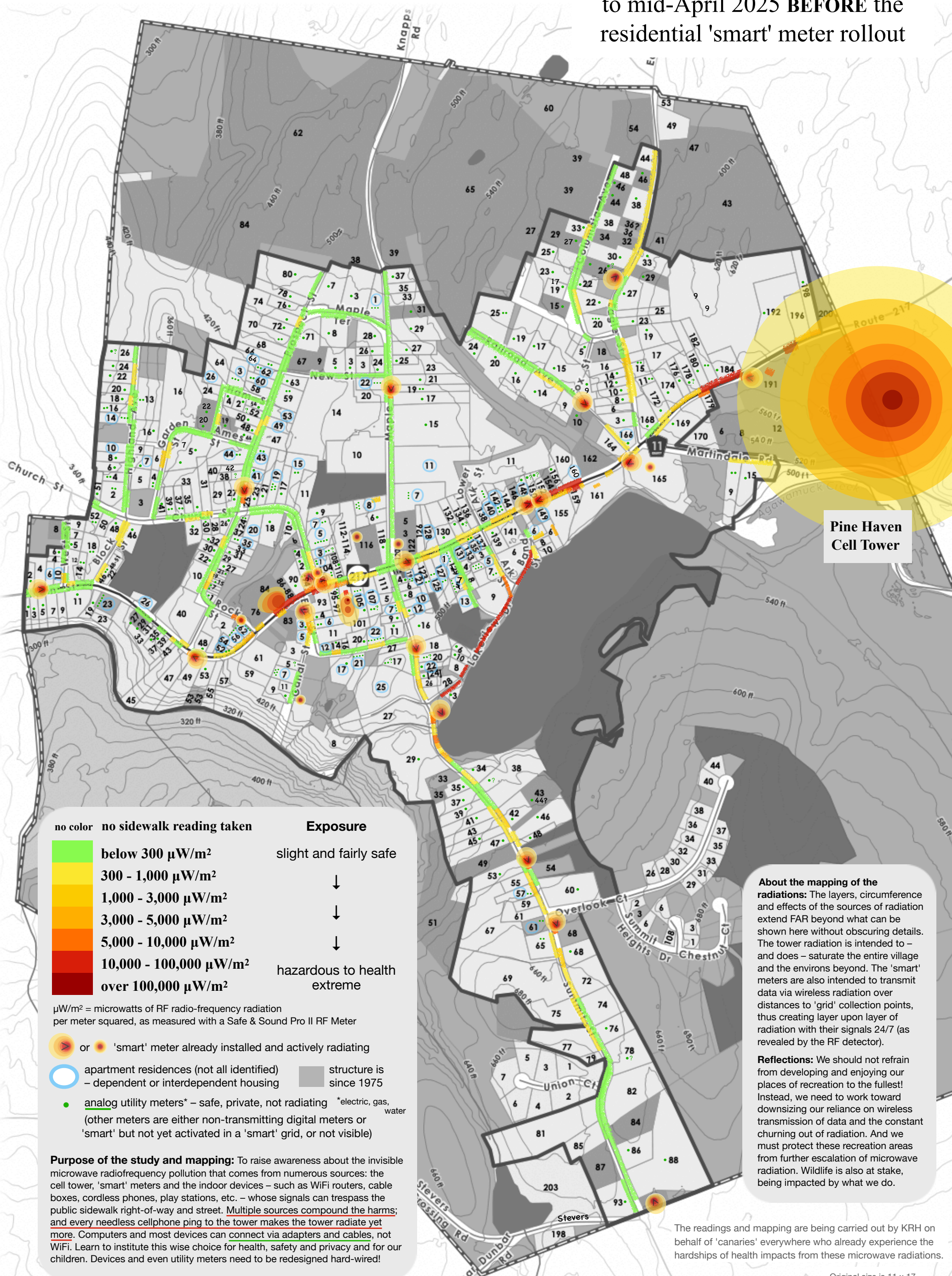


# PHILMONT'S Microwave Radiation Footprint

to mid-April 2025 **BEFORE** the residential 'smart' meter rollout



**Pine Haven  
Cell Tower**

no color	no sidewalk reading taken	Exposure
	below 300 $\mu\text{W}/\text{m}^2$	slight and fairly safe
	300 - 1,000 $\mu\text{W}/\text{m}^2$	↓
	1,000 - 3,000 $\mu\text{W}/\text{m}^2$	↓
	3,000 - 5,000 $\mu\text{W}/\text{m}^2$	↓
	5,000 - 10,000 $\mu\text{W}/\text{m}^2$	↓
	10,000 - 100,000 $\mu\text{W}/\text{m}^2$	hazardous to health
	over 100,000 $\mu\text{W}/\text{m}^2$	extreme

$\mu\text{W}/\text{m}^2$  = microwatts of RF radio-frequency radiation per meter squared, as measured with a Safe & Sound Pro II RF Meter

- or 'smart' meter already installed and actively radiating
- apartment residences (not all identified) – dependent or interdependent housing
- structure is since 1975
- analog utility meters\* – safe, private, not radiating \*electric, gas, water (other meters are either non-transmitting digital meters or 'smart' but not yet activated in a 'smart' grid, or not visible)

**About the mapping of the radiations:** The layers, circumference and effects of the sources of radiation extend FAR beyond what can be shown here without obscuring details. The tower radiation is intended to – and does – saturate the entire village and the environs beyond. The 'smart' meters are also intended to transmit data via wireless radiation over distances to 'grid' collection points, thus creating layer upon layer of radiation with their signals 24/7 (as revealed by the RF detector).

**Reflections:** We should not refrain from developing and enjoying our places of recreation to the fullest! Instead, we need to work toward downsizing our reliance on wireless transmission of data and the constant churning out of radiation. And we must protect these recreation areas from further escalation of microwave radiation. Wildlife is also at stake, being impacted by what we do.

**Purpose of the study and mapping:** To raise awareness about the invisible microwave radiofrequency pollution that comes from numerous sources: the cell tower, 'smart' meters and the indoor devices – such as WiFi routers, cable boxes, cordless phones, play stations, etc. – whose signals can trespass the public sidewalk right-of-way and street. Multiple sources compound the harms; and every needless cellphone ping to the tower makes the tower radiate yet more. Computers and most devices can connect via adapters and cables, not WiFi. Learn to institute this wise choice for health, safety and privacy and for our children. Devices and even utility meters need to be redesigned hard-wired!

The readings and mapping are being carried out by KRH on behalf of 'canaries' everywhere who already experience the hardships of health impacts from these microwave radiations.