

Public Meeting October 2, 2003

Update on EPA's investigation into the
presence of PERC in subsurface soils

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Active Soil Vapor Sampling

- Conducted by Chevron at 68 residential properties and by EPA at 4 residential properties
- Sample locations on Eastern (41 locations), Oglethorpe (30 locations), and 8th (1 location)
- Samples collected from beneath basement slabs

Summary of Active Soil Vapor Results

- PERC in soil vapor samples collected from twelve residences were above a screening level for a possible long term health risk.
- PERC results at two of the twelve residences were above a screening level for a possible short term health risk.

EPA Summer Work

- Time frame: July/September 2003
- Purpose: take samples at homes where active soil vapor samples were above long and short term soil screening levels for PERC
- Additional locations considered to address data gaps

Scope of Work

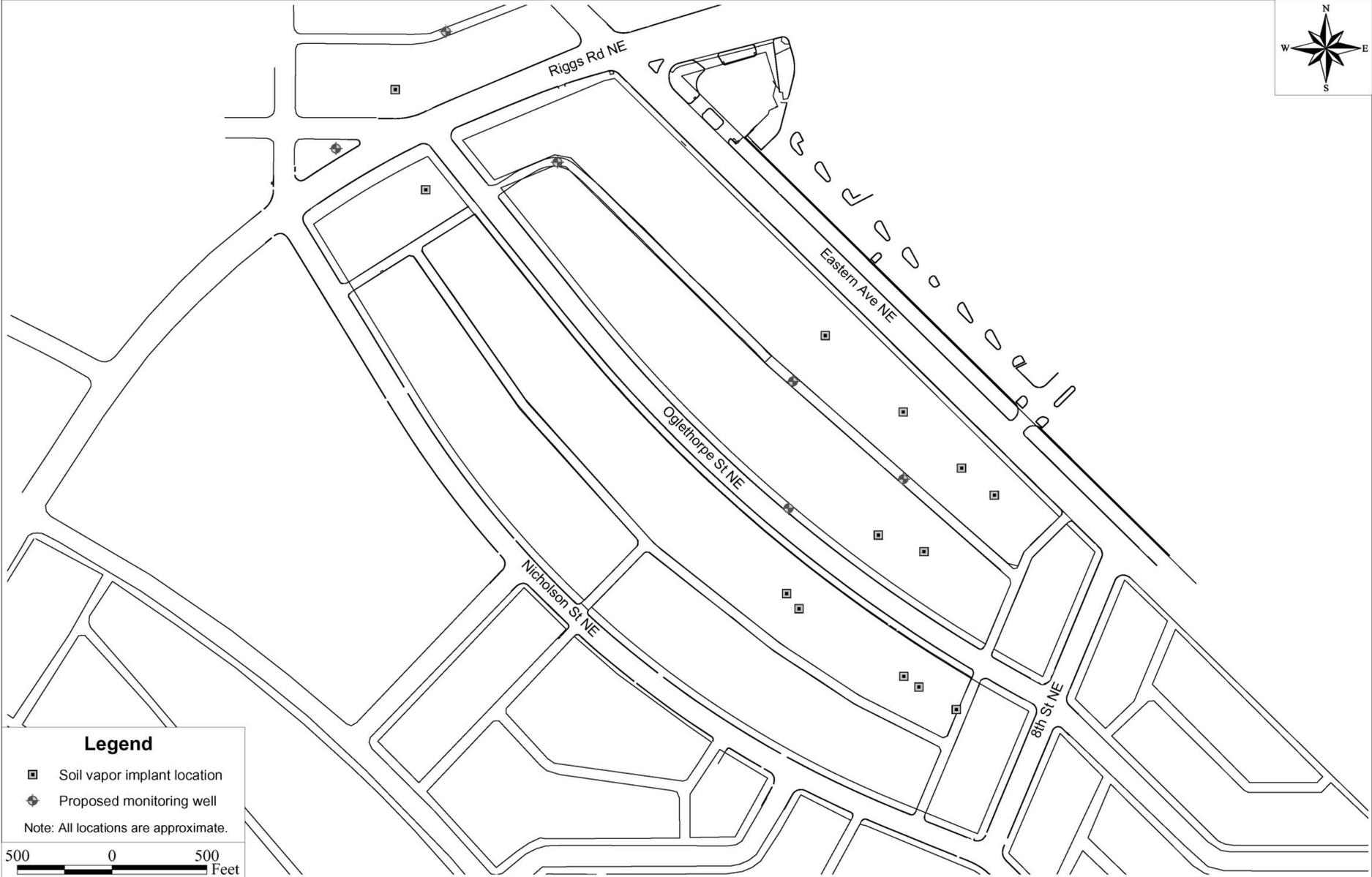
- Installation of permanent soil vapor implants (13) and direct-push ground water monitoring wells (6).
- Collection of soil vapor (13), groundwater (6) and tap water samples (2)
- Collection of sump water samples (if water present)

Scope of Work, continued

- Real-time screening of homes using the Environmental Response Team's (ERT) Trace Atmospheric Gas Analyzer (TAGA) prior to indoor air sampling
- Collection of indoor air samples using SUMMATM canisters (46 samples, 23 homes)

Future Work

- **October, November 2003** - Analytical results from summer sampling activities to be reviewed by EPA. Home owners will receive their results from sampling.
- **December 2003** - Present results to the public.
- **January, February, March 2004** - Resample soil vapor and indoor air at locations sampled in summer 2003.
- **June 2004** - EPA evaluate results and report results to residents and the community. Determine if need for further action.



Legend

- Soil vapor implant location
- ◆ Proposed monitoring well

Note: All locations are approximate.



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