preservation Office may be required if historic properties are currently listed, and/or are potentially eligible for listing, and/or discovered within the project area. If historic properties are located in the area of potential effects, list mitigation measure(s) stating how the sites will be protected (flagging, avoidance, on-site monitoring) would be required. If historic properties cannot be avoided, a mitigation plan would need to be developed, consulted on, and implemented.

8. Water Quality

Coordinate with the project manager or project engineer to determine if the project will result in 1 or more acres of ground disturbance.

If the project will result in 1 or more acres of ground disturbance a Arizona Pollutant Discharge Elimination System Permit (AZPDES) is required.

Review the ADEQ list of impaired waters, located on the ADEQ website. If the project is located within 0.25 mile of impaired water, list the name of the water and the parameters of concern. Projects within 0.25 mile of an impaired water require a AZPDES permit with the Storm Water Pollution Prevention Plan/Stormwater Management Plan (SWPPP/SWMP) approved by ADEQ prior to start of construction. Determine if the project is located within a designated MS4; document the name of the MS4, as applicable.

9. Waters of the United States

a. Determine if waters of the U.S. are present in the project area.

Impacts to Waters

If the project impacts waters of the U.S., state the location where the impacts will occur. Describe the nature of the impacts.

b. Determine what type of permit is required.

Nationwide Section 404 Permit

If a Nationwide Permit (NWP) is required, attach the Permit. If a Preconstruction Notification (PCN) is required as part of the NWP, attached the Corp of Engineers approved PCN and the Special Conditions.

Individual Section 404 Permit

If an Individual Section 404 Permit is required, state the Corps File Number and attach the Permit. Ensure that the applicable terms, General, Special, and Regional conditions are included.

Section 401 Certification

As part of the Section 404 permitting, determine the requirements for the Section 401 Certification (i.e., certified, conditionally certified, individually certified). Attach Section 401 Certification conditions or individual Section 401 Certifications.