

Airport Environmental Resource Checklist

| Environmental Resource | Presence on Airport | | | | Link to FAA Guidance | Airport Contact/Reference |
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| Air and Air Quality Management and Greenhouse Gases For more information on Air Quality and Air Quality Management, refer to the Understand section titled "Understanding NEPA and Environmental Planning." | | | | | | |
| Are you in an Air Quality Non-attainment Zone? | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | FAA Order 1051.F Desk Reference, Chapter 1, Air Quality and Chapter 3, Climate | |
| Biological Resources FAA defines "biological" as various types of flora (plants) and fauna (fish, birds, reptiles, amphibians, marine mammals, coral reefs, etc.) in a particular area. (The term also refers to rivers, lakes, wetlands, forests, upland communities, and other habitat types supporting flora and aquatic and avian fauna). Biological resources include federally listed species, which include any plant or animal species that either the U.S. Fish and Wildlife Service (FWS) or the National Marine Fisheries Service (NMFS) designates in danger of extinction throughout all or a significant portion of the species' range (16 USC Section 1532(6)), is likely to become an endangered species within the foreseeable future throughout all or a significant portion of the species' range (16 USC Section 1532(20)), or is a candidate for federal protection. | | | | | | |
| Does your airport include plant communities, such as: Grass/turf, shrubs, weedy vegetation, trees, forests, coral reefs, etc.? | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | FAA Order 1051.F Desk Reference, Chapter 2, Biological Resources | |
| Does your airport include any federally listed threatened, endangered, or candidate species of flora or fauna? | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | | |
| Does your airport include any critical habitat for federally listed species of flora or fauna? Critical habitat is a designated area that has physical and biological features essential to a listed species' survival, such as nesting grounds, migration routes, wintering grounds, or other areas needed to support a life history stage. (A species need not occupy an area for it to be critical habitat.) | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | | |
| Does your airport include any State-listed threatened, endangered, or candidate species of flora or fauna? | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | | |

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| Does your airport include any critical habitat for State-listed species of flora or fauna? | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | | |
| Coastal Resources Barrier islands occur along all coastlines of the United States, but the longest, best defined chains occur along the coasts of the Atlantic Ocean, the Gulf of Mexico, and the Great Lakes. Contact regional FWS offices for maps dated October 24, 1990 (or later if the DOI Secretary revises them). Airports located near coastal barriers or near the Pacific Ocean, Atlantic Ocean, or Gulf of Mexico may fall under the jurisdiction of a Coastal Zone Management Plan. | | | | | | |
| Is your airport located on or in an area containing barrier islands? | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | FAA Order 1051.F Desk Reference, Chapter 4, Coastal Resources | |
| Is your airport located in an area that is addressed by a Coastal Zone Management Plan? | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | | |
| Section 4(f) Resources Section 4(f) resources are publicly-owned lands that should not be affected by federal transportation projects. Projects that have the potential to affect these resources or their use by the public are referred to as a “taking” and require additional federal regulatory coordination. | | | | | | |
| Does your airport include a publicly owned park or recreational area, including but not limited to trails, observation areas, or sports facilities (baseball diamond, golf course, etc.)? | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | FAA Order 1051.F Desk Reference, Chapter 5, Department of Transportation Act, Section 4(f) | |
| Does your airport include a wildlife or waterfowl refuge of national state, or local significance? | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | | |
| Does your airport include a historic site of national state, or local significance? | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | | |
| Farmland FAA complies with the Farmland Protection Policy Act (FPPA), 7 USC 4201-4209 as amended, which regulates actions with the potential to convert existing important farmlands to non-agricultural uses. The FPPA defines important farmlands as prime, unique, statewide, and locally important farmlands: NRCS keeps lists of important farmlands for each state. | | | | | | |
| Does your airport include pasturelands, croplands or forests that are considered to be prime, unique or of state or local importance, even if they are zoned for development? | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | FAA Order 1051.F Desk Reference, Chapter 6, Farmlands | |

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| Hazardous Materials, Solid Waste, and Pollution Prevention | | | | | | |
| According to the Resource Conservation and Recovery Act of 1976 (RCRA), as amended, hazardous waste is waste that poses a threat to public health or the environment. Hazardous wastes are those which are reactive, ignitable, corrosive, or toxic or listed specifically by regulatory authorities due to one or more of their characteristics or sources. ACRP Report 43 Guidebook of Practices for Improving Environmental Performance at Small Airports, Chapter 7, Waste Management, provides information on hazardous waste topics. Hazardous waste can be generated by airport operations, hazardous materials can present in construction materials (e.g., lead paint, asbestos-containing materials, etc.), or hazardous waste sites may be associated with former operations. For more information, refer to the Understand section title "Waste Management." | | | | | | |
| Has your agency performed an environmental due diligence audit to identify the presence of hazardous materials? | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | FAA Order 1051.F Desk Reference, Chapter 7, Hazardous Materials, Solid Waste, and Pollution Prevention | |
| Does your airport contain hazardous waste or is it located within 0.25 mile of a known hazardous waste site? | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | | |
| Do your airport facilities include hazardous materials, such as lead-based paint or asbestos-containing materials, etc.? | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | | |
| Do you store or transport hazardous materials as part of your ongoing operations (e.g., vehicle fuel, aviation fuel, etc.) on site, such as fuel? | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | | |
| Do you have appropriate pollution prevention planning measures in place to address accidental discharges or other methods in place to manage/control spills and unauthorized releases? | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | | |
| Does your airport transport solid waste off site? If so, who is responsible for transporting the solid waste? | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | | |
| Do you separate waste streams prior to transporting waste off site? | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | | |
| Is solid waste from the airport disposed of at a specific waste facility (e.g., landfill, etc.)? | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | | |
| Historical, Architectural, Archeological, and Cultural Resources | | | | | | |
| A historic property is, "any prehistoric or historic district, site, building, structure, or object included in, or eligible for inclusion in the National Register of Historic Places (NRHP), or properties or sites having traditional religious or cultural importance to Native American Tribes and Hawaiian organizations. Structures over 50 years old, regardless of their condition, have the potential to be eligible for the NRHP and must be evaluated by a qualified historic resource management professional. | | | | | | |
| Has a cultural resources investigation been performed at your airport previously? | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | FAA Order 1051.F, Desk Reference, Chapter 8, Historical, Architectural, Archeological, and Cultural Resources | |
| Does your airport include a previously identified prehistoric or historic district? | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | | |

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| Does your airport include any buildings, structures or objects that are 50 or more years old? (If so, it should be evaluated, regardless of condition, by a qualified historic resource professional). | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | | |
| Does your airport include sites, buildings, structures, and objects that are associated with events that have made a significant contribution to the broad patterns of our history; or that are associated with events that have made a significant contribution to the broad patterns of our history? | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | | |
| Does your airport include sites, buildings, structures, and objects that are associated with events that embody distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction? | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | | |
| Does your airport include sites, buildings, structures, and objects that have yielded, or may be likely to yield, information important in prehistory or history? | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | | |
| Does your airport include any known traditional or cultural properties or Native American sacred sites? | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | | |
| Natural Resources and Energy Supply FAA encourages airport operators to design and operate their facilities using the highest standards of design, including principles of energy conservation and sustainability. | | | | | | |
| Does your airport include facilities that were constructed with sustainable/renewable materials? | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | FAA Order 1051.F, Desk Reference, Chapter 10, Natural Resources and Energy Supply | |
| Have any of your facilities been designed in accordance with green-building certification standards, such as LEED standards or similar? | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | | |
| Do your airport operations include energy conservation measures? | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | | |
| Noise Airport noise is often controversial. Besides using noise levels to determine compatible land use, airport noise may be a concern when determining potential effects on several other environmental resources, such as Section 4(f)-protected resources and historic and cultural sites. The following questions are to help you identify the potential effects of aircraft noise in the airport vicinity. For more information, refer to Report 43 Guidebook of Practices for Improving Environmental Performance at Small Airports, Chapter 5, Noise . | | | | | | |
| Does the 65 DNL noise contour extend beyond airport property? | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | | |

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| Does the 65 DNL noise contour for your airport have the potential to affect other environmental resources, and if so, which resources? | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | FAA Order 1051.F, Desk Reference, Chapter 11, Noise and Noise-Compatible Land Use | |
| Does the 65 DNL noise contour for your airport extend off-site to include an environmental justice community? | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | | |
| Water Resources Water resources include wetlands, floodplains, surface water, groundwater, and wild and scenic rivers. The “Water Resources” section in the Understand chapter provides a detailed description of the water quality and permitting. | | | | | | |
| <i>Surface Water</i> Airports are frequently located near waterways or contain water resources within their boundaries, and airport activities may affect water quality due to their proximity to waterways. In particular, construction activities or seasonal airport anti-icing/deicing activities can pose concerns. | | | | | | |
| Do any surface water features occur on your airport, such as rivers, creeks, or open water ponds (natural or constructed ponds)? | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | FAA Order 1050.1F, Desk Reference, Chapter 14, Water Resources | |
| Does your airport include any stormwater management features to protect water quality (e.g., oil/water separators, detention ponds, etc.)? | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | | |
| <i>Wetlands</i> The U.S. Department of Transportation (DOT) Order 5660.1A, Preservation of the Nation's Wetlands defines wetlands as, “Lowlands covered with shallow and sometimes temporary or intermittent waters. This includes, but is not limited to, swamps, marshes, bogs, sloughs, potholes, wet meadows, river overflows, tidal overflows, estuarine areas, and shallow lakes and ponds with emergent vegetation. ...The wetlands ecosystem includes those areas which affect or are affected by the wetland area itself; e.g., adjacent uplands or regions up and down stream.” Wetlands may be regulated by the U.S. Army Corps of Engineers and Section 404 of the U.S. Clean Water Act, which governs the dredging and filling of navigable waters of the U.S. Wetlands that do not fall within the jurisdiction of the U.S. Army Corps of Engineers may fall under the jurisdiction of state, or local agencies. For more information, refer to the Understand section titled “Water Resources.” | | | | | | |
| Has your airport property been evaluated for the presence of jurisdictional wetlands or waters of the U.S. through a wetland delineation? | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | FAA Order 1050.1F, Desk Reference, Chapter 14, Water Resources | |
| Does your airport contain any jurisdictional wetlands or waters of the U.S. pursuant to Section 404 of the Clean Water Act and U.S. Army Corps of Engineers? | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | | |
| Does your airport contain any wetlands that may not be jurisdictional according to federal regulations but are subject to state or local regulations? | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | | |

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| Floodplains <i>Floodplains or base floodplains are the lowlands and relatively flat areas adjoining inland and coastal waters, including flood prone areas of offshore islands that are prone to the 100-year flood. Use the applicable FEMA-developed Flood Insurance Rate Map (FIRM) or draft FIRM as the primary information source to determine whether your airport includes areas within the floodplain.</i> | | | | | | |
| Are portions of your airport property located within the 100-year or other floodplain as documented on agency maps? | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | FAA Order 1050.1F, Desk Reference, Chapter 14, Water Resources | |
| Wild and Scenic Rivers Wild and scenic rivers are those rivers having remarkable scenic, recreational, geologic, fish, wildlife, historic, or cultural values. The National Park Service (NPS) has the primary role in maintaining the National Wild and Scenic Rivers System, which is a list of rivers determined to have the special values mentioned. You can search for wild and scenic rivers in your state at: http://www.rivers.gov/map.php | | | | | | |
| Does your airport include a segment of any wild and scenic river? | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | FAA Order 1050.1F, Desk Reference, Chapter 14, Water Resources | |
| Does your airport generate runoff or other discharge into a wild and scenic river? | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | http://www.rivers.gov/map.php | |
| Environmental Justice Communities <i>The EPA defines environmental justice as “The fair treatment and meaningful involvement of all people, regardless of race, color, national origin, or income with respect to the development, implementation and enforcement of environmental laws, regulations and policies. Fair treatment means that no group of people, including racial, ethnic, or socioeconomic group, should bear a disproportionate share of the negative environmental effects resulting from industrial, municipal, and commercial operations or the execution of Federal, State, local, and tribal programs and policies.” Environmental Justice communities include low-income populations and minority populations.”</i> <ul style="list-style-type: none"> • A low-income population is any readily identifiable group of low-income persons who live in geographic proximity, and, if circumstances warrant, geographically dispersed/transient persons. A low-income person has a median household income at or below the Department of Health and Human Services’ poverty guidelines. • A minority population is composed of Black, Hispanic, Asian-American, or American Indian and Alaskan Native individuals. Each, several, or all of these ethnic groups may live in geographic proximity to one another or may be geographically scattered or transient (e.g., migrant workers) who will be similarly affected by a proposed program, policy, or activity. | | | | | | |
| Based on available census data, does an environmental justice population exist within 1 mile of your airport? | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | FAA Order 1051.F, Desk Reference, Chapter 12. Socioeconomics, Environmental Justice, and Children’s Environmental Health and Safety Risks | |
| Does your agency undertake measures to ensure that environmental justice populations are able to participate in public involvement for proposed airport actions and evaluate its actions to identify potential disproportionate effects to environmental justice communities? | Yes | <input type="checkbox"/> | N/A | <input type="checkbox"/> | | |