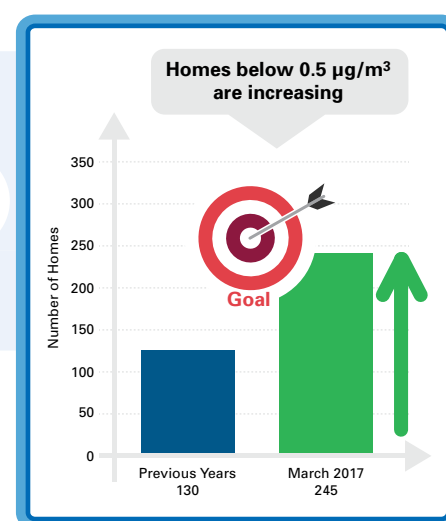
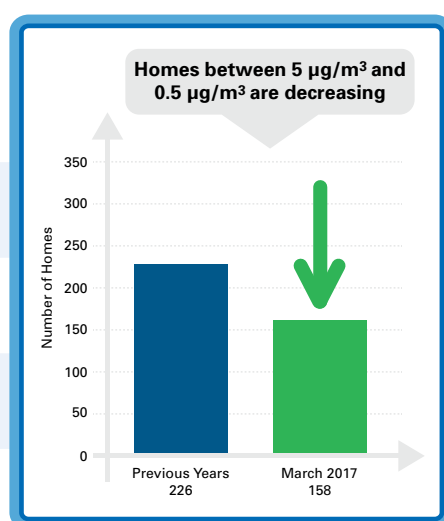
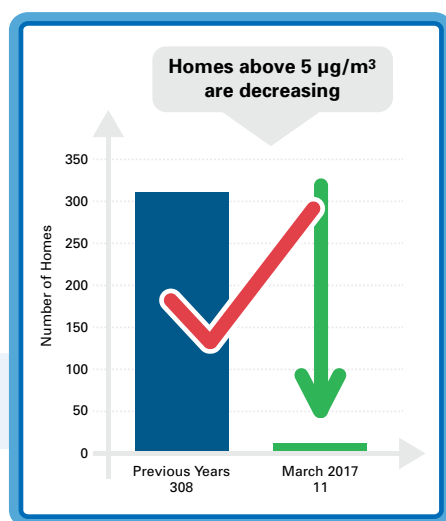


Public Health's Role

- Determine the level of risk to public health, if any, from exposures to hazards such as trichloroethylene (TCE)
- Recommend appropriate levels at which actions should be taken to reduce exposure
- Keep up with changing science
- Provide input to Ministry of the Environment and Climate Change and other relevant agencies
- Provide information to the public

Current Situation • Indoor Air TCE Levels in Homes



- Remediation measures in homes have been very successful at reducing levels of TCE in indoor air
- The concentrations of TCE in the large majority of homes are now below 5 $\mu\text{g}/\text{m}^3$
- The long-term goal of this program remains unchanged at less than 0.5 $\mu\text{g}/\text{m}^3$
- There are no acute health effects expected in the Bishop Street Community
- The risk of chronic health effects remains very low

– Recommendations for Ministry of the Environment and Climate Change –

1. Ministry of the Environment and Climate Change (MOECC) should direct resources towards remedial options for indoor air TCE levels that will achieve the long-term goal of less than 0.5 $\mu\text{g}/\text{m}^3$, using the following action levels:

Action Levels

Less than 0.5 $\mu\text{g}/\text{m}^3$

- No further remedial actions are required.

Between 0.5 $\mu\text{g}/\text{m}^3$ and 5 $\mu\text{g}/\text{m}^3$

- Continue annual indoor air monitoring.
- Public Health will work with the MOECC to prioritize homes to receive remedial options.

Above 5 $\mu\text{g}/\text{m}^3$

- Continue to be prioritized for indoor air assessments and remediation.
- Continue annual indoor air monitoring.

2. When choosing between effective options for indoor air mitigation, consideration should be given to minimizing stress and inconvenience for the Bishop Street Community.

Contact Region of Waterloo Public Health for more information

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