

# Community Efforts to Protect Trees From Gas Leaks

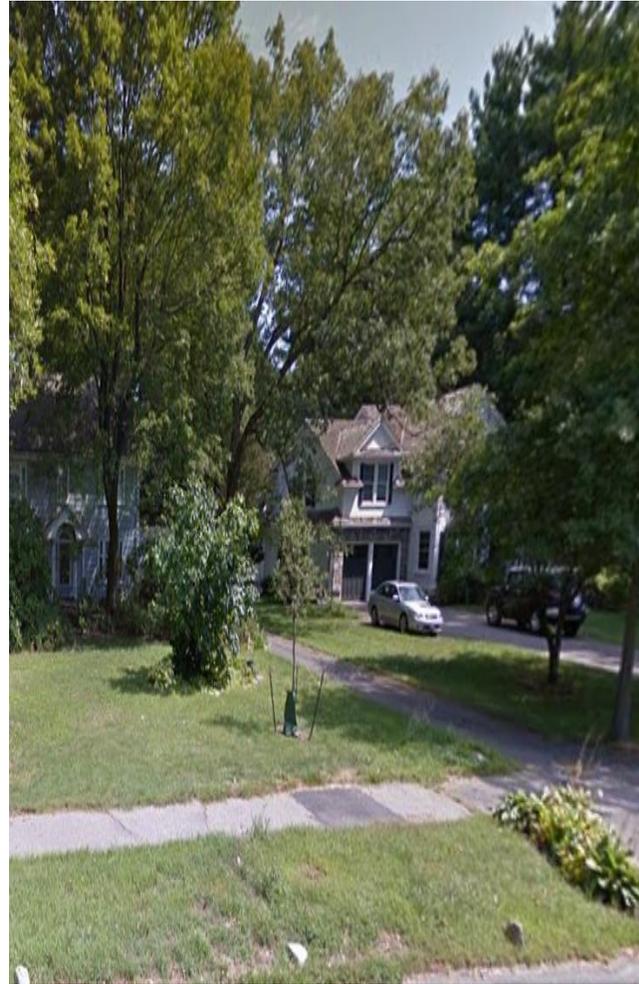
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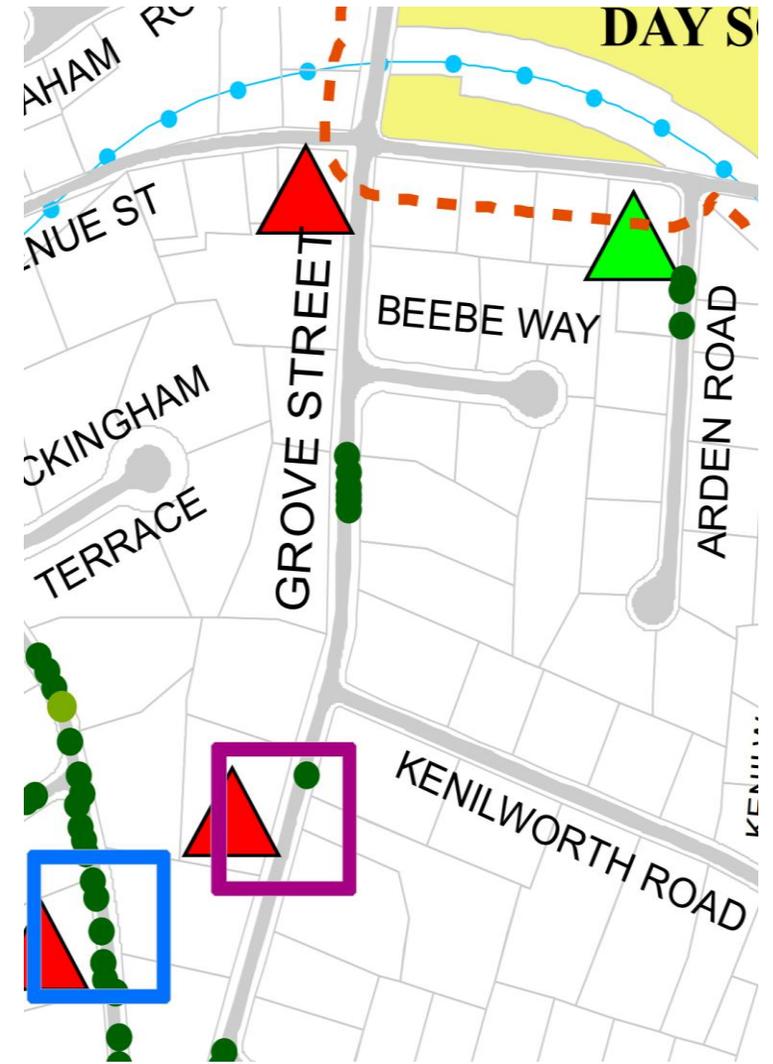
# Tree Damage



2009



20011



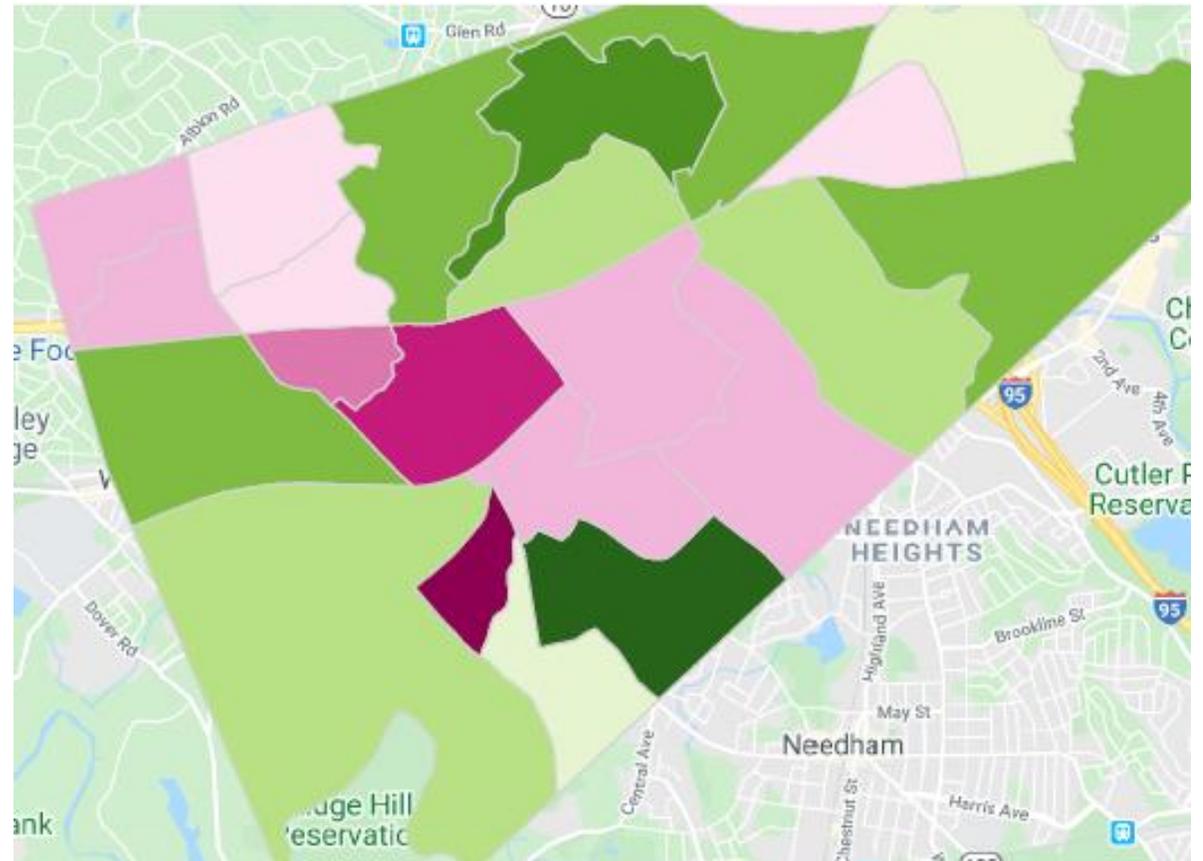
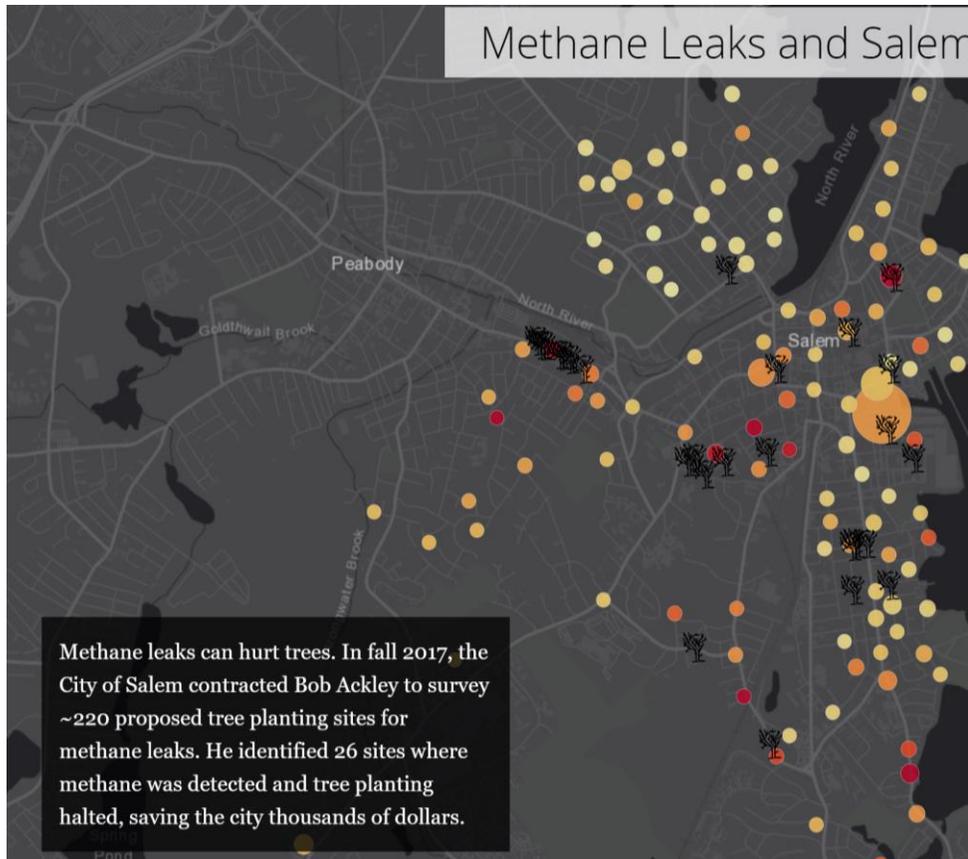
# Key Best Practices

- Advocacy
- Active Tree Census
- Gas Leak Audits
- Tree Preservation Bylaws
  - Tree Valuation
- Pre-Planting Leak Testing
- Post-mortality Leak Testing
- Advocacy



# Quality tree and leak data

- Most communities have a tree census
- If not, start with areas of priority planting/preservation



**Natural Gas Leaks Survey  
Final Audit Report  
June 2019**

Date	Street #	Street	Cross St	Grade	Leak Extent (ft2)	#Trees in Leak Zone	Leak ID or Time Reported
6/2/2019	555	Wellesley Street		2	2,500	2	Erez 8:59
5/25/2019		Wellesley Street	Meadowbrook Road	2	3,700	1	Sandy 12:12
5/22/2019	16	Westcliff Road		2	11,550	6	MaryAnn 9:06
5/22/2019	25	Westcliff Road		2	5,000	4	Ng 7:33
5/22/2019	42	Westcliff Road		2	3,000	7	7347795
5/22/2019	56	Westcliff Road		2	1,000	1	148793
5/20/2019	255	Westerly Road		2	1,875	2	Jeff 11:54
5/30/2019	97	Westland Road		2	1,400	0	1429831
5/29/2019	25	Whitney Tavern Road		2	25	0	Sherry 9:38
5/30/2019		Wildwood Lane	Circle Drive	2	900	1	Bonnie 12:44
6/14/2019	185	Winter Street		2	1,200	1	Sherry 8:19
6/7/2019	327	Winter Street		2	5,625	6	1328775
6/9/2019	61	Woodchester Drive		2	2,100	2	2837644
5/21/2019	112	Woodchester Drive		2	1,430	1	7332320
5/31/2019		Woodland Road	Conant Road	2	3,000	4	7322497
5/19/2019		Boston Post Road	Skating Pond Road	2	950	1	Payne 12:40
5/28/2019	27	Coburn Road		2	100	1	Melissa 9:33
6/3/2019	3	Conant Road		2	100	3	2825008
5/22/2019	253	Glen Road		2	990	3	7349901
5/22/2019	265	Glen Road		2	1,400	1	7325446
5/28/2019	3	Legion Road		2	300	1	7348877
5/24/2019	1	Meadowbrook Road		2	100	1	Sherry 12:55
5/24/2019	64	Meadowbrook Road		2	3,200	1	5217032
6/3/2019	120	Montvale Road		2	1,500	3	Greg 10:15
6/5/2019	170	Newton Street		2	220	1	7348324
6/6/2019		Old Colony Road	Pembroke Street	2	1,200	2	Sherry 1:02
5/23/2019	80	Ridgeway Road		2	175	2	Mellissa 1:17
5/23/2019		Ridgeway Road	Bullard Road	2	3,000	2	325709
5/25/2019	36	River Road	Norumbega Road	2	3,600	1	227012
5/21/2019	61	Scotch Pine Road		2	300	4	Jeff 2:09
5/19/2019	60	Summer Street	Robin Lane	2	1,400	4	7339679
5/31/2019	90	Sunset Road		2	1,500	1	Christine 2:15
6/2/2019	23	Winsor Way		2	500	1	7346752
6/2/2019		Winsor Way	Skating Pond Road	2	1,500	2	Coombs 3:00
5/31/2019	69	Aberdeen Road		3	25	0	7348876
6/5/2019		Ash Street	Beech Road	3	75	0	Sherry 1:10
5/31/2019	3	Bakers Hill Road		3	450	0	Pat 8:28
5/31/2019	40	Bakers Hill Road		3	350	0	Cory 10:56
5/31/2019	41	Bakers Hill Road		3	50	0	1096927
5/21/2019	45	Beaver Road		3	2,400	4	5335802
5/21/2019	71	Beaver Road	Sylvan lane	3	1,000	0	5335387
5/21/2019	109	Beaver Road	Sylvan lane	3	350	1	Eileen 9:28
6/5/2019		Beech Road	Colonial Way	3	1	0	Arlene 2:06
6/5/2019	34	Bittersweet Lane		3	100	0	Arlene 1:32

# Tree Bylaws and Valuation

- Chapter 87
- Tree Ordinances
- Valuation Methods



# Pre-Planting and Post-Mortality Leak Testing



# CGI



## Bascom-Turner Instruments

### Quotation

Town of Wellesley Natural Resources Commission  
525 Washington St  
Wellesley, MA 02482

Email: [nrc@WellesleyMA.gov](mailto:nrc@WellesleyMA.gov)

Attn: Ms. Danielle Marini

Quote No.	180710MT	Date:	07/10/18	Delivery:	2-Weeks	Terms:	Net 30 Days	F.O.B.:	Norwood, MA
Qty	Part No.	DESCRIPTION				UNIT PRICE	TOTAL		
1	CGO-321	Gas-Sentry Natural Gas & Oxygen Detector				\$1,510.00	\$1,510.00		
1	PCA-001	Manual Methane & CO Calibration Apparatus - 105 Liters- good for approximately 100 calibrations				\$320.00	\$320.00		
Freight, insurance, and HAZMAT charges						\$65.00	\$65.00		
Total							\$1,895.00		



# Next Steps

- Additional Training
- Advocacy
- Collaboration



- Chapter 87 Primer: <https://masstreewardens.org/wp-content/uploads/Massachusetts-Tree-Laws.pdf>
- Massachusetts Tree Wardens Association: <https://masstreewardens.org/>