



Flood Risk Impact Analysis and Risk Reduction Resiliency Project Phase #1 Status Phase #2 Actions Coffeyville Kansas SAME Brief 18 Oct 2022

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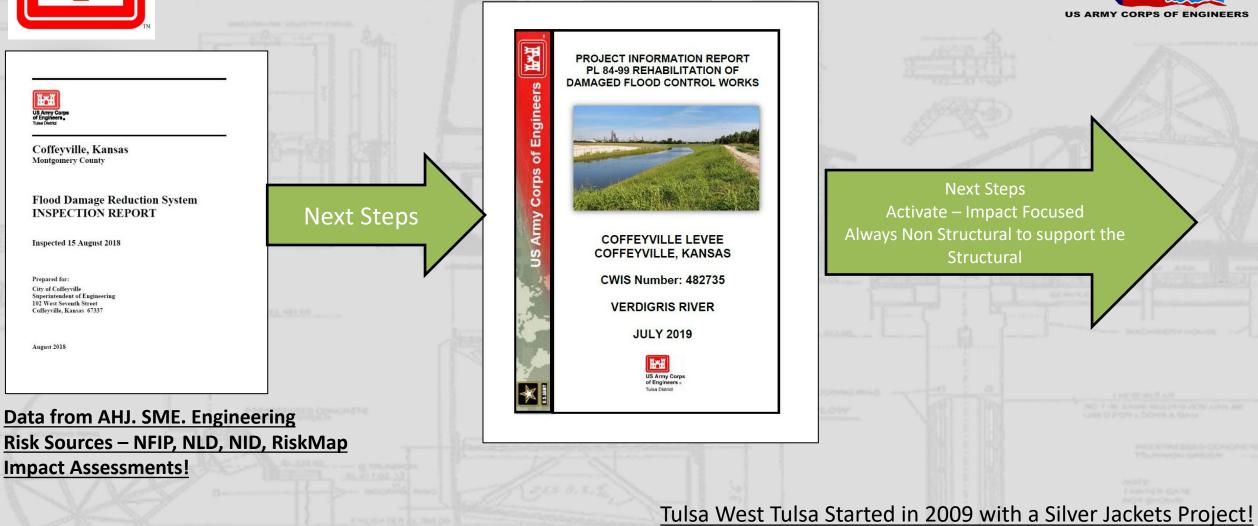


Tulsa District Emergency Management and Silver Jackets Programs

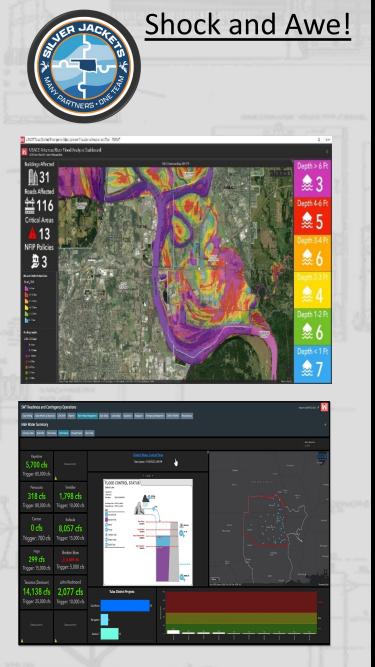


Flood Risk Reduction Project Overview

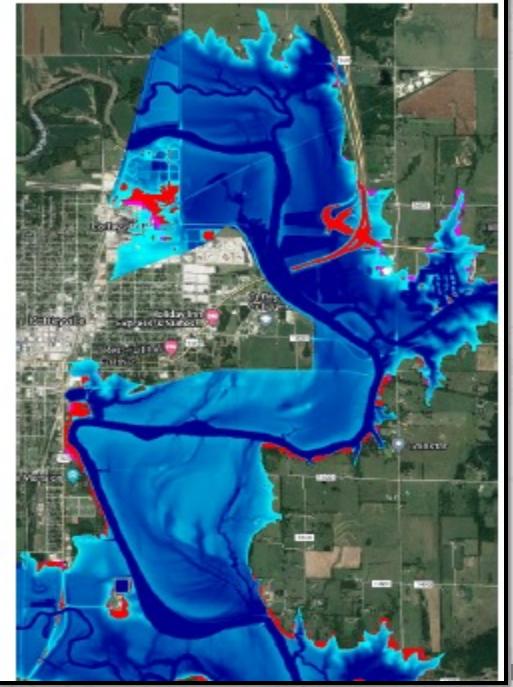




Reduce Impacts to Homes, Businesses, People and Social Systems



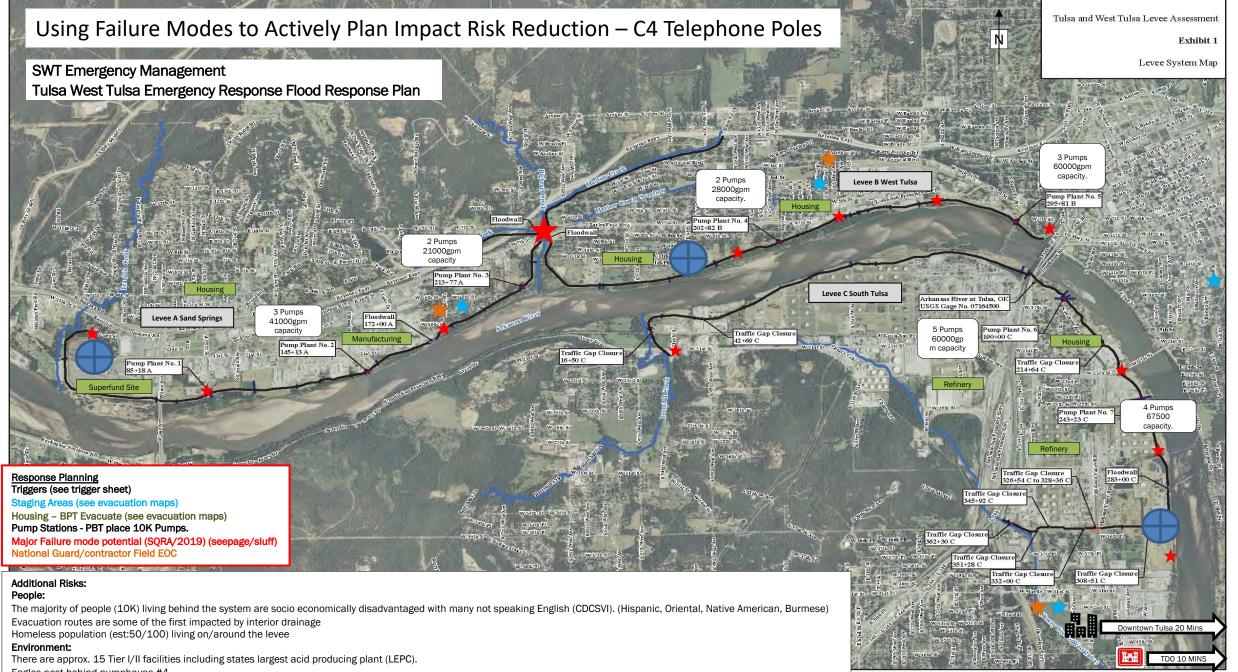
Reduc







Systems



Eagles nest behind pumphouse #4.



Coffeyville KS Mitigation/Disaster Risk and Impact Analysis Phase #1 Completion April 2022



POC: Bill Smiley – Tulsa District Chief Emergency Management (PM). 918-630-6516

General Information

Purpose: Flood Risk Management. Mitigation and Response Actions. <u>https://www.youtube.com/watch?v=OW_501Vj-M</u> Sponsor: City of Coffeyville (0% Cost Share)

Scope: Provide technical assistance. Collect Disaster Impact data. Reduce risks through communication, planning documents, COA;s, Federal Agency Support. Develop trigger and response sheets for future events. Reduce Disaster suffering. Phase 1 involved risk analyses, economic drivers, social data mining, impact analysis, interviews and field surveys. Phase 1 completed in April 2022 and was a six month timeline. End of phase #1 included the action items for phase #2. These include;

Action Item #1: Impacts of 169. Reduce impacts to 169 and it's closures due to water making 169 impassable.

Action Item #2: Business and Community Cost Impacts. Reduce time of businesses out of service. Community Continuity of Operations. Reduce social systems off-line time. Increase support to equity gaps and reduce overall economic impacts. Increase resiliency.

Action Item #3: Link Response Planning to Preparedness and Mitigation. Develop critical preparedness and mitigation tools that will reduce risk to the Lowest Acceptable Levels.

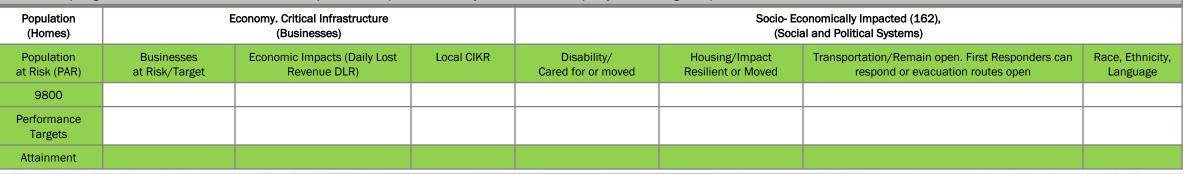
Key Current Federal Programs: J40. Tribal Nations set asides at 100% Federal Cost Share.

Goal: Planning that leads to action.

Disaster Impact Analysis Statement

Statement: Major Refinery. The Refinery operates a 115,000 barrel per day. Hundreds of Employee are employed by this operation which affects over 10 States regionally and has direct input into the Cushing Oklahoma Operation. City of Coffeyville has 29% of its citizens living in poverty. There has been a reduction in population of 50% over the last 20yrs. Over 2300 people who work in Coffeyville have moved outside City limits due to historic flooding. The Coffeyville Levee System (near breach in 2019) protects this refinery. The area has a Regional Medical Center. A Community College. The major water system impacting this area is the Verdigris River System. Highway 169 inundation is 5 fold vs pre-construction local conditions. Economic impact includes City has a lost revenue (tax based) of over 45% since 2007.

Leve of Effort/Targeted Performance Reduced to Lowest Acceptable Levels (LAL - Community Driven - Current Capacity - Remaining Effort) - J40









Silver Jackets Program - Overview

Program Intent – Federal to Local. Authorities (Inherent).

- Access to USACE programs.
- Non-Structural Projects into Structural (data driven) Next Step's, COA's, etc.
- Access to Federal Family with a single POC, State Hazard Mitigation Teams Key.
- Bring ALL Impacted Groups of People together. Leverage Federal SME's to solve local problems.
- · Acts as method of inclusion to Federal, Tribal, State and Locals.
- Supports activities that support local efforts to increase resiliency and mitigation.
- Flexible to address any ongoing risk, new risk, or current high visibility program areas (J40).
- Federal Team Roles.
- Organize and participate. (Quarterly) (At Hoc)
- Liaison with State counterparts.
- Identify potential projects. High Risk/Visibility/Need (J40)/Performance.
- Participate as identified in project scope, timetable, milestones, management plan focused.
- Project range fromm 3 to 6 months to whatever it takes to attain goals.

Projects are Phased.

- #1. Develop the Risk Picture. Assessments (data/historical impacts/interviews/site visits). Local Intent.
- #2. Risk Communication Plan/Project talking points. Comprehensive.
- #3. Aligning projects to action sources or methodologies to reduce risk to the Lowest Possible Level (LOL).
- #4. Recovery and Preparedness Forward.
- #5. Track risk project progress. (Local/State/Ffederal)New Mitigation Projects.





Bringing People Together – Gather Perspectives/Ideas



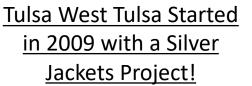
Impacts and Economics – Evaluating Risks



Developing Methods for Risk Reduction – Community



Working together to reduce risks – Act/Actions



Silver Jackets Web Site

USACE Silver Jackets Digital Library

Disaster/Emergency Inevitability Integration of Engineered Project Actions within the EM Continuum Community Level – risk, interests, concerns – PROBLEM RESOLUTION. Project Funding Avenues/streams Federal Agency Coordination/issue resolution/status/hold ups