

# The Hawk Leak Detection System (HLDS)

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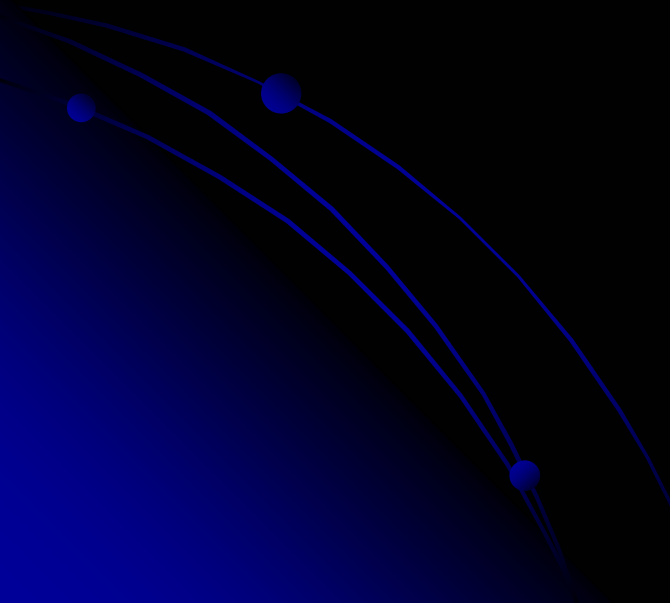
# Background

- 2 ½ years field surveys
- Lab tested with LDL established
- 5 side by side field studies w/ method 21
- Domestic and International Crews
- Over 3000 hrs. logged in 05
- 900 hrs. aerial surveys
- Approximately 20k miles of pipeline in 05
- AWP placed in federal Registry April 7, 05


# Benefits of AWP

- Reduce Emissions
- Reduce Survey Cost
- Increased Safety
- Audit Control
- Remote Leak Detection
- Pinpoint the leaking source
- Survey hard to get to places for the ground
- Survey up to 3000 components per hour

# What's next

- Air study 4Q, 06
  - Quarterly aerial monitoring
  - Ship and barge monitoring
  - Shipping terminals monitored
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# 2007

- AWP become law by 1Q, 07
  - TCEQ adopts regulations
  - Industry conducts pilot projects
  - Federal and state regulators audit pilot projects
  - **Everybody's happy**
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# conclusion

- More frequent monitoring of each facility
  - Find and repair the larger leaks faster
  - Monitor the entire facility every 60 days
  - Accurate emissions inventory
  - **Real emissions reduction**
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