



GWCC, Private Well Workgroup

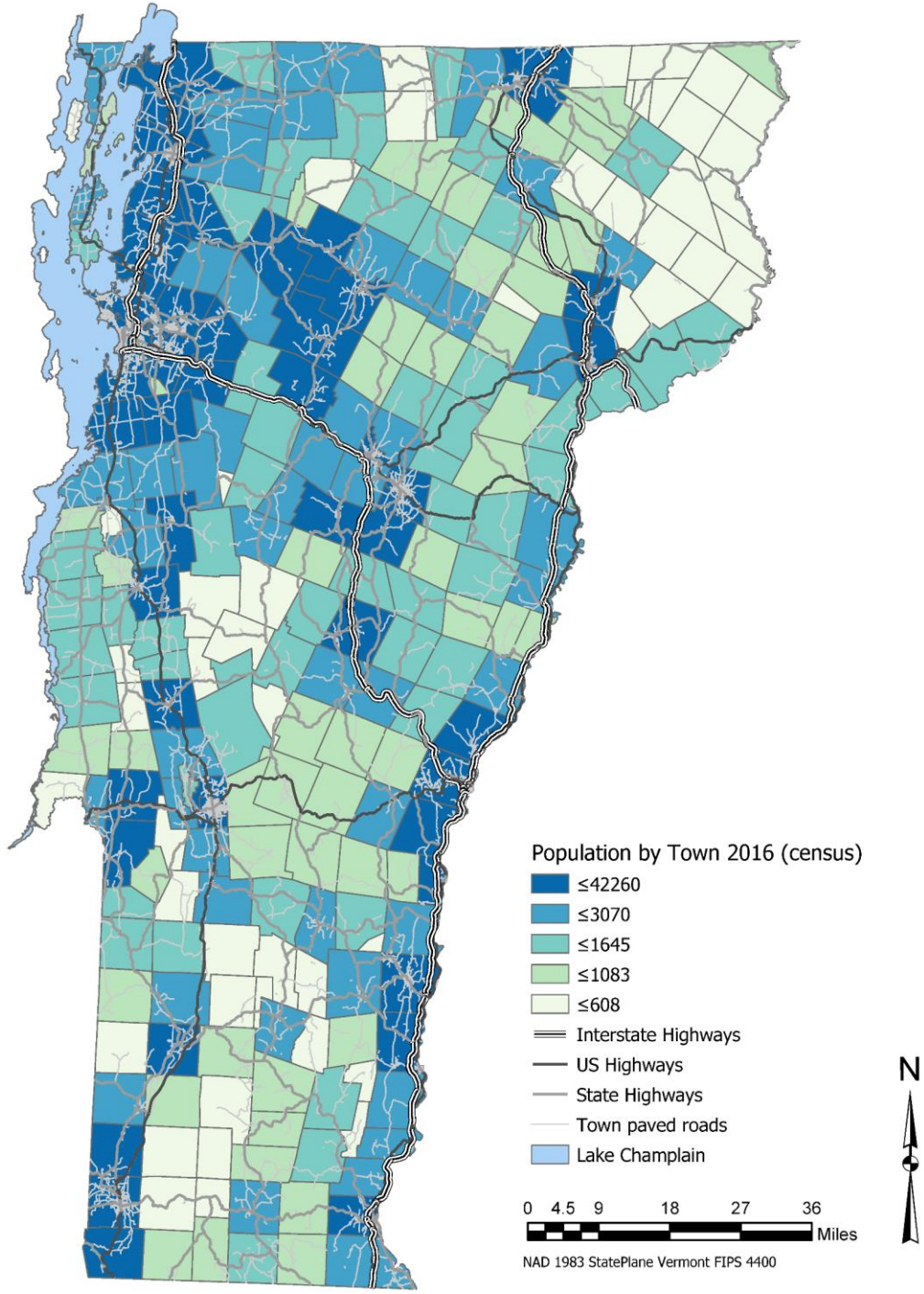
Sille Larsen

Senior Water Resources Engineer
Environmental Health, Vermont Department of Health

Background

Drinking water in Vermont

- Population of Vermont: 623,657
- Vermonters on public water: ~70%
- Vermonters on private water: ~30%
  - Private water sources tested: ~5-11%
  - >10% of results have at least one contaminant above a level of concern



Private Well Workgroup

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Aim

- Expand and strengthen collaborative private well program initiatives
- Provide a forum to discuss private well laws, regulations and policies
- Provide a forum to discuss private well technical issues (e.g. construction, treatment)
- Identify educational and training needs for the private well work force
- Increase education and outreach to private well owners

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How?

- Today we have an agenda covering a wide variety of topics from regulation to water treatment
- Future meetings should be shaped and defined by members, and the topics selected by the group
- A forum for productive conversation
- Remember WAIT: Why Am I Talking
  - Consider what you are about to say and whether it will add anything new to the conversation
- Survey:
  - Fill out at the end of the day or during the presentations
  - Please fill it out!

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When?

- The GWCC meets monthly and this workgroup, focusing on private well issues, would be a standing agenda item occurring quarterly for the first year and on an agreed upon frequency thereafter.

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Today

- A new state law, Act 161, requires that new wells are tested for certain contaminants
- The law has been incorporated into the Wastewater system and Potable Water Supply Rules

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Agenda

GWCC, private well workgroup meeting

Introduction (~30 min)
- Scott Stewart/Kasey Kathan, Introduction to the GWCC
- Sille Larsen, Introduction to the private well workgroup
- Who you are, who you represent and how your organization relates to private wells

Mandatory testing of private wells, rule updates (DEC ~30 min)
- When is mandatory testing required
- Who can sample the water
- What testing is required
- Testing procedure
- Laboratory requirements
- Data submission
- What if the system is failed

Testing logistics (VDH Laboratory, ~20 min)
- How to find a certified drinking water laboratory
- Sampling technique

Results (VDH ~15 min)
- Interpretation
- How are the results being used by the Health Department

Man-made chemicals (DEC ~15 min)
- What, where, how

Treatment (Culligan ~30 min)
- Treatment, what to do if there are any contaminants
    - Treatment of arsenic, *E. coli*/TC, fluoride, lead, manganese, nitrate/nitrite, uranium and gross alpha. chloride, sodium, iron, odor and pH (analytes required for testing)
    - Cost of treatment

Open Discussion (30 min)
- How to share the information with the public (private well owners)
- Next meeting

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Introductions

- Who are you?
- What organization do you represent?
- How does your work relate to private wells?