Acton CWRMP

Where are we, Where are we going?

Phase II

- Phase II is now almost complete
  - Report will be published early 06
- Solutions identified and ranked for 15 Needs Areas
- High priority needs areas ranked in order of priority

What is a Needs Area?

A grouping of parcels that have a "NEED" for a wastewater disposal solution other than their current onsite wastewater (septic) system.

What Determines Need?

- High number failed systems
- Poor soils
- Wetlands, flood plains, environmentally sensitive areas
- Small lots
- Aesthetic and environmental impacts
- High groundwater elevations

4 Solutions

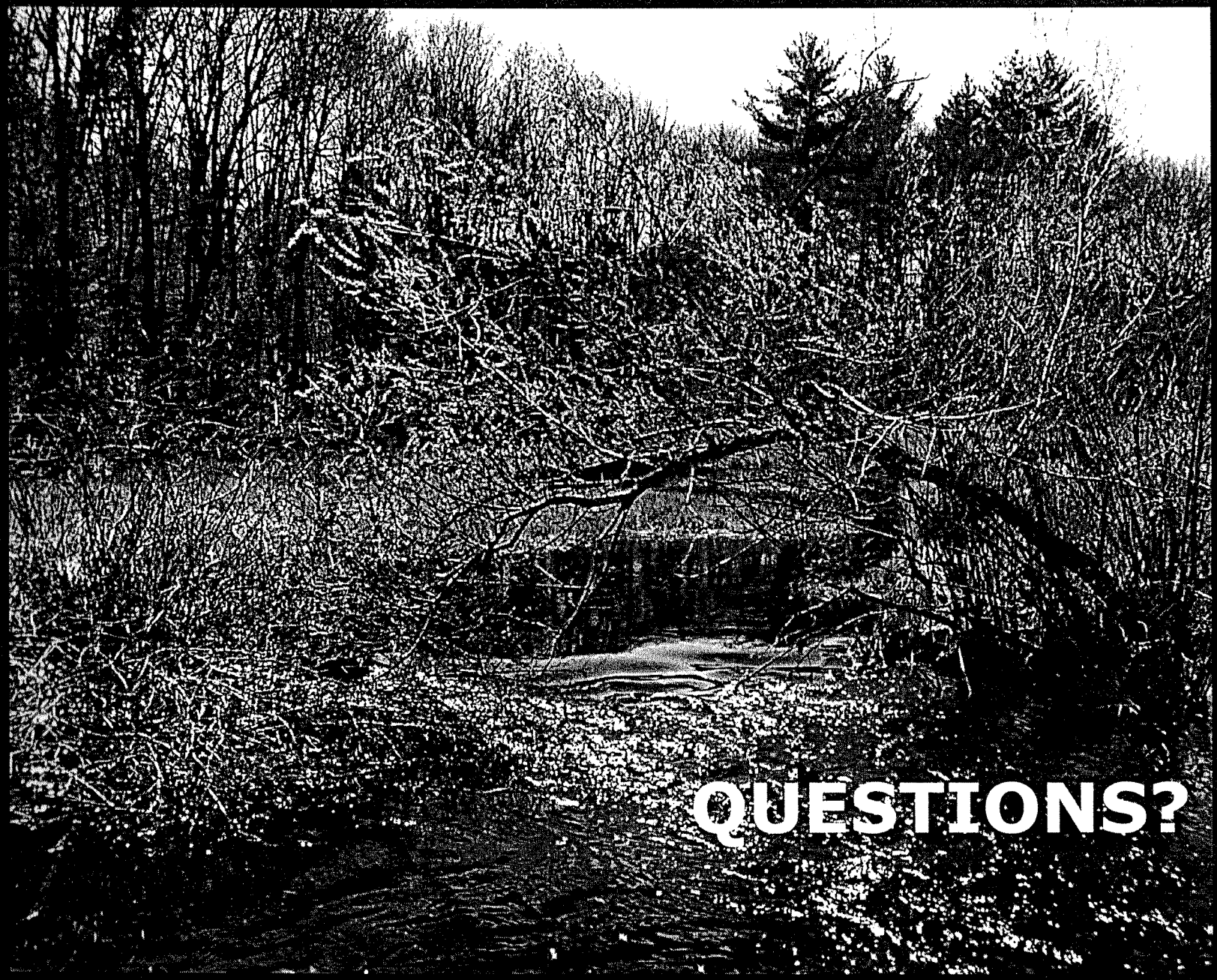
1) Connect to the Existing Sewers
2) Construct New Sewer System and Treatment Plant
3) Cluster/Neighborhood Systems
4) Wastewater Management Districts

High Priorities

1) Powdermill Plaza
   - Agreement signed with the Town, will connect
2) West Acton Center (East of the RR Tracks)
   - Includes the Douglas and Gates Schools
3) Spencer/Tuttle/Flint Neighborhood
4) West Acton Center (West of the RR Tracks)
5) East Acton/Route 2A Corridor below Rte. 27
6) Indian Village

What's Next

- Phase II report to be published in early 2006
- Sewer expansion for selected West Acton needs areas
- Feasibility studies and implementation of wastewater management districts
- Final CWRMP report to be presented at Annual Town Meeting



Brent Reagor, RS Town of Acton breagor@acton-ma.gov

What are the Priorities?

Acton CWRMP

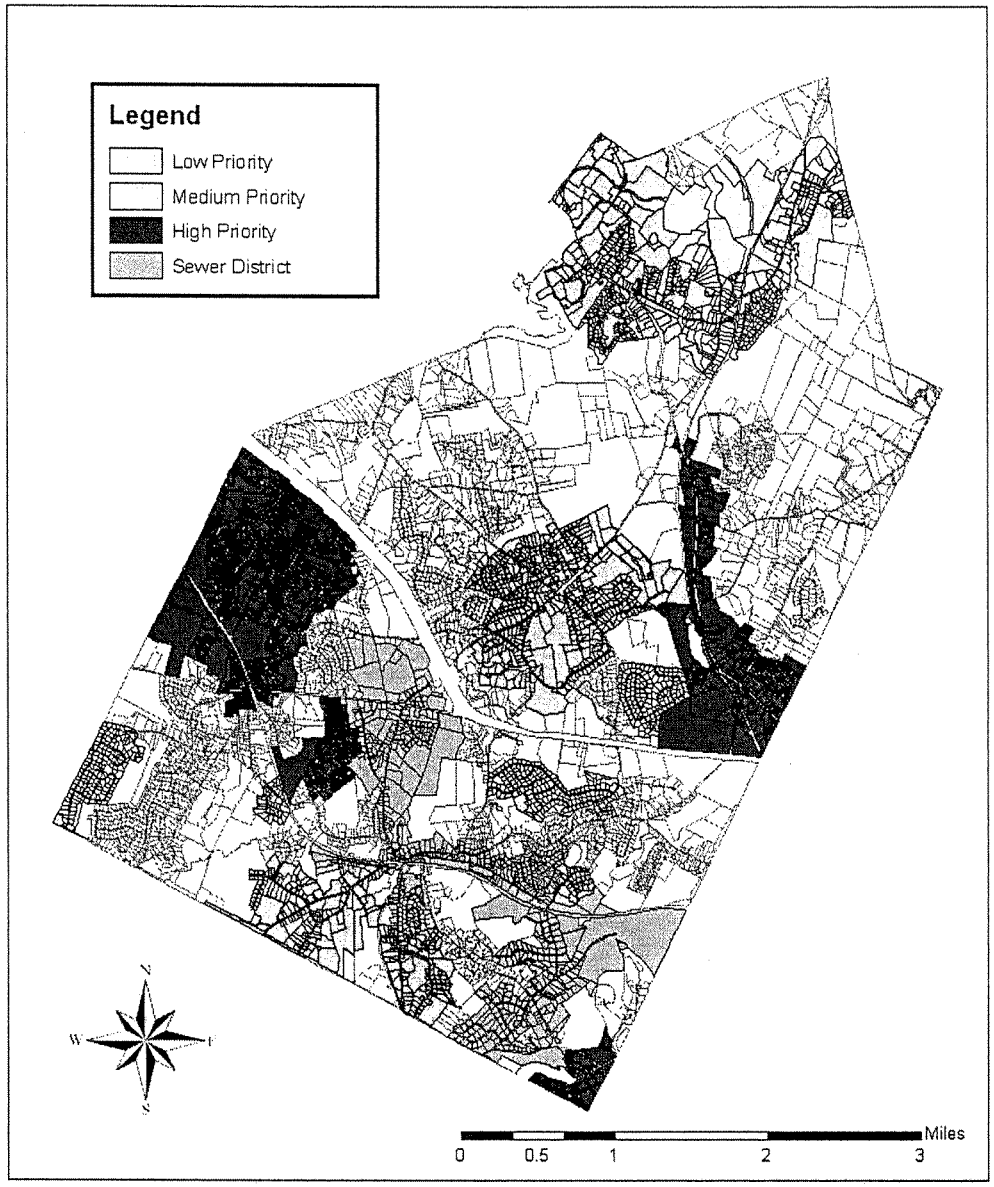
Lauren Rosenzweig
Citizen's Advisory Committee

What has happened since Last Year?

- Ranked the "High Priority" Needs Areas
  1) Powdermill Plaza
     - Agreement signed with the Town, will connect
  2) West Acton Center (East of the RR Tracks)
     - Includes the Douglas and Gates Schools
  3) Spencer/Tuttle/Flint Neighborhood
  4) West Acton Center (West of the RR Tracks)
  5) East Acton/Route 2A Corridor below Rte. 27
  6) Indian Village

How Were They Ranked?

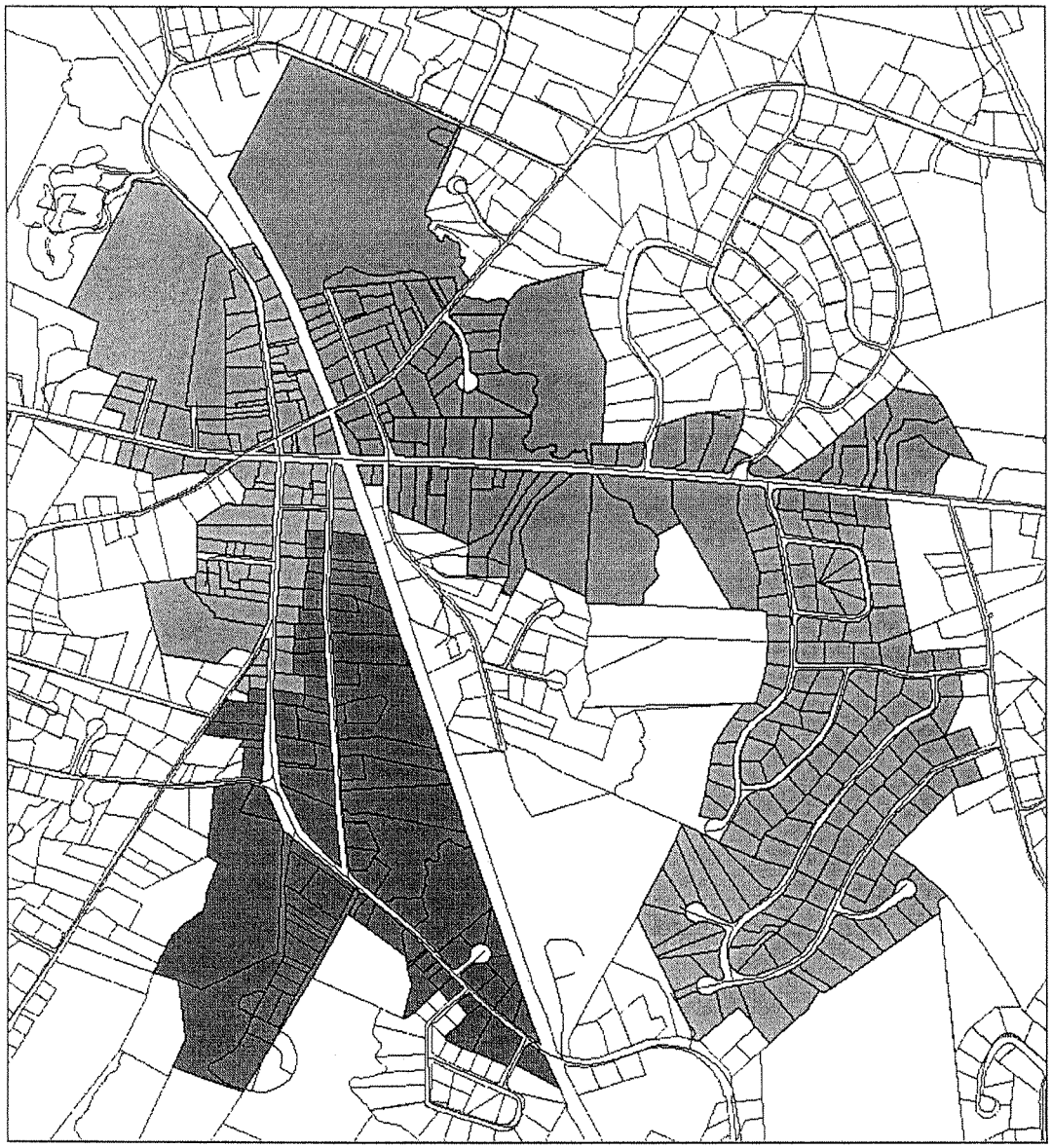
- Structural Factors
  - Environmental impact of current systems
  - Regulatory Non-compliance
- Non-Structural Factors
  - Ease of implementability
  - Economic stimulus
  - Political realities



Acton CWRMP
Needs Planning Areas
Solution Priority Status

Why the Rankings?

- Of the 5 High Priority Areas, most are adjacent to the current sewer system
- There are 49,000 gallons per day still available at the Adams Street Treatment Facility
- This capacity only allows part of West Acton Center and the Spencer/Tuttle area
  - Or both parts of West Acton Center
- Legal issues with the Wetherbee Land in regards to an East Acton solution



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West Acton
Sewer Project Zones

What are the Proposed Solutions?

- Powdermill Plaza
  - Connect to sewers in next expansion
- West Acton Center (East of the Tracks)
  - Connect to sewers in next expansion
- Spencer/Tuttle/Flint Neighborhood
  - Connect to sewers in next expansion
- West Acton Center (West of the Tracks)
  - Connect to sewers in a future expansion
- East Acton (Route 2A corridor below Rte. 27)
  - Construct new sewer system within 10 years/Explore cluster systems
- Indian Village
  - Establish Wastewater Management District/Connect to sewers within 10 years

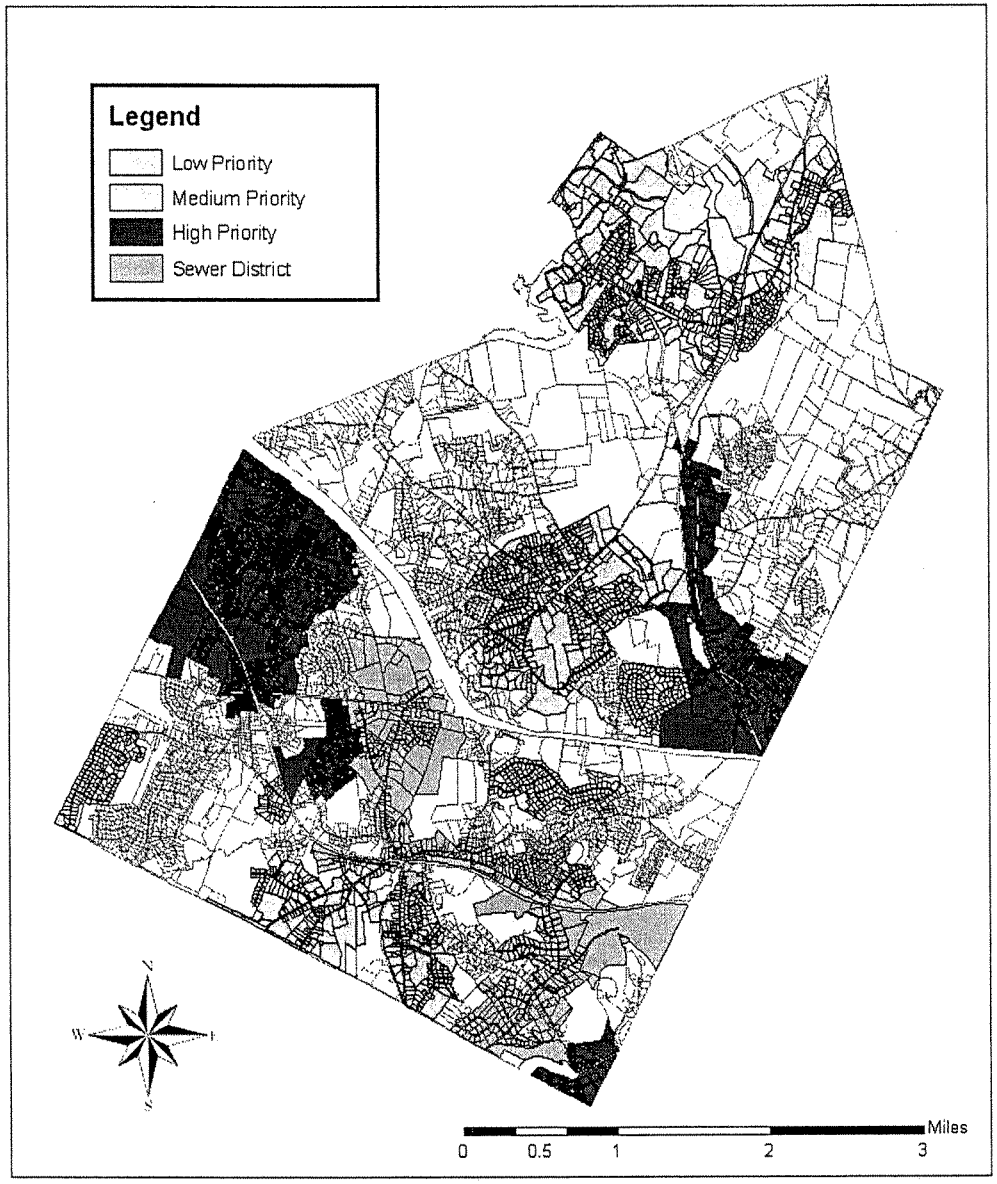
Questions?

Where did the Priorities Come From?

Acton CWRMP

Nancy Tavernier

Citizen's Advisory Committee



Acton CWRMP
Needs Planning Areas
Solution Priority Status

What Determines Need?

- High number failed systems
- Poor soils
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- Small lots
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High Priorities

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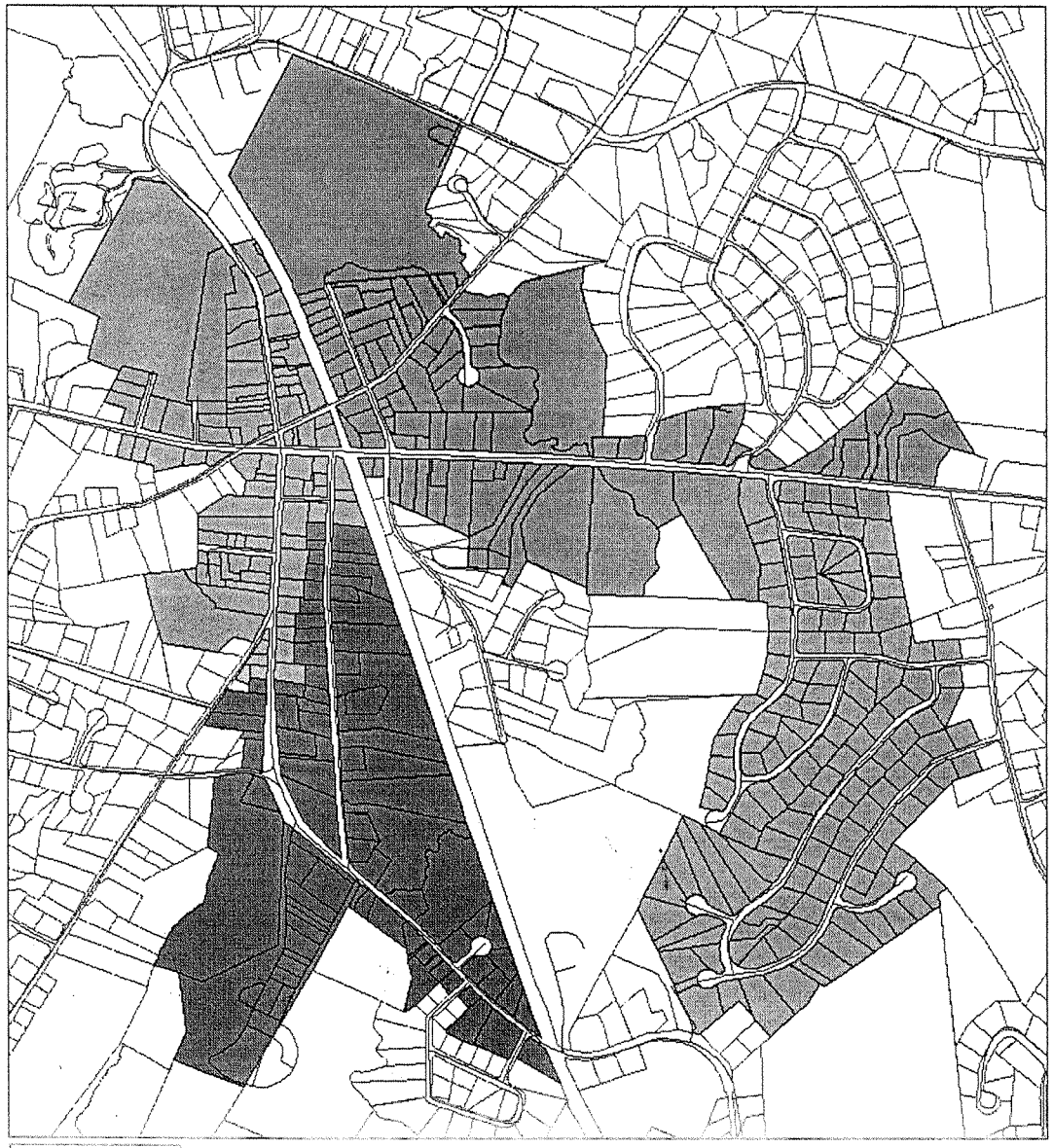
How Were They Ranked?

- Structural Factors
  - Environmental impact of current systems
  - Regulatory Non-compliance
- Non-Structural Factors
  - Ease of implementability
  - Economic stimulus
  - Political realities

Why?

- Additional 49,000 gallons per day available at the Adams Street Plant
- Adjacent areas to the existing sewers are the most cost-effective connections
- Limited available capacity only allows part of West Acton Center and the Spencer/Tuttle area
  - Or both parts of West Acton Center



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West Acton
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Questions?