

Septic System Inspection Program

- Part of Chapter 19 of the Troy City Code
- Adopted by City Council in January 2003
- In response to our Federally Mandated Phase II Storm Water Permit Regulations

Septic System Inspection Program

- Systems shall be inspected at least once every four years
- Failing systems shall be repaired
- Repair permits shall be required from the Oakland County Health Department
- County shall inspect and approve repairs

Septic System Inspection Program

- What does the inspection entail?
 - Review of all available records regarding:
 - Location of system
 - Size of tank and field
 - Prior maintenance
 - Location of wells
 - Water consumption
 - Inspection of effluent in tank.

Septic System Inspection Program

- What does the inspection entail? (con't)
 - Pumping of the tank by a licensed sewage hauler
 - Visual inspection of tank, absorption field, pumps, and other appurtenances
 - Dye test of the system
 - Report of findings

Timing of the Inspections

- Approximately 375 systems in the City of Troy
- First round of inspections must be completed by 2007
- We can't do all the inspections in one year
- We have to find a way to distribute the inspections across the years

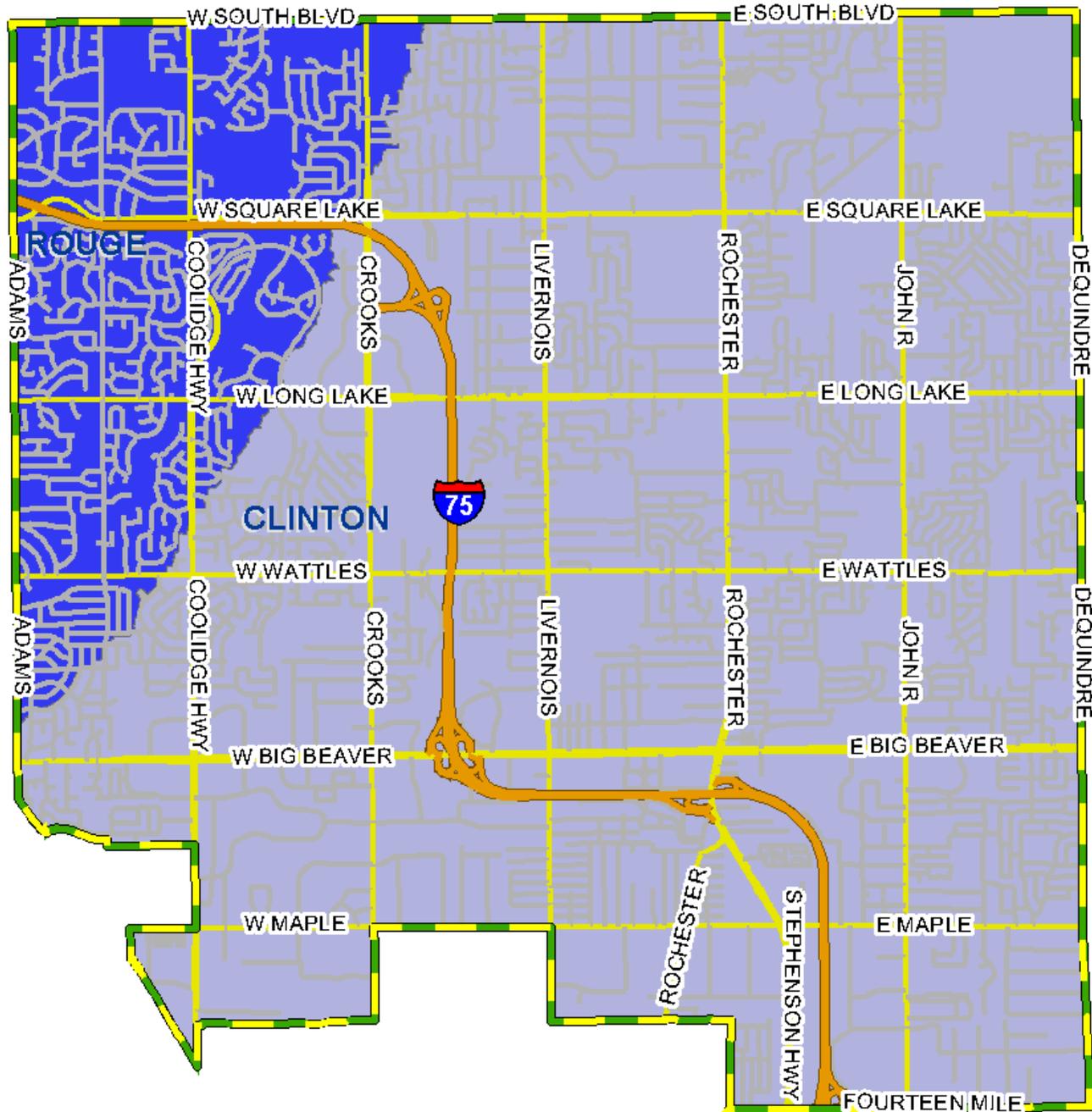
Prioritizing Inspections

- Topographical
- Geographical
- Age of Systems
- Location in relation to watercourse
- Septic/Well sites
- Complaint driven
- In response to requests

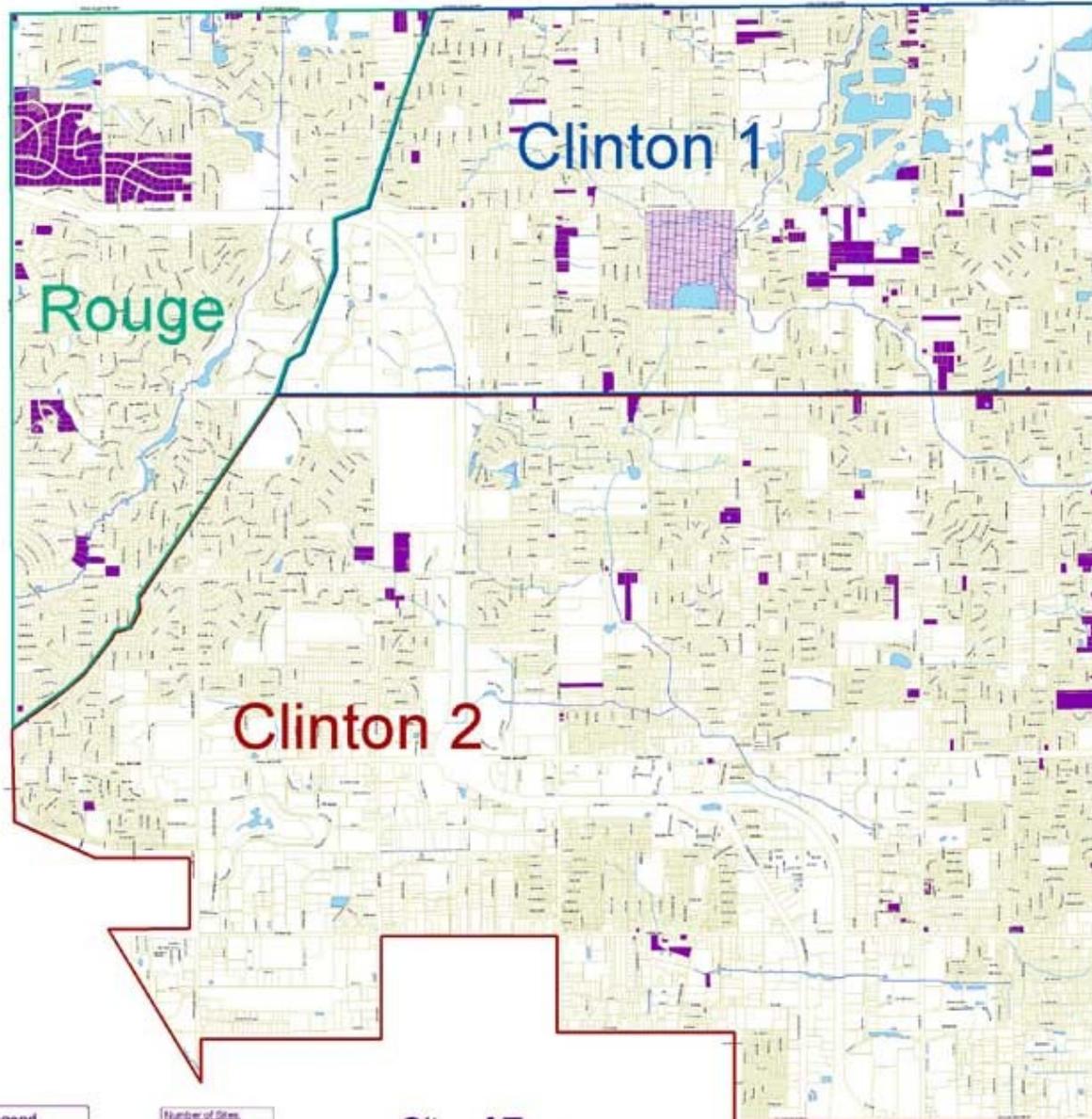
Prioritizing Inspections

- Based upon environmental watershed
 - Rouge River
 - Clinton River

Watersheds in Troy



Septic Inspection Program Schedule



Legend	
	Septic & Well
	Septic

Number of Sites	
Rouge	206 Septic Sites
	- 11 Septic & Well Sites
Clinton 1	87 Septic Sites
Clinton 2	80 Septic Sites

City of Troy

Inspection Districts

- Rouge River District
 - (206 total systems - 11 well)
- Clinton River District 1
 - (87 systems)
- Clinton River District 2
 - (80 systems)

Prioritizing Inspections

- Reasons to start in the Rouge River Watershed
 - Ecologically sensitive area
 - Evergreen/Farmington Sewer District
 - High e-coli readings from Rouge River
 - Density of Systems
 - Burden on water table
 - Location of sites with septic/wells
 - Efficiency

Prioritizing Inspections

- Reasons to do Clinton River District 1 next
 - Ecologically sensitive area
 - Largest water bodies
 - Concentration of wetlands
 - Majority of new development

Who will do the inspections?

- City Staff
 - Two plumbing inspectors are certified
 - Six-eight inspections per week
- Private contract inspectors
 - Two inspections per day per man

What will the inspections cost?

- City inspection fee
 - \$200
- Sewage Hauling Contractor
 - Negotiated and contracted by homeowner

How will the inspection be scheduled?

- Letter to homeowners in first year area
- Letter to all homeowners of septic systems
 - Homeowner contracts with waste hauler
 - Homeowner files application with the Building Department
 - Building Department coordinates inspection time with waste hauler
 - Copy of report will be sent to homeowner and/or Oakland County Health Department

Record Keeping

- Building Department
 - Inspection dates
 - Hauling Certificates
 - Reports
 - Repair permits

Questions?