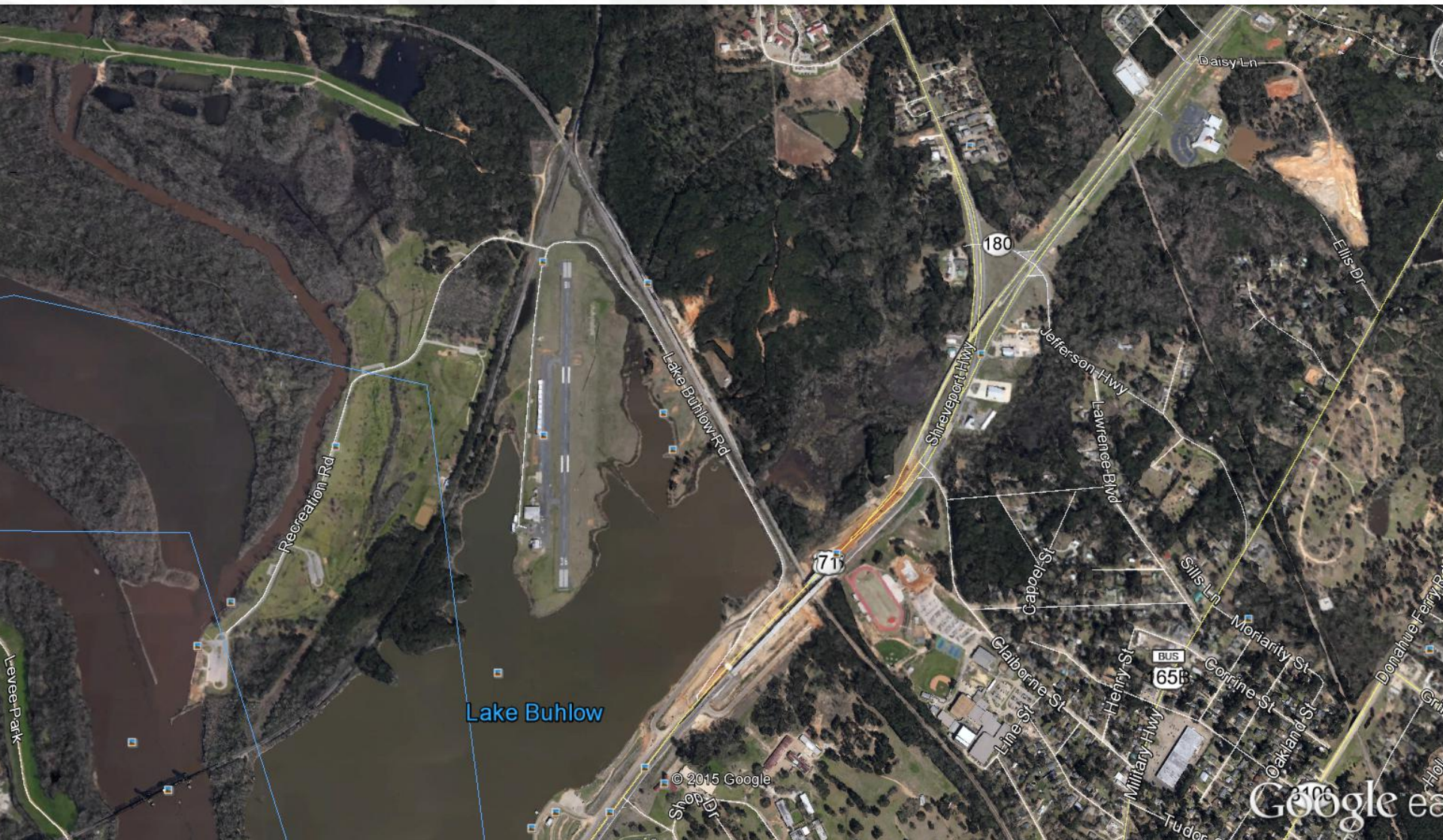
Stephen M. Moss

Chief Information Officer

Pineville Fire Department

May 5, 2002

Railroad tanker **exploded** on railway north of the Pineville **Municipal Airport**


Daisy Ln
180
Ellis Dr
Jefferson Hwy
Shreveport Hwy
Lawrence Blvd
Lake Buhlow Rd
Recreation Rd
71
Gaspel St
Sills Ln
Moriarity St
Claiborne St
Henry St
BUS
65
Corrine St
Oakland St
Line St
Military Hwy
Donahue Ferry
Levee Park
Lake Buhlow
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Shop Dr
Tudor
Google

Goals in controlling any incident quickly + efficiently

- **Quick response** of service.
- Accurate **current data.**
  - Weather + Maps + Hazmat Information
- Ability to **retrieve** and **send data** through multiple sources.
- **Accurate** and **timely reporting.**

Quick overview of incident

- 1655 **Incident reported** by Pineville Police department.
- 1659 **Fire Crew arrival** report **2 possible tank cars** *leaking* no flames.
- 1700 reported **tank car UN Numbers** to **Pineville Fire Department** Dispatch.
  - **Tank #1 (UN # 1479) Tank # 2 (UN # 1268)**

Quick overview . . . (continued)

- 1700 dispatch confirmed **wind speed south wind 18 mph**
- 1723 dispatch contacted **Chemtrec**
- 1735 dispatch contacted **Kansas City Railroad**
- 1737 dispatch contacted **Union Pacific Railroad**

Quick overview . . . (continued)

- 1825 **Kansas City Railroad** responded back to dispatch tank car #1 was carrying **Sodium Percarbonate**.
  - Tank car #2 was carrying **Flammable Liquid Petroleum**.
- 2114 Airport was **closed till further notice** for **cleanup** of the immediate area.

Quick overview . . . (continued)

- 0115 **Fire Crews** were released from scene by **State Hazmat Team** and **DEQ**.
- The next morning operations for **clean up** were continued on site.

Conclusion

- More **information** was needed about **hazardous material** at the site.
  - For containment, if necessary, **topographic maps** were needed. **Better communications** with **railroad facilities** were needed.
- The command staff and Hazmat Teams will be interested in **video** to help them **evaluate** the situation.

Conclusion (continued)

- Although we had communication between our crews on scene and our dispatch center, our **ADASHI program usage** could have been maximized if we were using **real-time data** on scene.

Conclusion (continued)

- A **constant data communication source** supplying **wind speed**, **wind direction** and **relative humidity** would have automatically updated maps, evacuation distances and plume models.

Fire department pre-plans

- When responding to an emergency situation, fire departments today have, for the most part, an **advantage**.
- Preplanning efforts by fire departments have *increased* their **efforts** in obtaining all necessary documentation needed for pre-plans.

Fire department pre-plans (continued)

- Pre-plans are essential for ***Initial Action Plans*** for any emergency situation.
- Pre-plans can be done on **events**, **buildings** or **geographic locations** such as railroads.

Fire department pre-plans (continued)

- At present time our department, is taking **pre-planning** to its **next evolution**.
  - We are **pre-planning** all commercial occupancies in **real time data** from 6 Apple IPADs with cellular 4G connection.

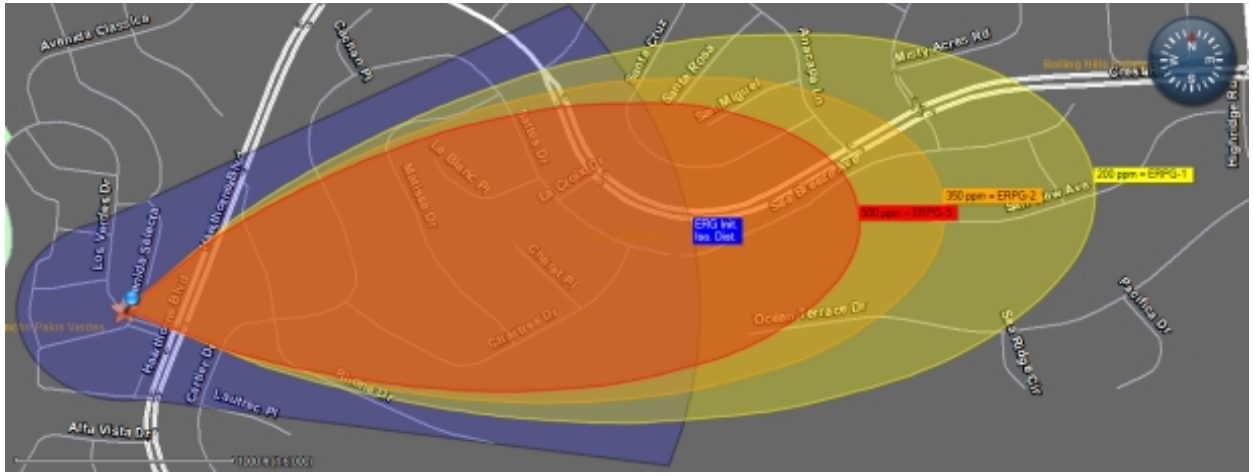
Fire department pre-plans (continued)

- As soon as data is entered it can be viewed on any Pineville **Fire Department Station Based Computer** located in the **Fire Administration Building**, **Station**, OR **Dispatch Computer** OR **IPADs**.
  - Pre-plans are up dated **twice a year**.

Fire department pre-plans (continued)

- These consist of **building diagrams**, nearest **hydrants**, or any **obstacles** pre-identified on the **pre-plan** that may **hamper** a response to that particular occupancy.


SAMSUNG
12:00 PM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Santa Cruz
Santa Rosa
San Miguel
Amarosa Ln
Misty Acres Rd
Rolling Hills Rd
Highridge Rd
Los Verdes Dr
Rolling Hills Estates
La Blanca Pl
Matisse Dr
La Cresta Dr
Charnock Pl
Charnock Dr
ERG Int. Isa. Dist.
350 ppm = ERPG-2
300 ppm = ERPG-3
200 ppm = ERPG-1
Ocean Terrace Dr
Pacifica Dr
Ruby's Cir
Cartier Dr
Laurisc Pl
Alta Vista Dr