

Gastar Gas Well Preplan

12/11/10

Name and Location

- Gastar Well Williams 1 & 2
- Hilltop Drive, Hilltop Lakes, Texas
- Latitude: 31.6.17
- Longitude: 96.12.54

Key Players

Gastar

- James Rekieta, VP Drilling cell 832-212-1022
- David Rhodes, VP Production cell 903-746-0527
- Trish Livergood, Safety cell 281-844-8063

Boots and Coots

- Mike Baggett cell 713-410-8857

Gastar Operations and Precautions

Gastar operators are on site during the drill. They will handle all situations that arise, as well as monitor for unusual activity either on the rig or in the hole.

The drilling company conducts safety tests on its equipment on a regular basis, including BOPs (Blow Out Preventers) and other well control systems.

- **Gastar is not a “wait and see company”.**
- **Approximately \$20 million invested in this well.**
- **Gastar will err on the side of caution very early on.**
- **Gastar will ensure they have the measures in place to help protect our community and their investment.**

Gastar Operations and Precautions

When the personnel on the rig notice something unusual in their monitoring, or something unexpected occurs, they immediately call in Boots and Coots who specialize in well control.

Boots & Coots as well as Gastar will conduct an initial assessment and determine what steps need to be taken, including evacuation.

Different well control measures will be attempted to handle the situation and bring the well back into the normal operating mode.

If the situation begins to escalate, Boots & Coots will bring in additional equipment and manpower and Gastar will bring in another company to handle logistical issues as well as help with a potential evacuation.

Gastar Operations and Precautions

- Gastar will assume Incident Command when they detect a potential hazard and notify the Hilltop Lakes VFD.
- The HLVFD will notify Centerville Sheriffs Office of a pending emergency.
- All HLVFD equipment will be moved to the church parking lot and a command station will be set up. All EMS and Fire personnel will report to the church parking lot for assignments.
- If the situation continues to escalate, Gastar will notify Boots & Coots. Upon the arrival of Boots & Coots they will take over Incident Command and the HLVFD will play a support role.

EVACUATION

In the event an evacuation is ordered, HLVFD and the sheriffs office will assist in coordinating the evacuation.

The reverse 911 system will be used and all homes in the danger area will be notified by phone by the Centerville Sheriffs office. The Sheriffs office will advise the homeowner to leave their home immediately and report to the Chapel for further instructions.

The Sheriffs office will advise the homeowner during the reverse 911 call that if they need assistance in evacuating their home (medical or physical issues) to call 911 and advise the dispatcher of their situation. The dispatcher will notify HLVFD and we will respond to assist the homeowner.

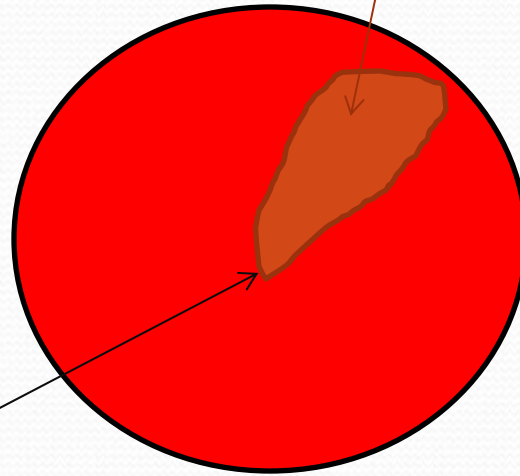
EVACUATION

Upon arrival at the Chapel, homeowners will be given information pertaining to the situation and, if necessary, Gastar will provide off site lodging.

Red (HOT)
Zone
300-500'
radius

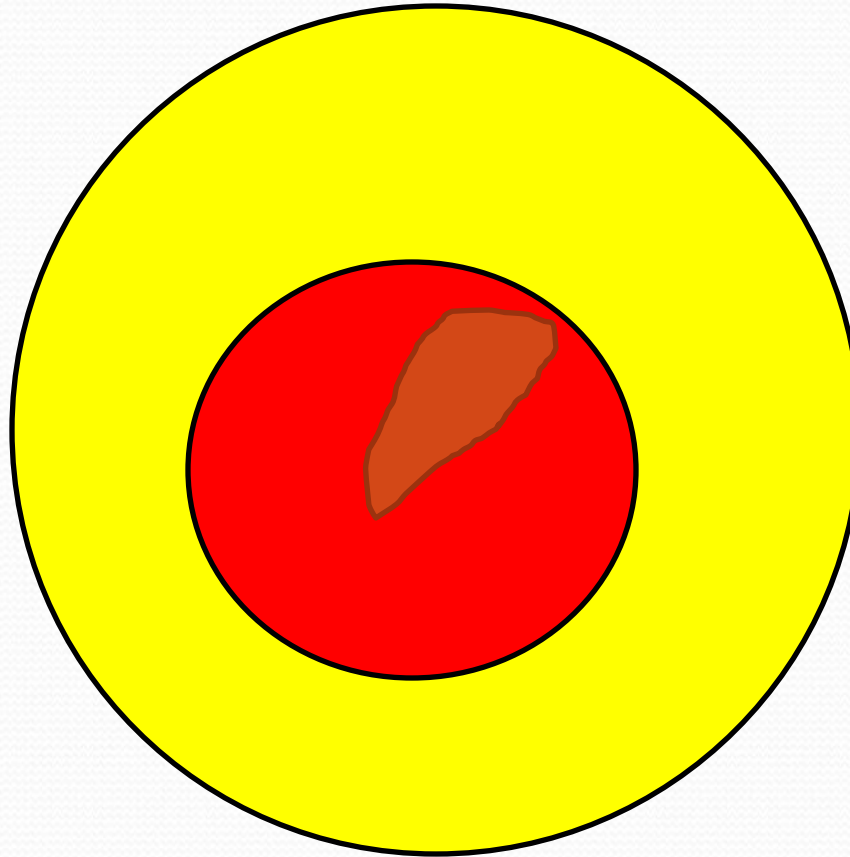
Plume

Well



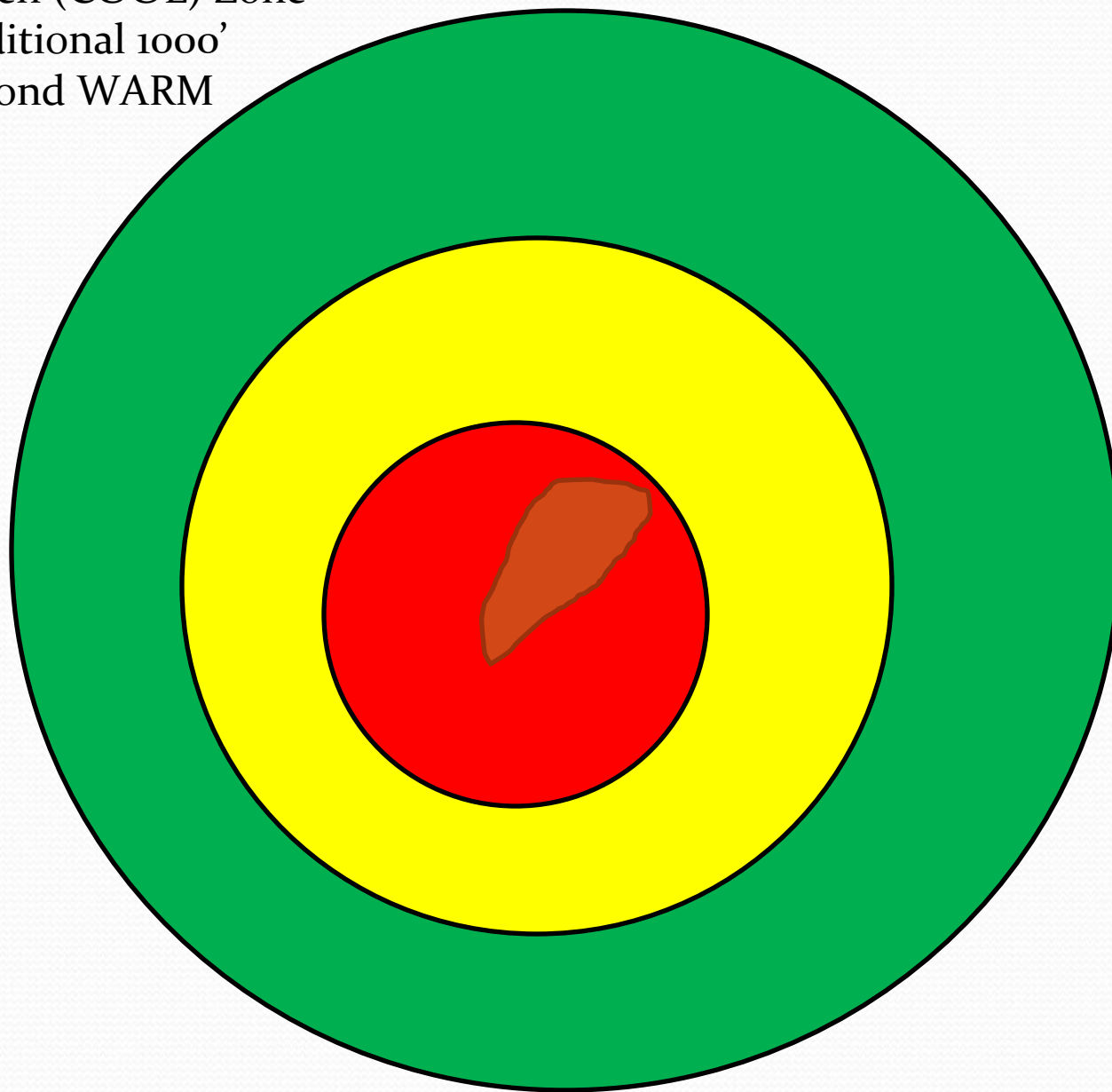
HOT zone boundaries are set by current and forecasted prevailing winds. This information along with other weather and localized data are used in a computer modeling program to simulate the size, and direction of a potential plume spread.

Yellow (WARM)
Zone
Additional 500'
beyond HOT



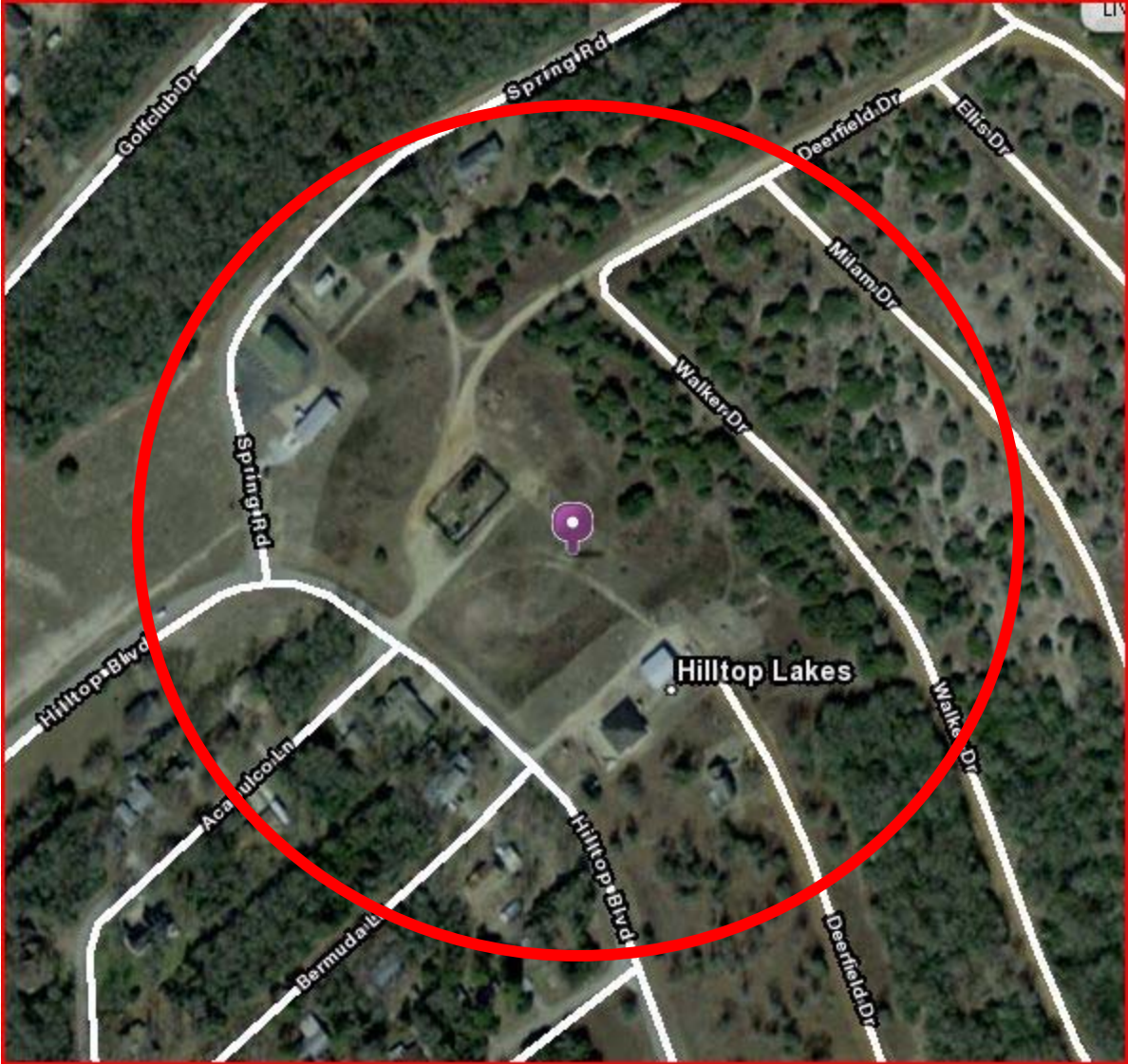
- The WARM zone is determined along with the red zone.
- Both HOT and WARM will be enforced evacuations.
- The designation between WARM and HOT zones are related to safety factors for the responders.
- The HOT zone is considered an immediate danger to life or health area (IDLH).

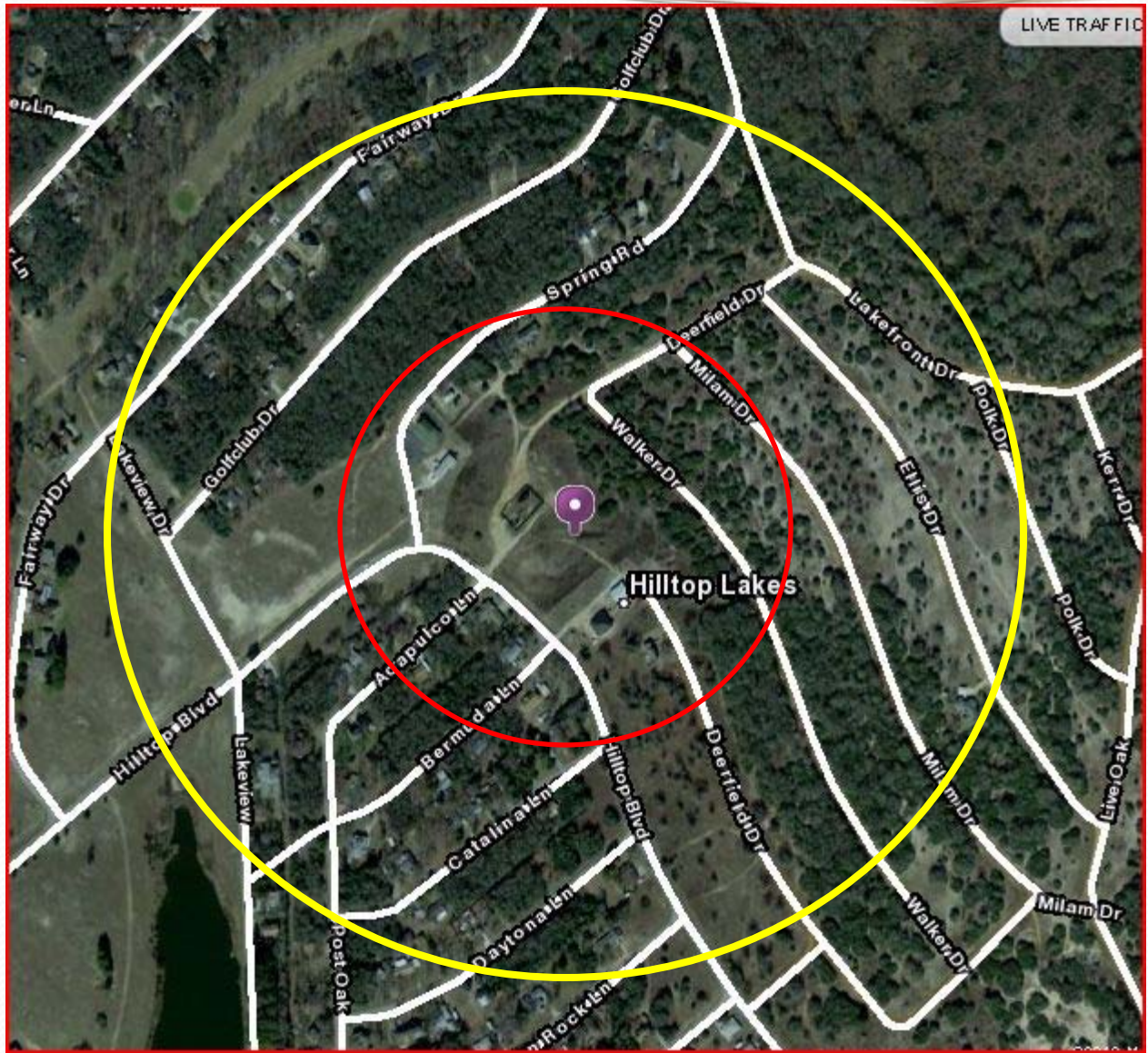
Green (COOL) Zone
Additional 1000'
beyond WARM



- COOL zone may or may not be an enforced evacuation
- COOL Zone defines outer limits of incident
- Staging areas are in COOL zone.

RED ZONE (IMMEDIATE EVACUATION)

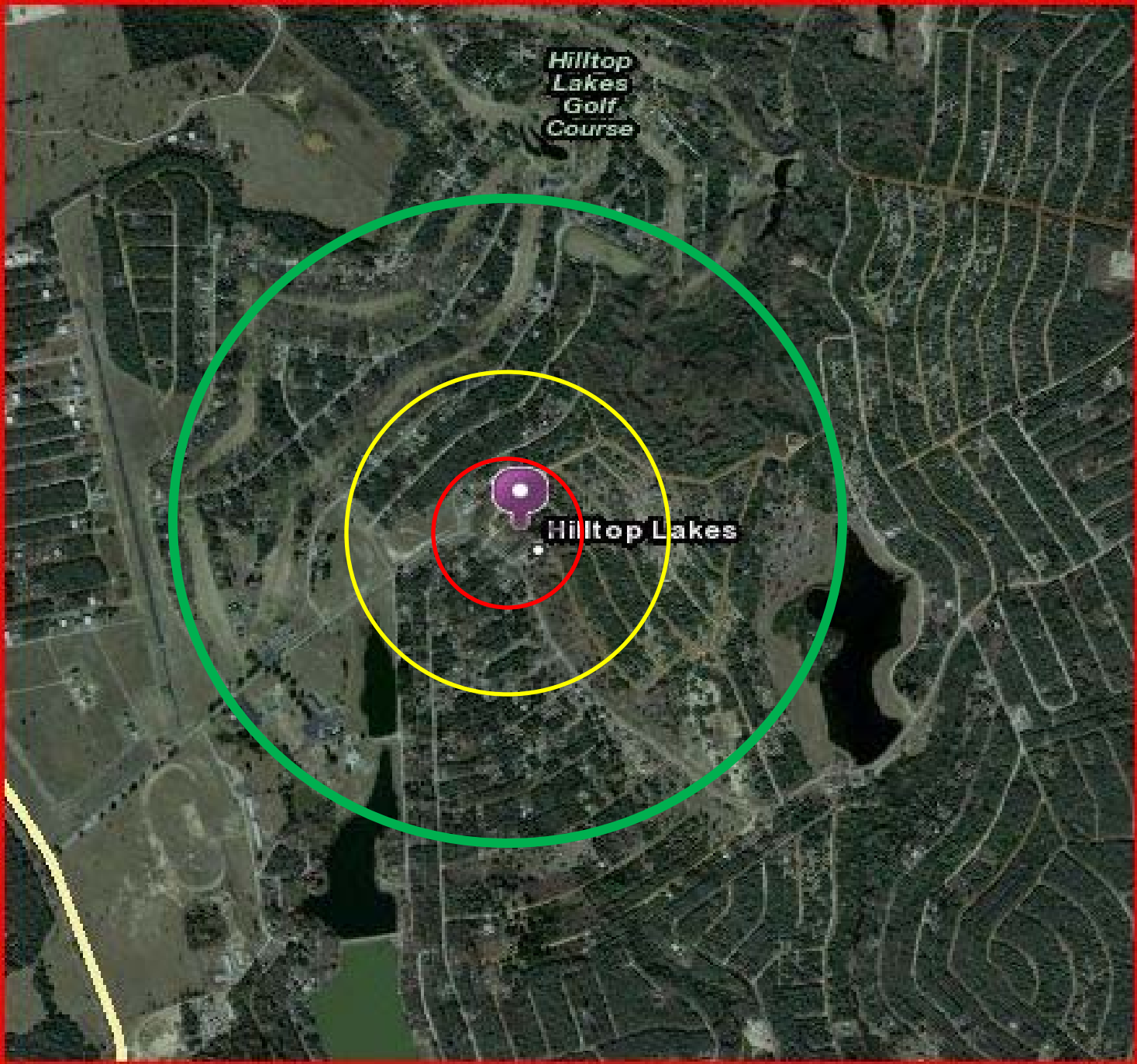




LIVE TRAFFIC

Hilltop Lakes

erLn
Ln
FairwayDr
ViewDr
GolfclubDr
SpringRd
DeerfieldDr
BakerfrontDr
PolkDr
KerrDr
PolkDr
WalkerDr
MilamDr
EliotDr
HilltopBlvd
Lakewood
AcapulcoBlvd
BermudaBlvd
HilltopBlvd
DeerfieldDr
MilamDr
LiveOak
CatalinaBlvd
DaytonaBlvd
PostOak
WalkerDr
MilamDr



Hilltop
Lakes
Golf
Course

Hilltop Lakes

Gastar PR and Logistics Group

As Incident Command, Gastar will call in their PR and logistics team to begin planning for evacuation, and logistics for the responders.

Remember, at this point we have no blowout, no fire, just the potential, and all of this work is in preparation for the worst case scenario.

There will be two basic teams working with Gastar, this PR group and Boots and Coots. Each will have their roles.

HLVFD role is to aid where we can, but not run the scene, and assist with the evacuation.

Gastar PR and Logistics Group

Gastar has already put together the following information:

- Names, addresses and phone numbers for those within 2000' of the well.
- Names and contacts of local and state officials for aid or notification purposes.
- Listing of local hotels and motels available to the potential evacuees.

Gastar PR & Logistics Group

Gastar will:

Talk with each home that needs to be relocated, and find accommodations for those who have not provided for themselves already.

Set up a local center for face to face information and aid, most likely the church complex.

Mobilize personnel to assist in relocating residents and bringing in security to patrol vacant residences.

Make plans with residents, if necessary, to accommodate lengthy relocations.



QUESTIONS?