Lead Service Line Inventory



The Village of Hazel Crest

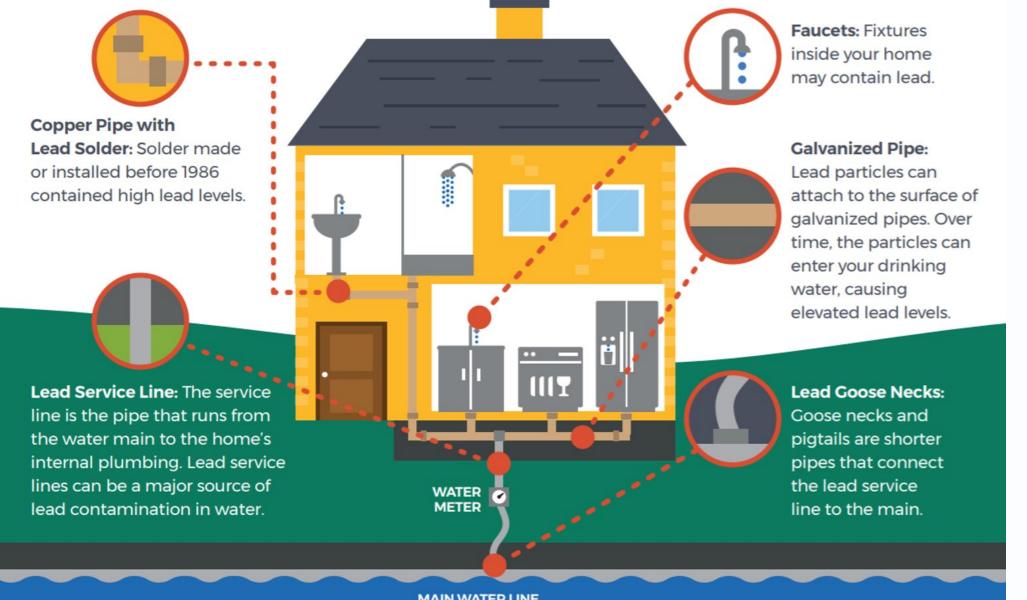
Lead in Water

Where does our water come from?			Why is		
•	Lake Michigan, like most	٠		The	
	Chicago-area communities			expe	
•	Water is routinely tested per	•		Chil	
	Illinois EPA requirements			as le	
				cogi	

development

- s Lead Dangerous?
- ere is no safe level of
- osure to lead
- ldren under 6 are most at risk
- ead exposure can harm
- nitive and physical

Lead Service Lines



MAIN WATER LINE



Residential Lead Service Line Connected to Water Meter

Why We Started This Work?

Drinking Water 1-2-3 Mar	ndate
• Training from Metropolitan	
• <u>H</u>	Invir
Planning Council (MPC) on best a	men
practices	onort
Village applied for and awarded	eport
• F	'utur
MPC technical assistance grant for	ther
BMP implementation	ocati

- e from Illinois
- ronmental Protection Act
- nded to require annual
- ting of LSL in communities.
- re legislation may require
- steps like publishing the ions of LSL

Resolution to Take Direct Action to Mitigate

exposure to Lead in Drinking Water

Hazel Crest Village President and Board of Trustees passed a resolution calling for locating and the eventual removal of lead lines.

• Important first step to outline how the Village will accomplish this goal.

BE IT RESOLVED, that the Village of Hazel Crest will take direct action to mitigate exposure to lead in drinking water; and,

BE IT FURTHER RESOLVED, that Village of Hazel Crest shall conduct a thorough, transparent inventory of all service lines based on probabilistic analysis with further refinement through field verification in partnership with residents when possible. The inventory shall contain information <u>on:</u> the total number of service lines; the material composition of all service lines, with specific attention to lead content, and their location; and,

BE IT <u>FURTHER RESOLVED/ORDERED</u>, that the Village of Hazel Crest shall create a lead service line replacement plan. The plan shall contain: estimated costs of full lead service line replacement; recommendations on cost-saving approaches for lead service line replacement; a prioritization schedule for replacement in vulnerable communities; a financial assistance program that ensures that all low-income households can participate in full service line replacement; a schedule and timeline for replacement; and,

BE IT <u>RESOLVED</u>, that these village actions

Actionable steps to address Lead from the Resolution

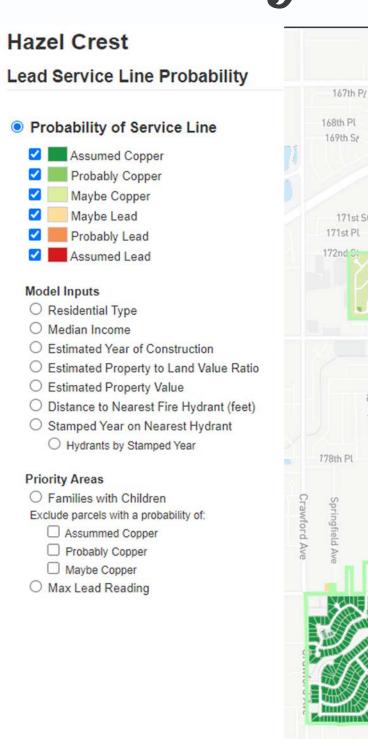
RESOLUTION NO. 2020-___

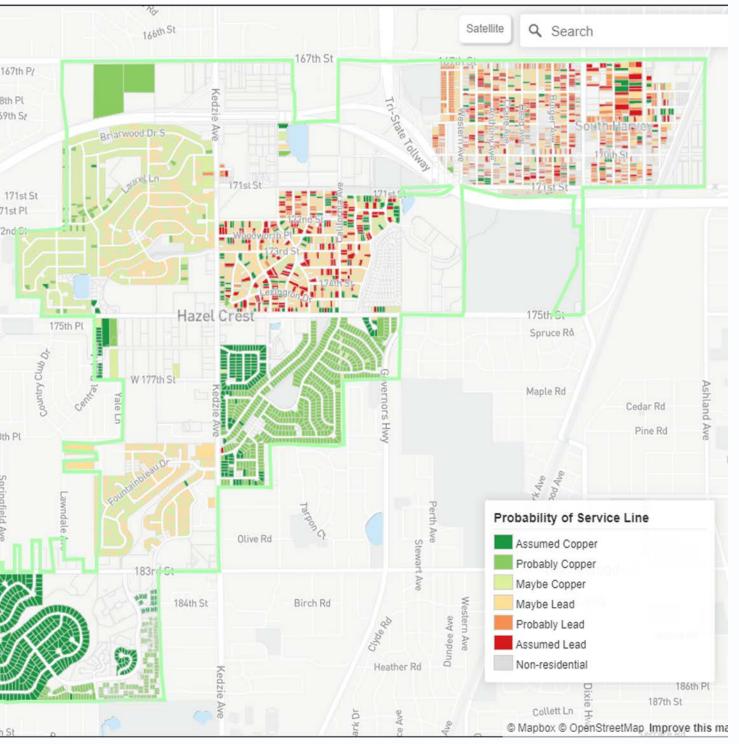
BE IT <u>RESOLVED</u>, that the Village of Hazel Crest shall support state legislation consistent with

Service Line Predictive Inventory

Online Inventory of Lead Locations

- County data, survey responses, IEPA samples, and older Village Documents
- Center for Neighborhood Technology (CNT) used predictive software to match known address with lead to similar households





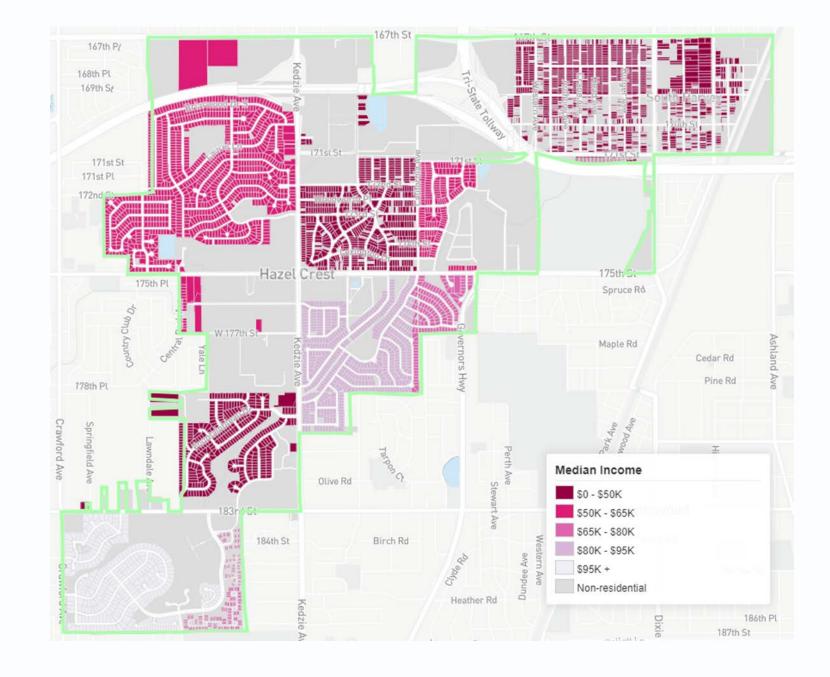
Equitable Planning for Removal

Lead Service Line Replacement Plan

- Finalizing replacement plan with MPC
- Plan will include replacement priorities: income level, homes with children, blocks of concern, etc.
- Replacement Schedule and sources of funding will also be determined

Develop and promote educational material

• Website development and televised interview



Filtering Hazel Crest Households by income to determine high priority locations for replacement.

What is Left to do?

Implement Replacement plan		More (
•	Secure sources of funding and	• Eve
	create a structure for residents	wat
	to finance replacement	stat
•	Determine blocks of high	• Mor
	priority for initial replacement	
	> High density of intersecting	
	variables like lead, income,	
	and homes with children	

- Outreach
- ery inspection of a home's
- ter line improves our
- tistical model
- re cooperation = more success