Beyond Traditional Wellhead Inspections with a Down-Well Camera

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Wells Inspections

- Wells previously identified with water quality problems
  - Bacteria (total coliform and *E. coli*)
  - Severe corrosion
  - Organic matter
  - Nitrate
  - Tannin
  - BETX

- Locations
  - 18 Counties across Georgia
  - Kentucky Jackson Purchase Area
Well Types and Aquifers

- **Well types**
  - Bucket auger bored
  - Drilled (open hole)
- **Aquifer types**
  - Alluvial
  - Crystalline rock
  - Confined carbonate
UGA Well-CAM

Well-Vu

An economical, self-contained viewing system ideal for well or other down-hole applications.

- NEW for 2003
- Product Line
- WY 120
- WY 300 (Color / Black & White)
- WY 500 (Color / Black & White)
- WY 1000
- Accessories
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Leaks and Holes
Casing Leaks
Conclusions

• Down-well videos can identify avenues for contamination and are an effective step beyond traditional wellhead inspections.
• Complex hydrogeology and well engineering principals are easily conveyed.
• This visual information has a place in education programs for protecting groundwater resources.