

# **2005 ASW Partnership Conference**

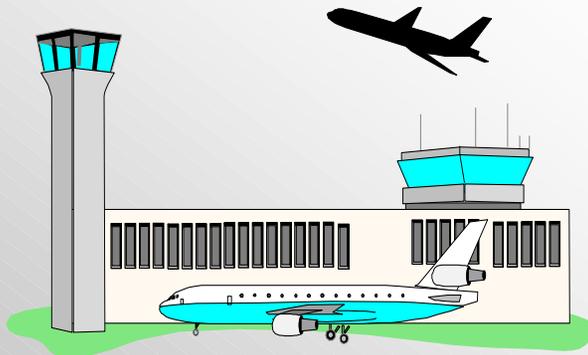


**March 9 & 10, 2005  
Fort Worth, Texas**



# Session Title

## “Environmental Issues and Your Project”



Presented by:

**FAA SW Region  
Environmental Team:**

**Tim Tandy**

**Paul Blackford**

**Lance Key**



# Why Environmental Reviews ???

- NEPA: The National Environmental Policy Act Of 1969, established a national environmental policy.
- Signed into law Jan. 1, 1970.



# Who Participates in the NEPA Process?

- Applies to all Federal Agencies.
- Implementation involves state agencies, local governments, third-party contractors, interested groups & concerned citizens.
- Non Federal activity is subject to NEPA when it requires a permit, regulatory decision, or funding from a Federal Agency.



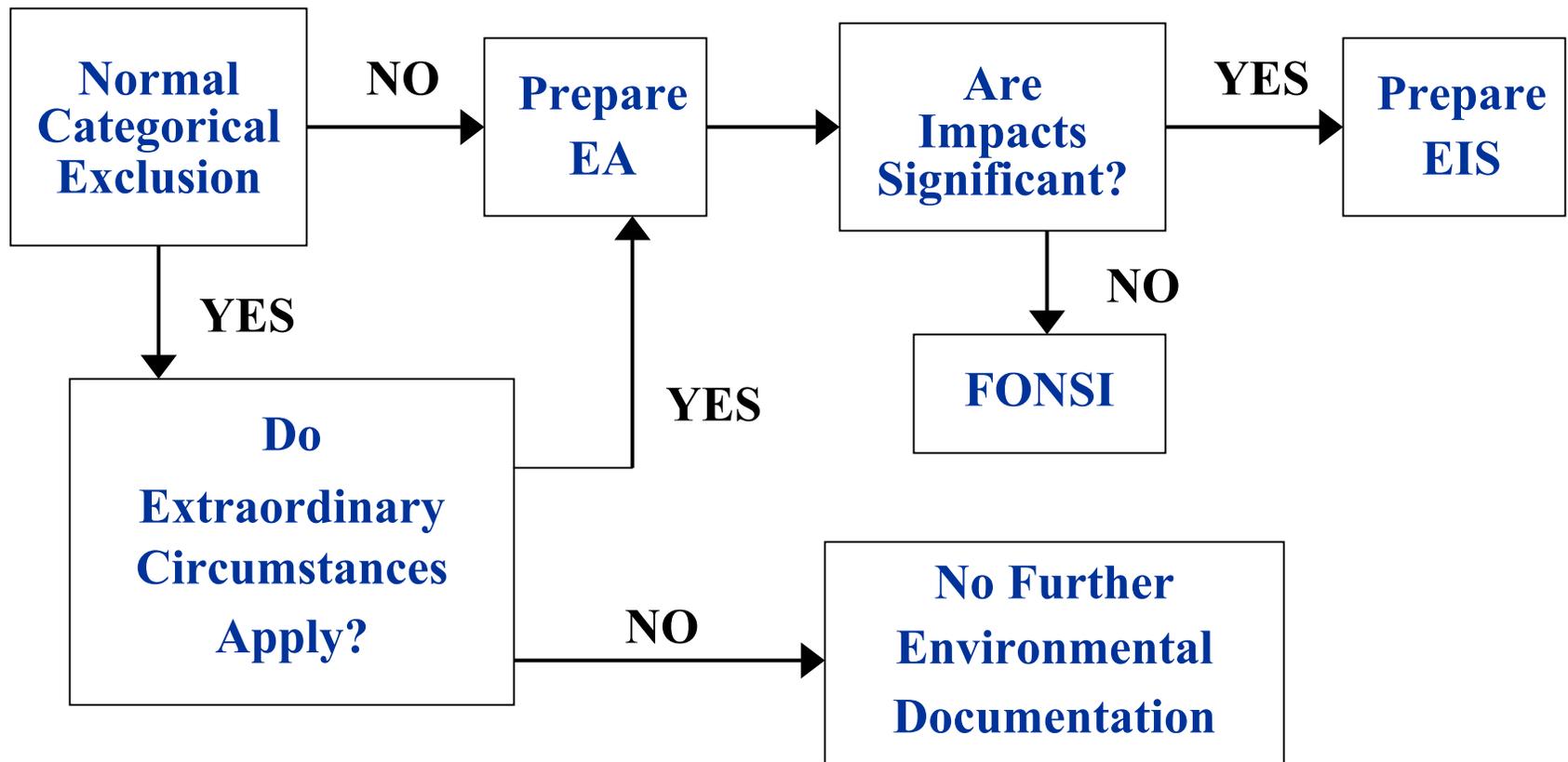


# Types of Documentation Found Under NEPA

- **Categorical Exclusion (CATEX)**
- **Environmental Assessment (EA)**
  - **Finding of No Significant Impact (FONSI)**
- **Environmental Impact Statement (EIS)**
  - **Record of Decision (ROD)**



# How To Determine Which Documentation To Use





# Categorical Exclusion (CATEX)

(Unless there are extraordinary circumstances)





# Categorical Exclusion

→ **FAA Order 1050.1E lists the type of actions that can be categorically excluded, provided no “Extraordinary Circumstances” exist.**



# CATEX Process

- **Define proposed action**
- **Review proposed action with list of categorical exclusions**
- **Review action for extraordinary circumstances**
- **Issue & file a CATEX determination if extraordinary circumstances are not involved**
- **Proceed with action**



# **ENVIRONMENTAL ASSESSMENT (EA)**



# When to Prepare an EA

- ➔ **When the action is not categorically excluded;**
- ➔ **When the action is normally categorically excluded, but in this instance involves at least one extraordinary circumstance;**
- ➔ **The action is highly controversial on environmental grounds;**
- ➔ **The action is not one known to normally require an EIS and is not categorically excluded.**



# Environmental Assessment

- **The EA is normally prepared by the sponsor or for the sponsor by a third party**
- **FAA reviews the EA and may require corrections or additional information before accepting the document**
- **The EA becomes a Federal document (Federalized) when signed by the responsible official**
- **Remember! No action can begin until the environmental determination has been completed**



# Environmental Assessment - “Content”

- States Purpose and Need;
- Identifies Alternatives (includes “no action” and the “proposed action”);
- Describes “affected” environment;
- Discusses environmental consequences for impact categories;
- Identifies the preparers & their qualifications.



# “Purpose and Need”

## A discussion that clearly:

- Identifies the problem facing the sponsor (the need for the action);
- Proposes a solution to the problem (the purpose of the action); and
- Proposes a timeframe for implementation.
- The purpose and need *must* be clearly justified and stated in terms understandable to individuals not familiar with aviation activities.



# Environmental Impact Statement (EIS)

→ An EIS is a detailed written statement as required by Section 102(2)(C) of NEPA.





# When is an EIS Required

→ **With every recommendation for a major federal action significantly affecting the quality of the human environment.**



# Impact Categories

## FAA Order 1050.1E

- **Noise**
- **Compatible Land Use**
- **Social (Environmental Justice, Children's Environmental Health, Safety Risks, Socioeconomic Impacts)**
- **Air Quality**
- **Water Quality**
- **Dept. of Transportation Act Section 4(f)**
- **Secondary (Induced) Impacts**



# Impact Categories (Cont.)

## FAA Order 1050.1E

- **Historic, Architectural, Archeological, & Cultural Resources**
- **Fish, Wildlife and Plants**
- **Wetlands**
- **Floodplains and Floodways**
- **Coastal Resources**
- **Wild and Scenic Rivers**
- **Farmlands**



# **Impact Categories (Cont.)**

## **FAA Order 1050.1E**

- **Natural Resources, Energy Supply & Sustainable Design**
- **Light Emissions and Visual Impacts**
- **Hazardous Materials, Pollution Prevention, and Solid Waste**
- **Construction Impacts**



# Where are FAA Guidelines & Procedures Found?

→ **FAA Order 1050.1E**

**“Policies and Procedures for Considering  
Environmental Impacts”**

→ **FAA Order 5050.4A**

**“Airport Environmental Handbook”**

**(Update due October 2005)**



# Useful Internet Sites



→ **Links to FAA Order 5050.4A, Order 1050.1E and FAA Records of Decision (ROD's):**

**[faa.gov/arp/environmental](http://faa.gov/arp/environmental)**



# Useful Internet Sites



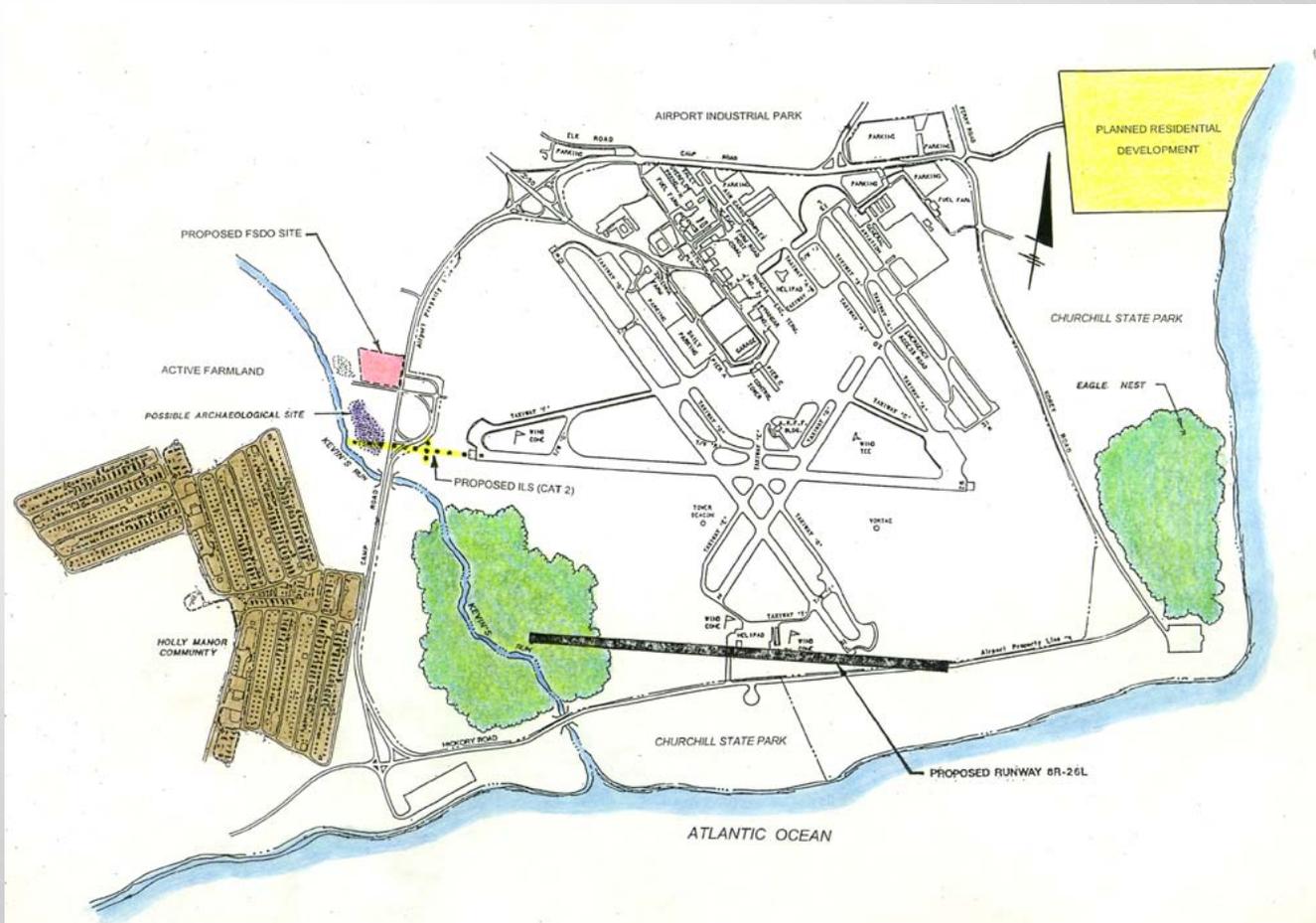
## → Links to the following:

- ✓ **FAA Order 1050.1E**
- ✓ **CEQ and EPA NEPA Sites**
- ✓ **40 Most Asked Questions Concerning CEQ's NEPA Regulations**
- ✓ **NEPA**

**[www.aee.faa.gov/aee-200](http://www.aee.faa.gov/aee-200)**

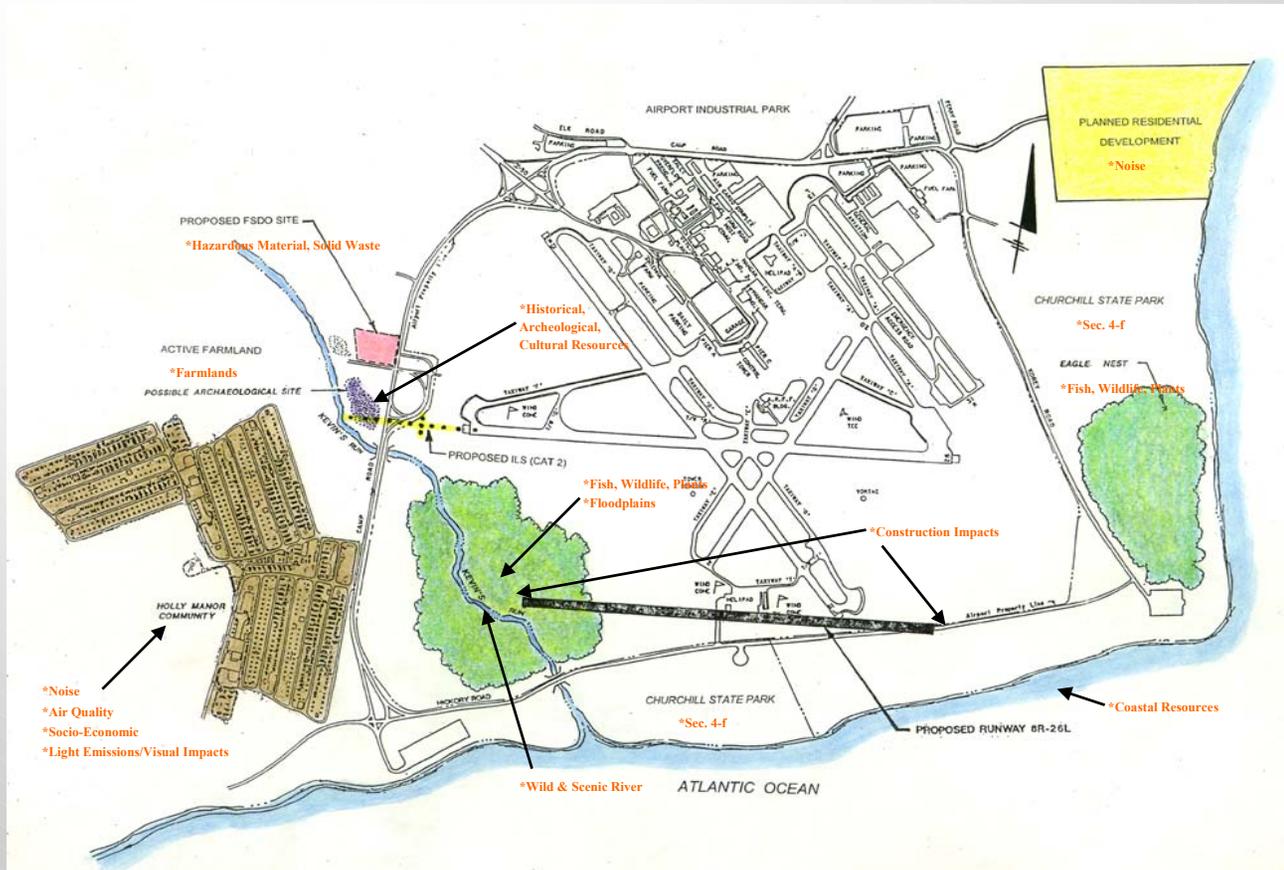


# Case Study Map





# Case Study Map with potential Environmental Impacts





# ENVIRONMENTAL IMPACTS MAY TRIGGER:

- **Historical Survey**
  - **Tribal Consultation (FAA)**
  - **Section 106 Determination**
- **Air Conformity Determination**
- **Noise Contour Maps**
- **Environmental Due Diligence Audit (EDDA)**
- **Biological Survey**
  - **Incidental Take Permit – USF&WS**
- **Corp of Engineer 404 Permit**



# Questions And Discussion



# “Environmental Issues and Your Project”

**THE  
END**