Environmental Programs Division

Oklahoma Department of Transportation

Role of Environmental Programs

- To integrate environmental considerations and regulatory requirements into ODOT's transportation
- To provide a broad range of technical expertise in the natural and human environment
- To provide environmental documents and permits for ODOT projects and activities
- To liaise with regulatory agencies to streamline the environmental review and permit processes

Environmental Requirements for Projects with Federal Action

Compliance with National Envioronmental Policy Act (NEPA) - umbrella for various federal regulations

National Historic Preservation Act (NHPA) – Protects historic properties and

archeological sites

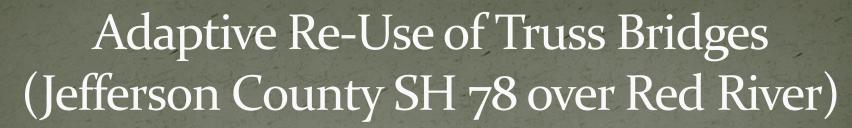
Endangered Species Act (ESA), The Bald and Golden Eagle Protection Act and Migratory Bird Treaty Act (MBTA) – Protection of Endangered Species and Migratory Birds

Clean Water Act – Protection of Waters and Wetlands of the US

- Comprehensive Environmental Response Compensation and Liability Act (CERCLA) and Resource Conservation and Recovery Act Protection from Superfund sites, hazardous waste sites, underground storage tanks, old oil wells, etc.
- Section 4(f) of Transportation Act Protection of Public Recreational Areas and Historic Properties
- Clean Air Act, Farmland Protection Act (FPPA), Highway Noise Abatement, etc.

Rehabilitation Captain Creek Bridge on SH 66B







Historic American Engineering Record (Purcell Lexington Bridge on US 77)



• American Burying Beetle– Purchase of credits to offset impacts and removal of carcasses and avoidance of artificial lights during construction



 Bats – Avoidance of work on bridges and avoidance of tree removals during maternal season



• Interior Least Tern– Requires survey and Avoidance of work in the rivers with sandy bottom during their nesting season



 Mussels– Relocation of mussels prior to start of construction



The Bald and Golden Eagle Protection Act

 Survey of suitable eagle habitat for nests after leaf drop prior and during construction





Clean Water Act - 404

Avoidance, Minimization and Mitigation



Hazardous Materials

Initial Site Assessment





Hazardous Materials

Subsurface Site Investigation



Hazardous Materials

 Hazardous Materials in Construction Support -Remedial Oversight and Reporting















- Construction Permit:
 - Storm Water Pollution Prevention Plan (SWPPP).
 - OKR10 General Permit



Storm Water Compliance

Common Violations





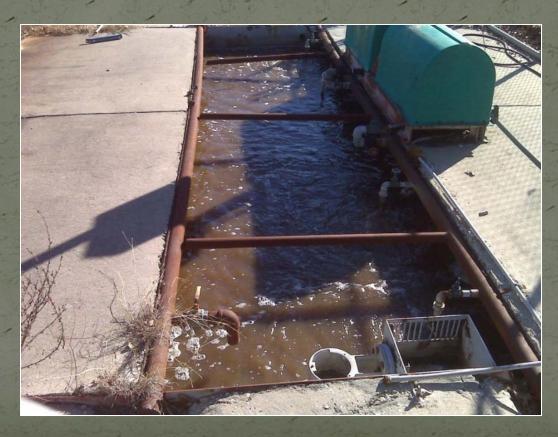
Environmental Operations Activities

- Appraisals and Demolition Activities
 - Lagoons



Environmental Operations Activities

- Appraisals and Demolition Activities
 - Septic tank contents



Environmental Operations Activities

- Appraisals and Demolition Activities
 - Tire Dumps and
 - LUST (Leaking Underground Storage Tanks)





- Appraisals and Demolition Activities
 - Asbestos





Old vinyl flooring >>>
Tiles
Mastic

Questions?