

GLASTONBURY PUBLIC WATER EXTENSION TOWN COUNCIL MEETING

April 27, 2021

Peter Galant

AGENDA

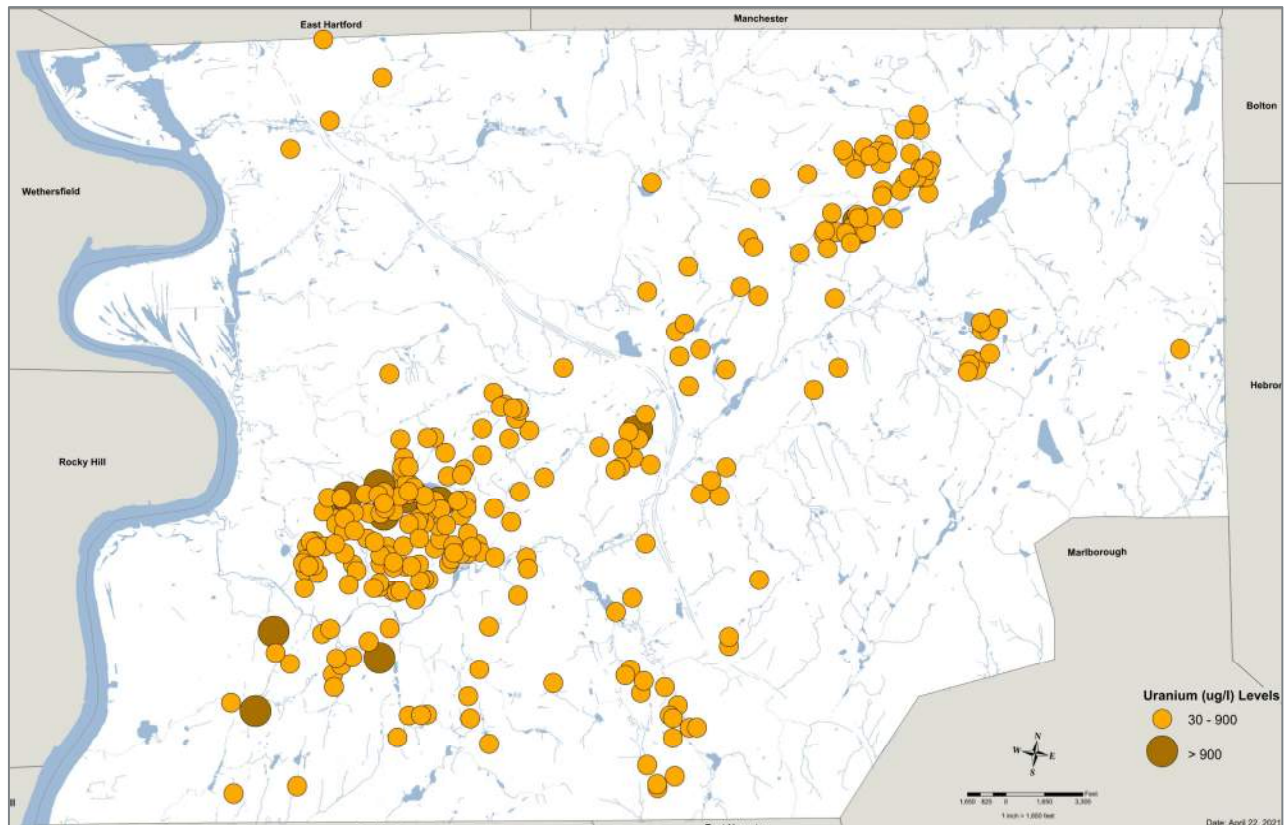
Objective:

Present a conceptual plan for providing public water supply to homes with elevated Uranium concentrations

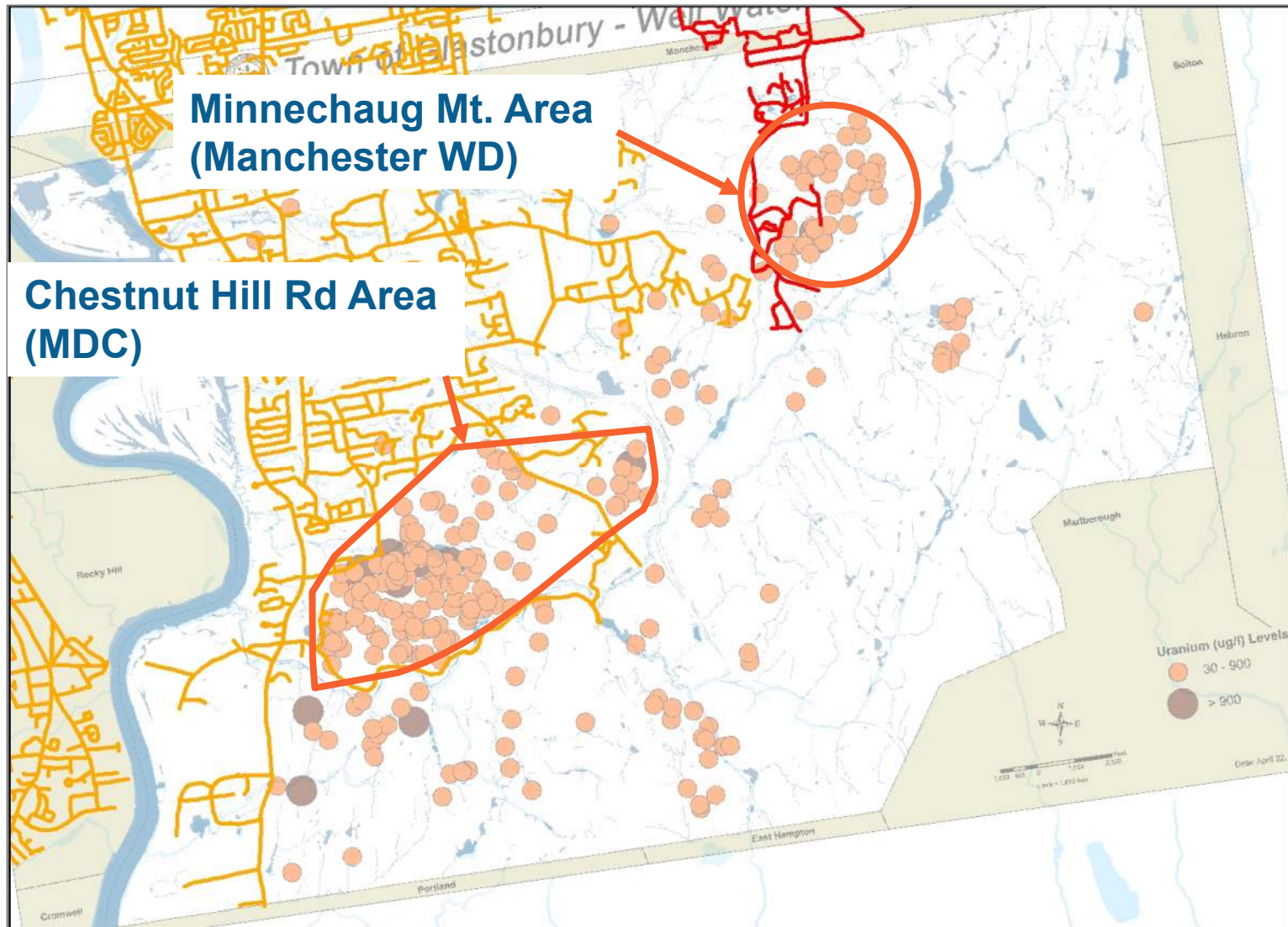
- Introduction
- Expansion plans
- Costs
- Expansion process
 - MDC
 - Manchester
- Questions

URANIUM IN DRINKING WATER

- Naturally occurring
- EPA Drinking Water Standard = 30 ug/L
- CTDPH recommends don't drink or bathe > 900 ug/L

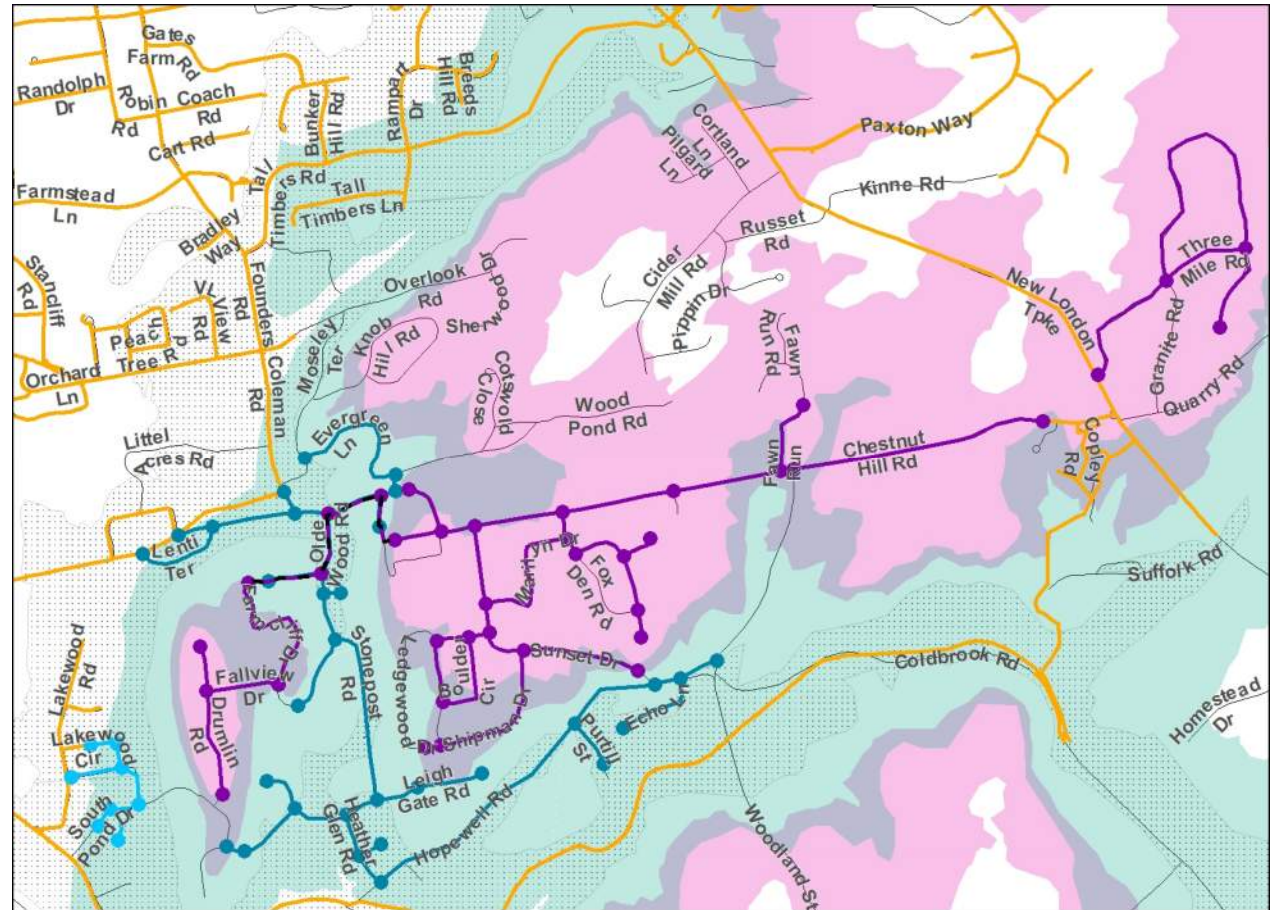


WATER SYSTEM EXPANSION STUDY AREAS



CHESTNUT HILL ROAD AREA (MDC)

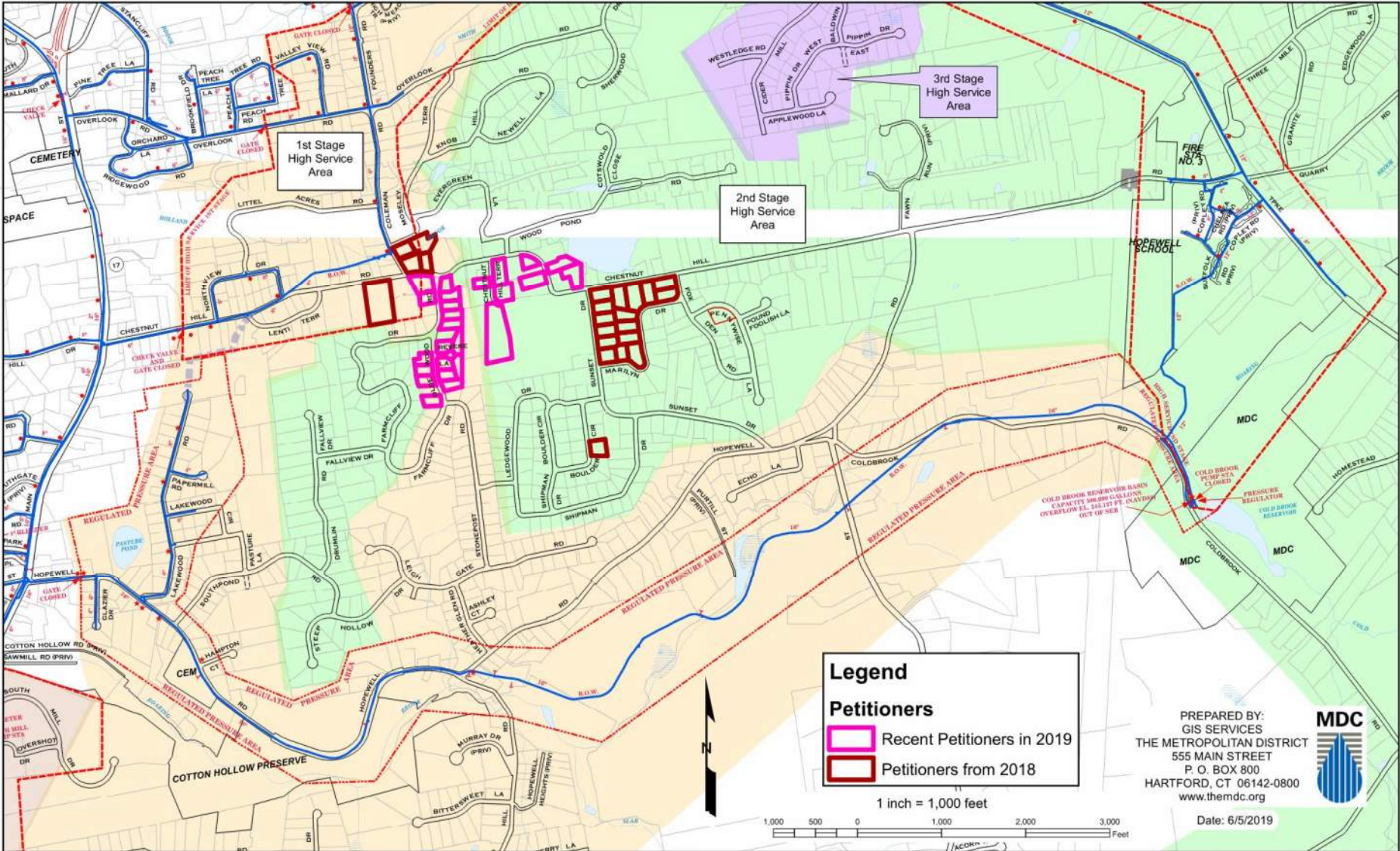
- Pink served from New London Tpke
- Green served from Coleman Road
- Grey served from Lakewood Road
- No service around Knob Hill Rd. and Wood Pond Rd.
- No MDC system improvements



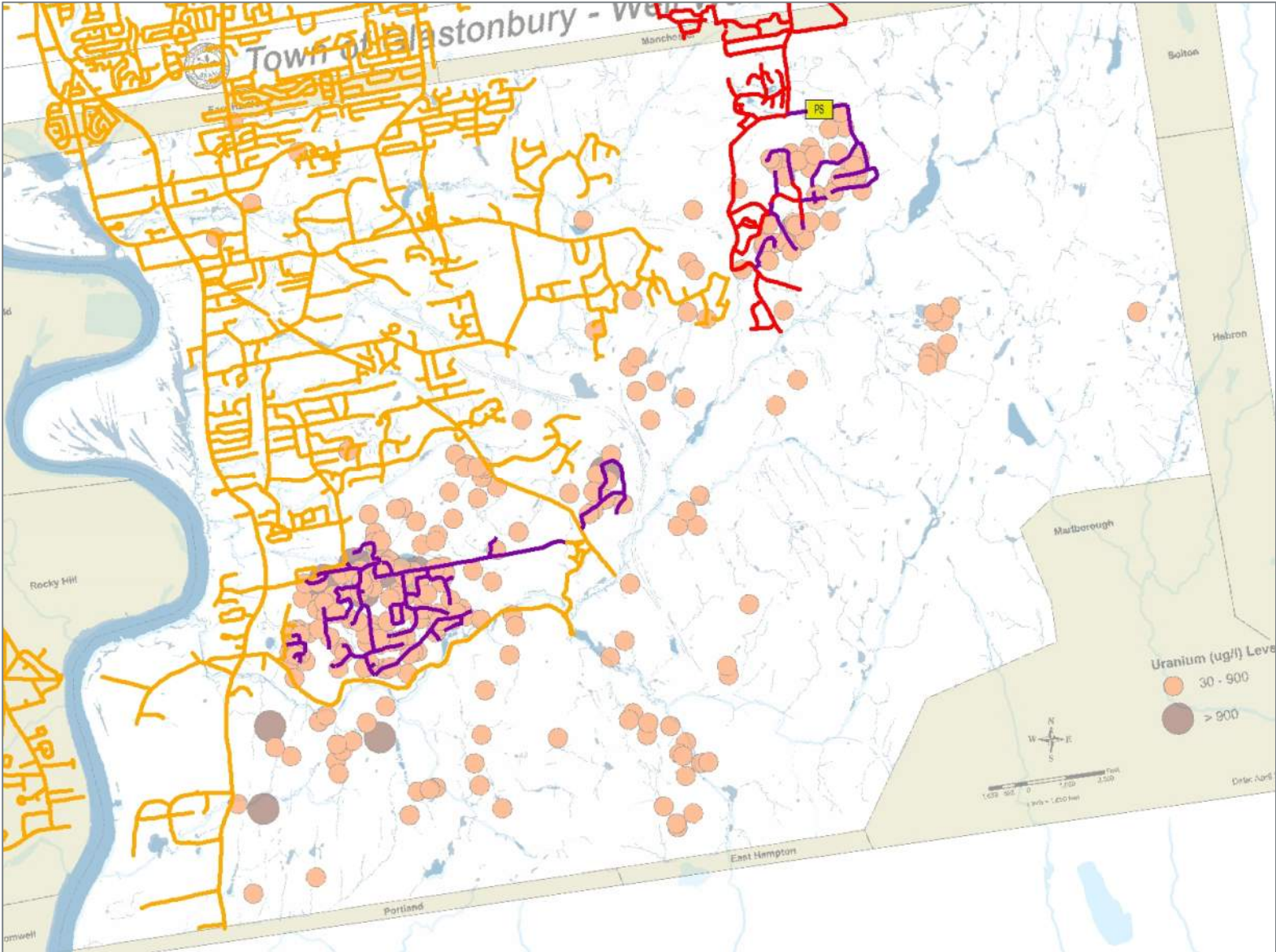
Proposed Water Main

- Uplands HS WL (HGL 540)
- Eastbury HS WL (HGL 419)
- Lakewood Regulated WL (HGL 342)

CHESTNUT HILL RD AREA SERVICE PETITIONS



SERVICE EXPANSION AREA



CONCEPTUAL COSTS

| ITEM | QUANTITY | UNIT COST (\$/unit) | TOTAL COST (\$) |
|-----------------------------------|---------------------------------|------------------------|---------------------|
| MDC Water Main (~687 lots) | 64,930 ft | \$500/ft | \$32,465,000 |
| Manchester Water Main (~242 lots) | 24,503 ft | \$500/ft | \$12,251,500 |
| Manchester Pump Station Upgrade | 1 | LS | \$200,000 |
| Manchester New Pump Station | 1 | LS | \$1,000,000 |
| Manchester Tank | | | --- |
| Total: | 89,433 ft 16.9 miles | | \$46 million |

Costs Exclude:

- Property acquisition for pump station or storage tank
- Service lines from property line to home
- Well abandonments

SYSTEM EXPANSION PROCESS (MDC)

- **Petition Process**

1. Homeowner Petition
2. MDC Study
3. Public Hearing
4. MDC Commissioners' Decision
5. Homeowner Assessments
 - \$95/front-foot
 - Service line to property
 - 15 years @ 6%
6. Actual cost true-up paid by existing Glastonbury customers

- **Developers Permit Agreement**

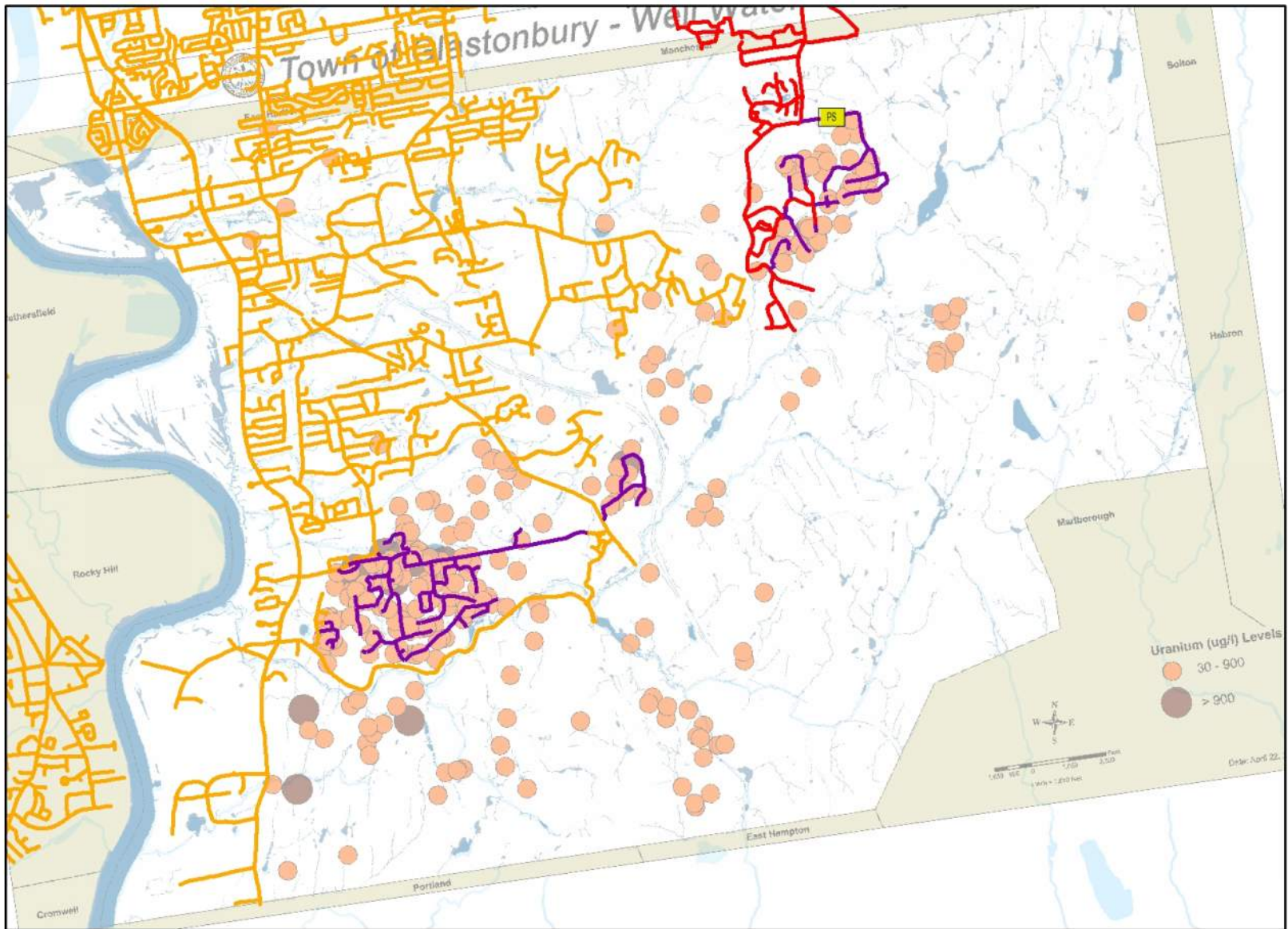
- Expansion designed, constructed and paid for by “developer”

SYSTEM EXPANSION PROCESS (MANCHESTER)

- **Expansion designed, constructed and paid for by “developer”.**
 - Manchester may take on design and construction at “developer’s” expense
 - No assessment method

AAC A STUDY OF MUNICIPALITIES AND HOMEOWNERS WITH WELLS CONTAMINATED WITH URANIUM

- **SB 1065: Planning & Development Committee**
- **Requires DPH and OPM to study municipalities with Uranium**
 - Levels of Uranium in groundwater
 - Number of private wells affected by Uranium
 - Available resources to assist homeowners with impacted wells
- **Report by January 1, 2022**
 - Findings of above study
 - Recommendations for legislation to address concerns including
 - Grants, low interest loans and other forms of financial assistance to municipalities and homeowners



QUESTIONS?