



Housing, Infrastructure, and Damage Assessments

During Katrina and Today

May 28, 2025

Overview

- Katrina recovery focus
 - Housing
 - Critical infrastructure
 - Damage assessments
- Issues still exist today
- Goal: Share what we did during Katrina, what we are doing today, and what you can be doing to prepare for tomorrow
- Introductions

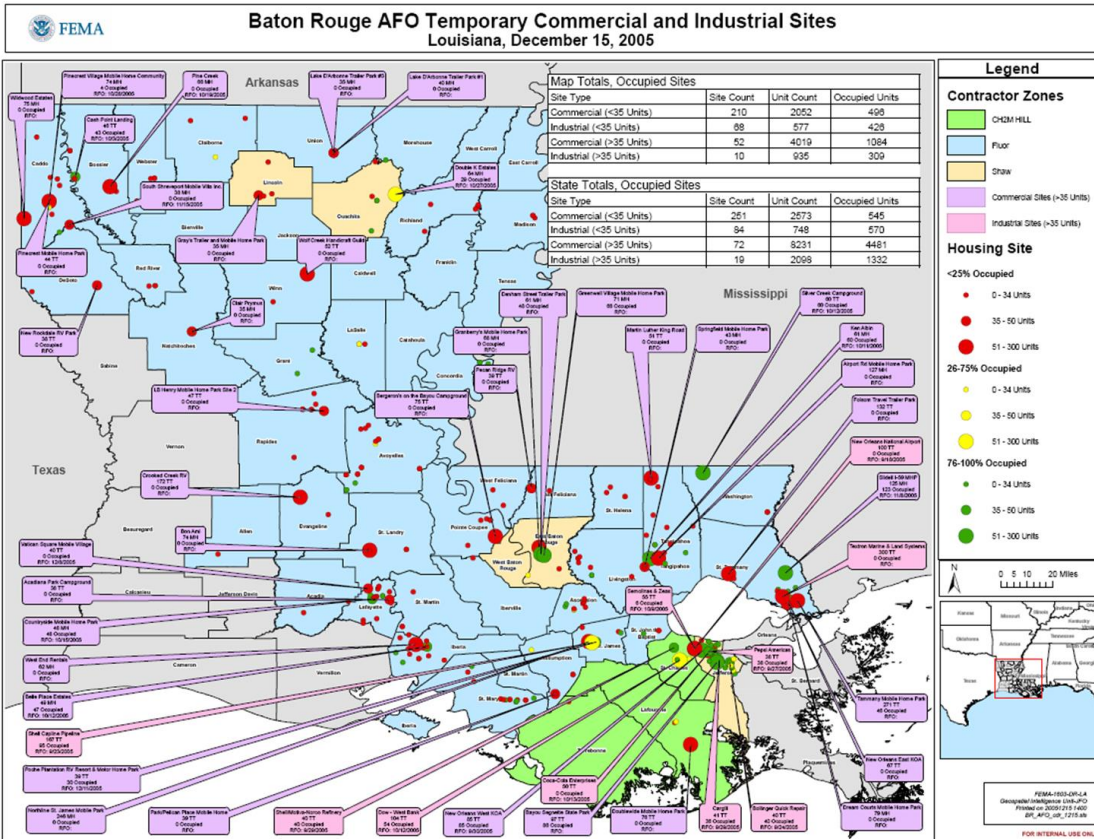


Katrina Recovery Efforts

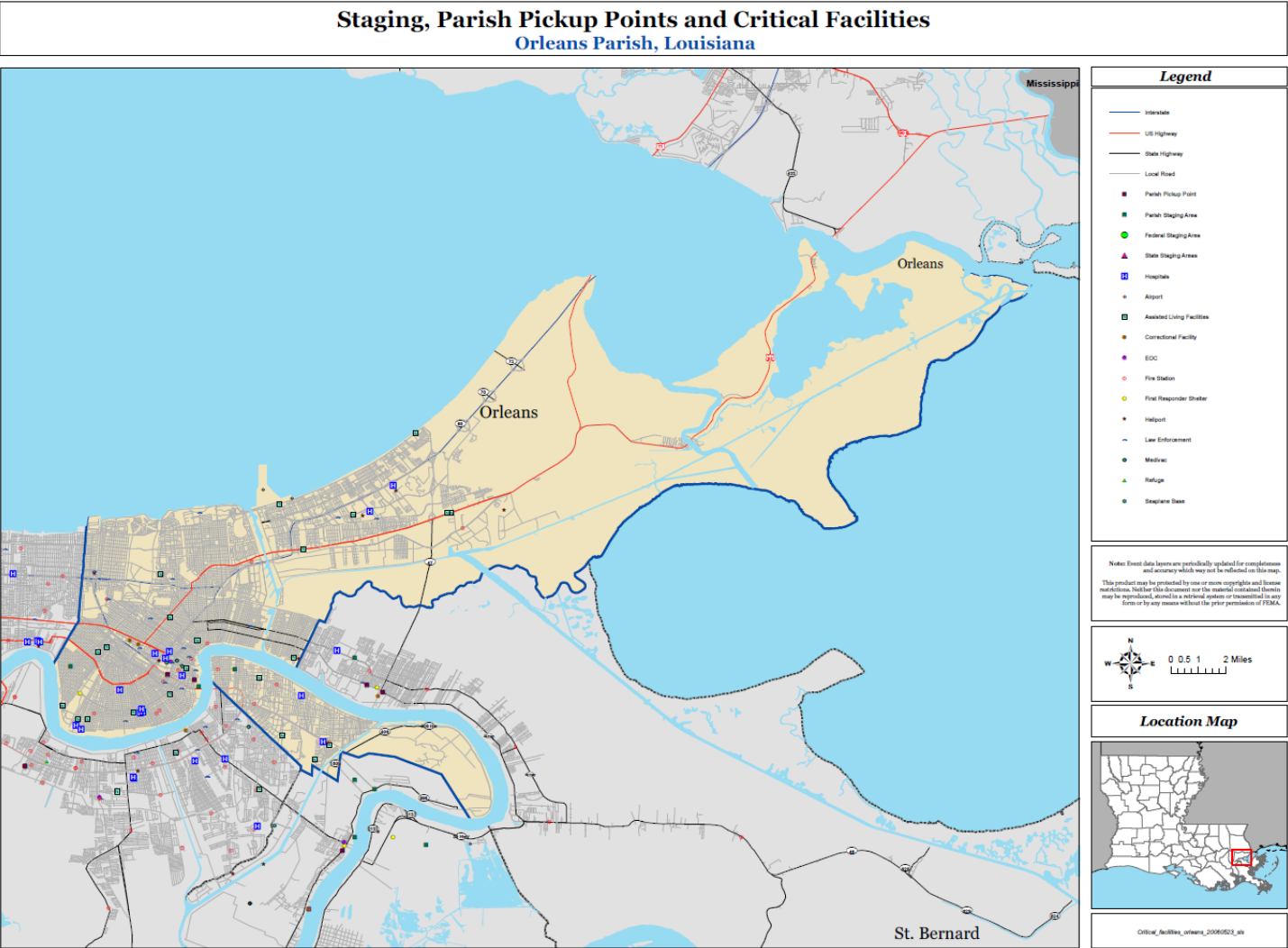
- 1,000 deployed resources
 - Wastewater/sanitary engineers, insurance specialists, 406 mitigation specialists, cost estimators, civil engineers, general planners, policy advisors, debris specialists, historic preservation specialists, construction managers, architectural historians, historic architects, National Environmental Policy Act environmental specialists, and project formulation specialists with civil, mechanical, and electrical engineering backgrounds.
- 30 geospatial analysts!!!



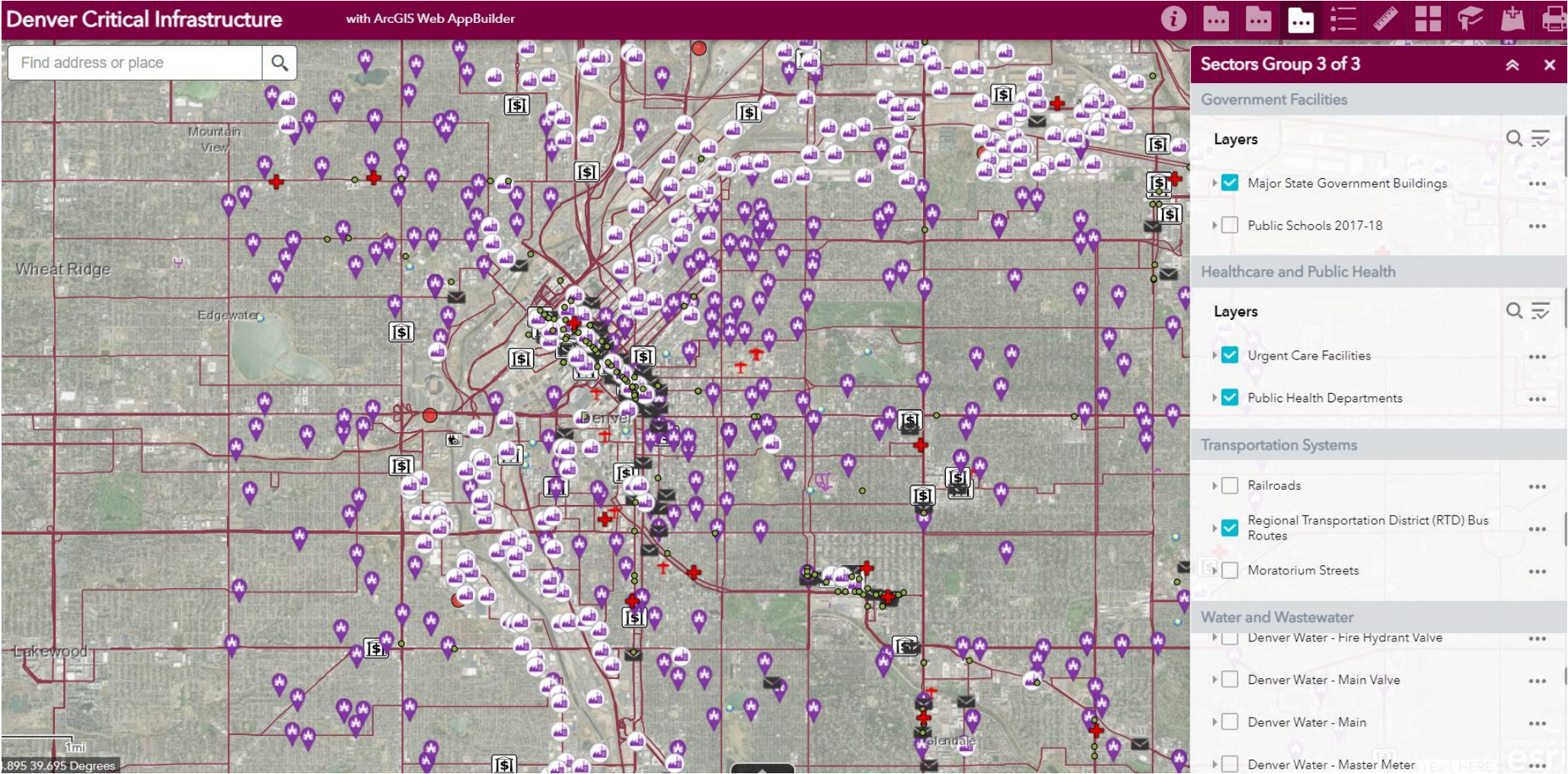
Temporary Housing



Critical Infrastructure



Critical Infrastructure



Critical Infrastructure

Water Systems Community Lifeline Steady State

Select a FEMA Region
No FEMA Region Selected

Select a State or Territory
No State/Territory Selected

Select a County
State Selection Required

Select a Tribal Area
No Tribal Area Selected

Wastewater Treatment Plants

14.6k

(in map extent)

3.6k

Type: Major
(in map extent)

10.9k

Type: Minor
(in map extent)

Wastewater Treatment Plants - Summary

- ▲ **KEOKUK CITY OF STP - KEOKUK, IA**
Type: Major - Non-Federal
- ▲ **NORTH KUEHLER WWTP - NEW BRAUNFELS, TX**
Type: Major - Non-Federal
- ▲ **CITY OF SAN JUAN WWTP - SAN JUAN, TX**
Type: Major - Non-Federal
- ▲ **SILER CITY WWTP - SILER CITY, NC**
Type: Major - Non-Federal
- NEVADA WWTF - NEVADA**

Major: Publicly owned treatment works (POTWS) with 1 million gallons of flow per day or greater, or POTWs serving a population of 10,000 or greater

Minor: Municipal and industrial facilities that have not been designated as major

FOUO//Unclassified

Legend

U.S. States

U.S. Counties & Territories

BIA American Indian and Alaska Native Land Area Representations (AIAN)

328.9M

Population

Drinking Water Treatment Plants

38.9k

(in map extent)

27.6k

Type: Community

(in map extent)

| | |
|---|--|
| <p style="font-size: x-small; margin: 0;">Non-Community Non-Transient</p> <p style="font-size: 2em; margin: 0;">6.6k</p> <p style="font-size: x-small; color: #666;">(in map extent)</p> | <p style="font-size: x-small; margin: 0;">Non-Community Transient</p> <p style="font-size: 2em; margin: 0;">15.1k</p> <p style="font-size: x-small; color: #666;">(in map extent)</p> |
|---|--|

Community: Supplies water to same pop. year-round
Non-Transient Non-Community: Supplies water to >25 same people for >6 months/year

Critical Infrastructure



Damage Assessments

Up to projects.dewberry.com

FEMA Region VI Debris

Home

This site allows FEMA Region VI staff, contractors, and related personnel to collaborate on Region VI debris removal activities in the wake of hurricanes Katrina and Rita.

Site-Wide Announcements

Need a password reset?
If you or someone else on your team has forgotten their password, email SharePoint_Admin@dewberry.com to have it reset.

Announcements

DEQ Debris Plan Revision NEW 10/10/2005 9:15 AM by John.Rogers
The October 7th revision was uploaded today. 10/10/05

Pieces of the pie 10/1/2005 9:06 PM by Bill Hines
To the Debris Management Task Force,
Congratulations! The pieces are starting to come together.
I have uploaded the initial parts of the draft plan, in "shared documents", to include the recently updated DEQ components....

DEQ Debris Plan revised 10/1/2005 11:17 AM by John.Rogers
September 30 revision to DEQ debris plan was successfully uploaded.


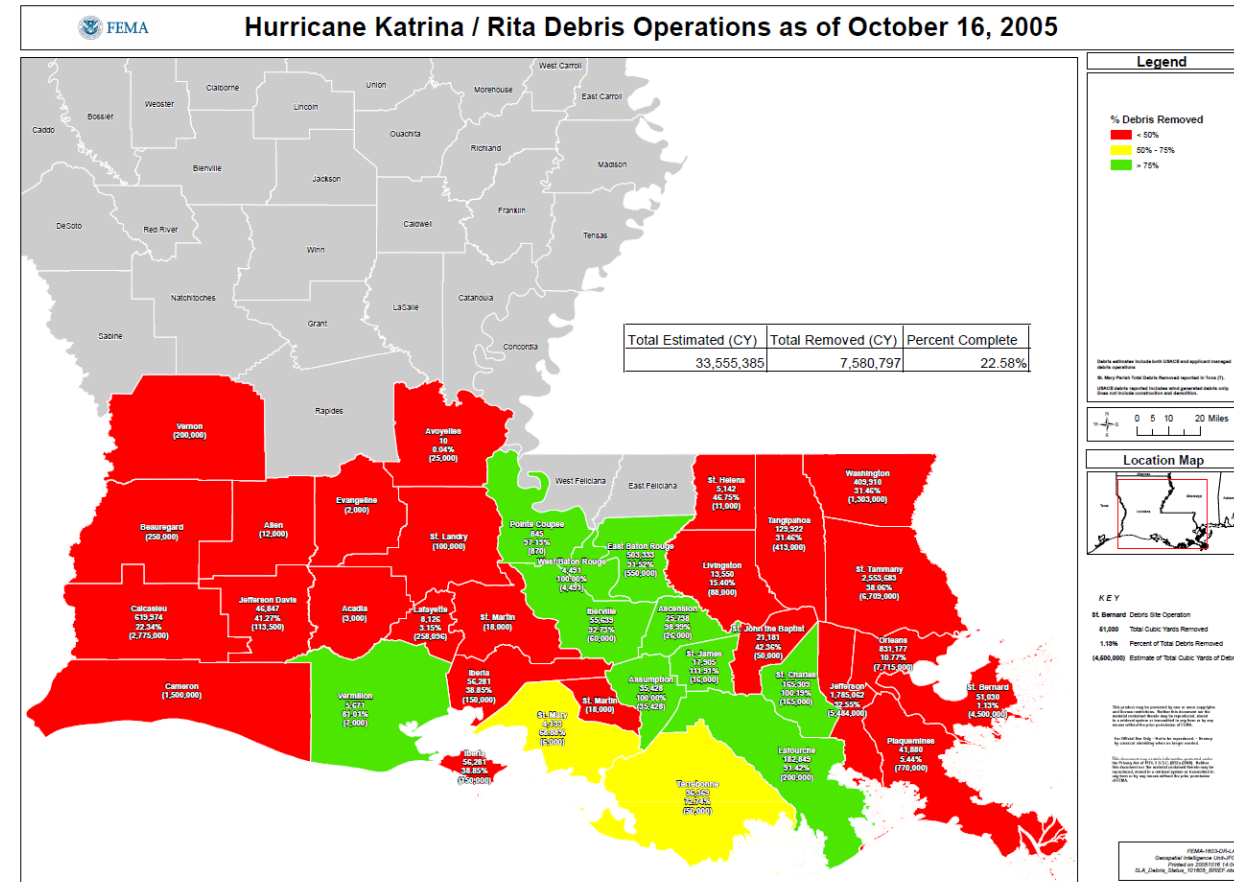
Change password 9/30/2005 8:45 PM by Catherine Bohn
Instructions to change the provided password:
Site Settings | Manage My Information. Click on update my information and then change password.

Links

- LDEQ Current Debris Site Map
- State of Louisiana Public Assistance website
- Add new link

Debris Task Force

| Type | Name | Modified By |
|-----------------|------|---------------|
| Misc. Updates | | Steven.Norton |
| Debris Timeline | | Steven.Norton |
| Generator | | Steven.Norton |
| Blue Roof-Rita | | Steven.Norton |

Damage Assessments



FEMA Damage Assessment Application

Select to... | Daily Brief | Attachment Viewer | Batch Grids | Check out Grids | Filter Grids | Assess Damage | Swipe | Layer List | Bookmarks

Instructions

Daily Brief
3/25/25, 11:09 AM

Todays Summary:
Todays summary is we will walk through the GSDA Application and review new functionality

Priority Areas:

Notices:
Some of the instructions are not complete yet

Last edited by
FEMA_HQ_GeoDamageAssessments on
3/25/2025, 11:32 AM.

Map view showing a satellite-style map of a region including London, Pine Grove, and Low Jackson. The map is overlaid with various colored polygons (green, purple, yellow) and a grid. The interface includes a search bar, a layer list, and a 'Clear all' button.

What's Next for You?

- 2005 – 2025: advancements in technology
- How to integrate future technology enhancements into operations?
- Are you ready for the shifting federal funding priorities and changing state/local EM responsibilities?
 - Communicate
 - Know your data – quality, source
 - Understand the questions that will be asked
 - Have a plan
 - Train your analysts
 - Be flexible