



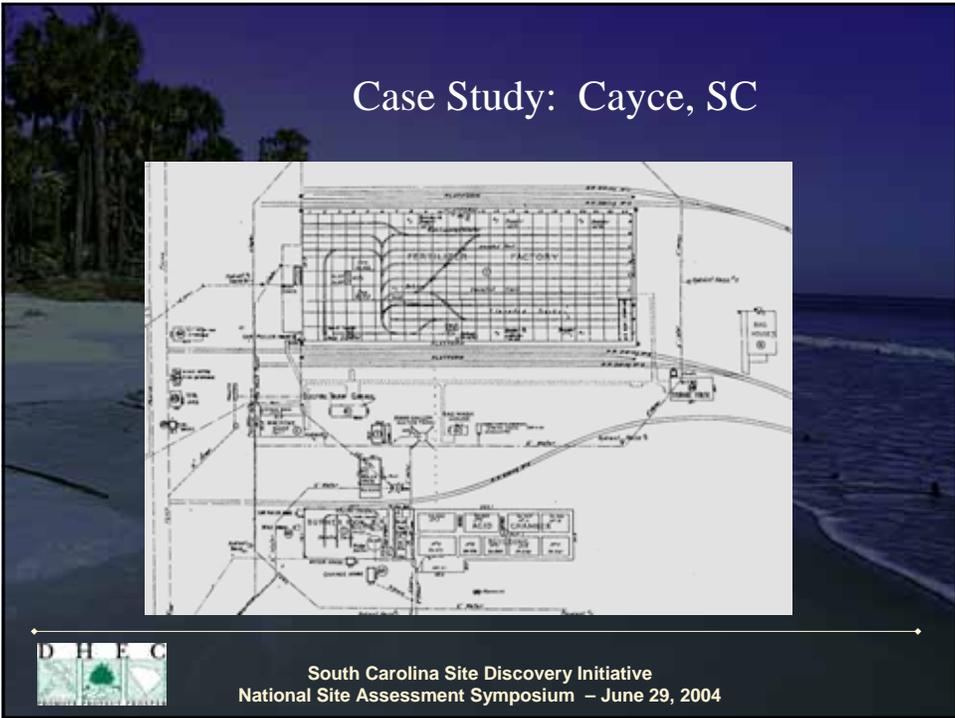
USEPA / South Carolina  
Self-Directed Work Team

# Site Discovery Initiative, continued...

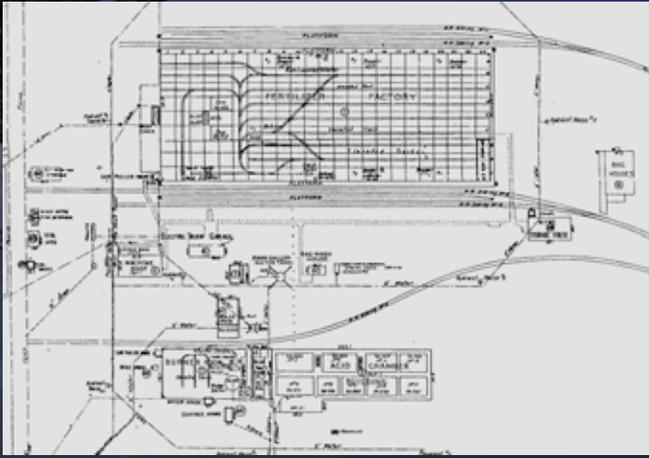
Jonathan McInnis

June 29, 2004

National Site Assessment Symposium  
SC Department of Health & Environmental Control



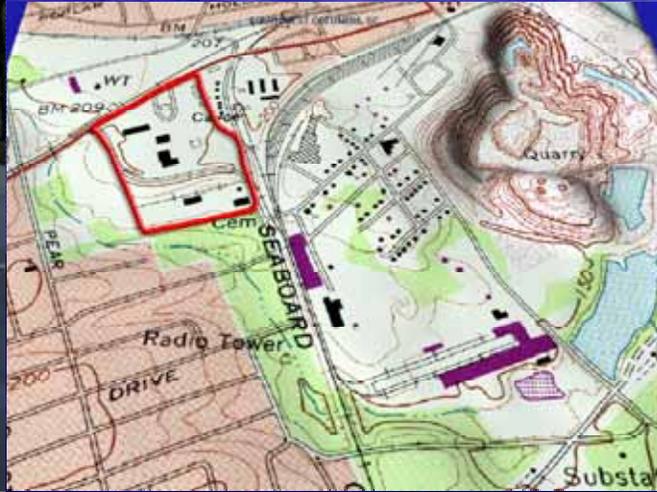
## Case Study: Cayce, SC



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## Case Study: Cayce, SC



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## Discovery Initiative: MGPs

- 17 identified
- 9 being addressed at SCDHEC
- 6 evaluated by SCDHEC Site Assessment
  - 3 sampled under Pre-CERCLIS, referral to USEPA ERRB
  - 1 sampled, awaiting data
  - 2 Prescreened (no action)
- 2 unable to locate



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## Discovery Initiative: MGPs



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## Discovery Initiative: MGPs



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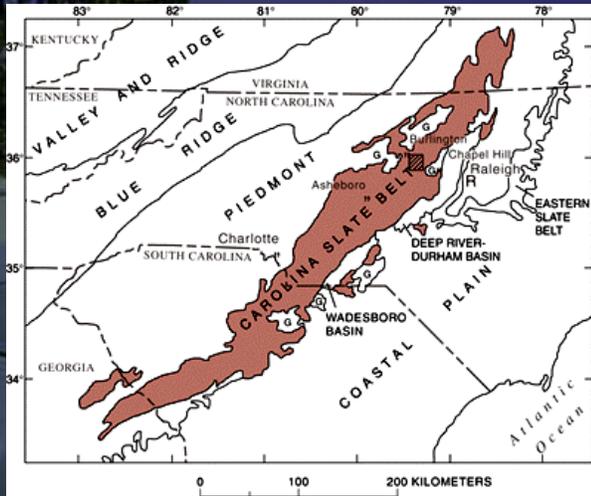
## Discovery Initiative: Gold Mines

- Focus due to problems with recently closed mines
- SC home to nearly 200 gold mines
- Mercury Amalgamation process lost 10-30% of mercury per year (100's lbs. per year)
- Locating sites is difficult given timeframe and lack of records



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## Discovery Initiative: Gold Mines



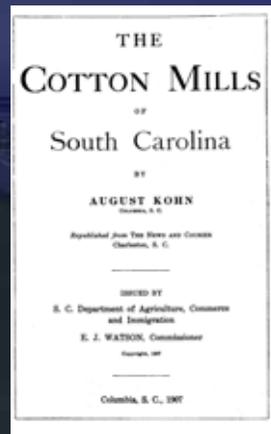
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## Discovery Initiative: Gold Mines



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## Discovery Initiative: Closed Textile Mills



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## Discovery Initiative: Closed Textile Mills

- Inventory: 336 mills built before 1958
- 62 listed as dyeing/finishing, 12 of which were open by 1907



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## Focus Area Workload

Focus Area	Number Identified	Site Assessment Activity	other DHEC program involvement	Need Evaluation
MGP's	17	6	9	2
Metal Plating	89			~31
Pesticide Formulation / Blending	85	22	4	15
Closed Dyeing/Finishing Textile Mills	62	~8	??	~40's
Wood Treaters	33	10	10	13



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## Site Discovery Initiative Summary

### Needs:

- Research, research, research, luck
- Employees interested in the historical aspect
- Public Relations
  - Be prepared to answer “Why are you looking at this now?”



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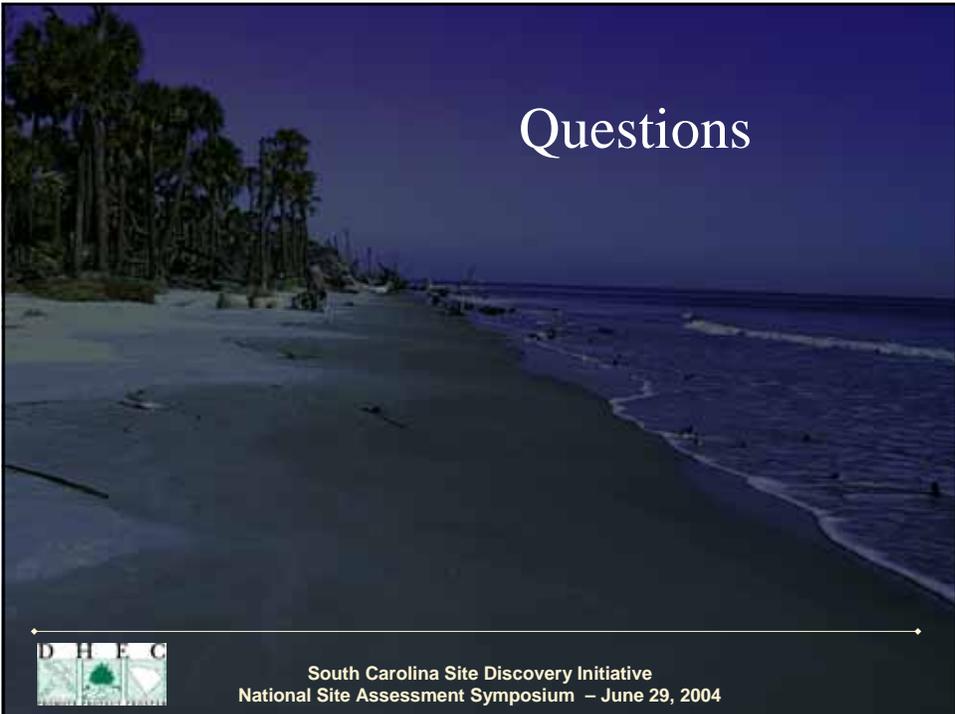


## Site Discovery Initiative Benefits

- SDI yields “quality” sites that otherwise may not be addressed
  - SDI sites account for ~30% of our active sites, but 50-60% of our workload
- Spending \$ on sites that matter



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## Questions



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