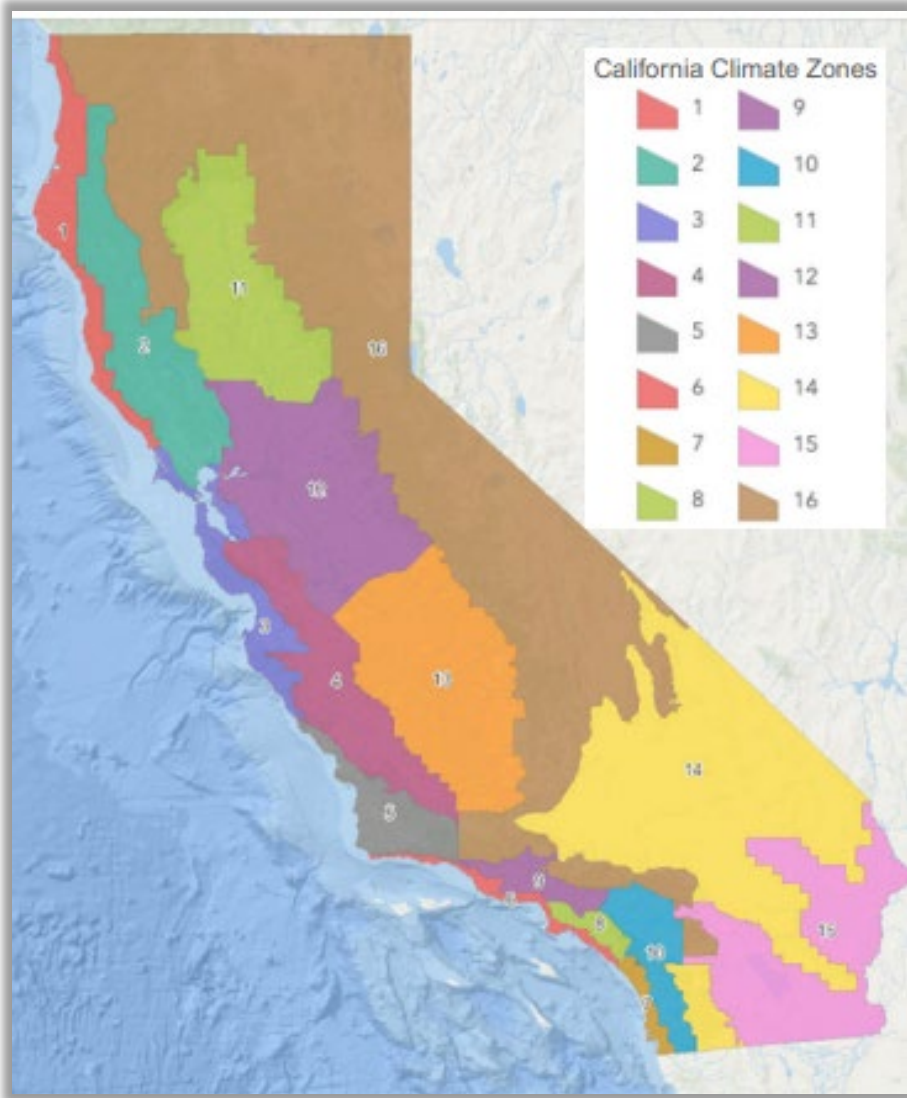


# Building a California Vapor Intrusion (VI) Attenuation Factor Dataset

- Goals
- Future Use
- Process
- VI Data in GeoTracker
- Projected Milestones and Estimated Schedule
- Resources





# Goals for Collecting California-specific VI Data

- Address California limitations in US Environmental Protection Agency national database and other recently published studies
- Compile robust statewide VI dataset representative of California climates, building design, and use
- Evaluate VI data to develop one or more California-specific screening attenuation factor scenario(s)

# Future Use of California-specific screening attenuation factor scenario(s)



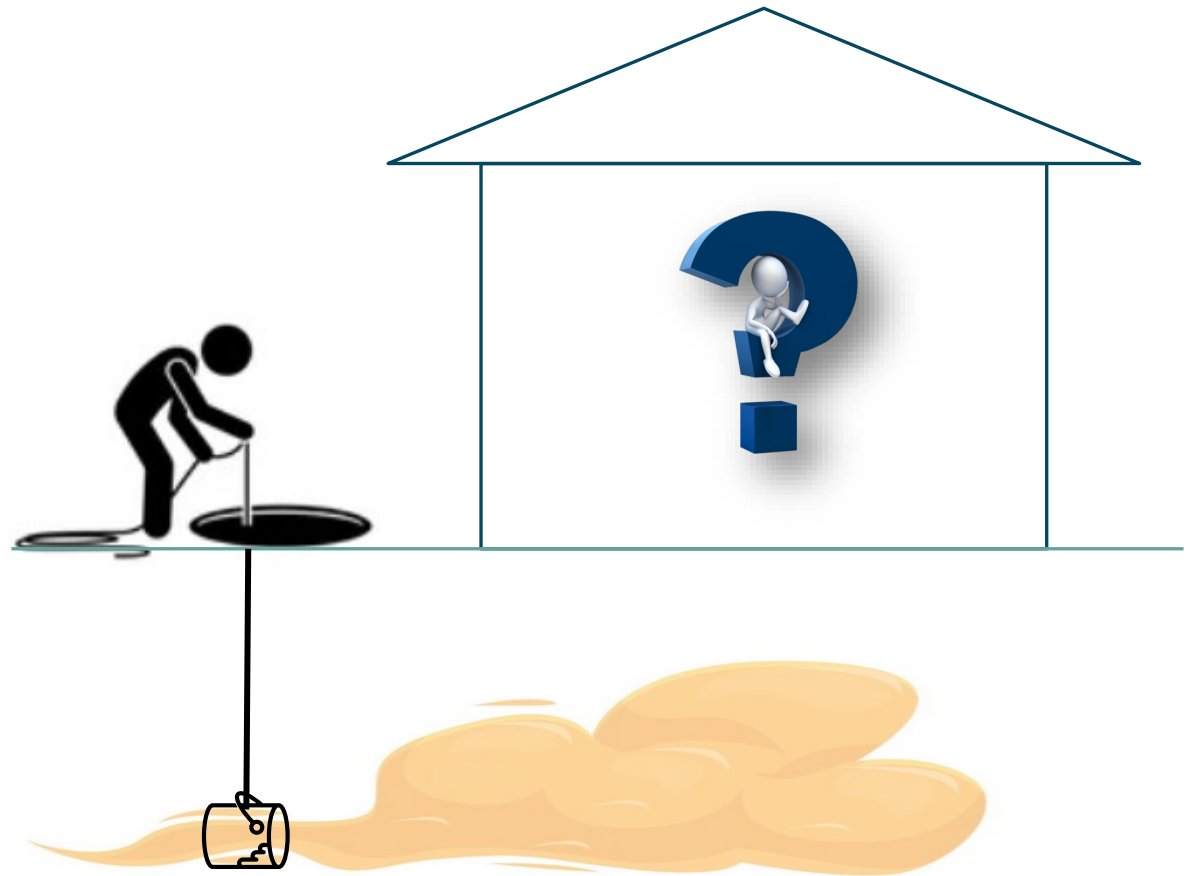
use to **estimate** indoor air concentrations when we only have subsurface concentrations



help us understand **potential** VI risk to occupants without sampling indoor air



use in the **screening** step to identify:  
1) if additional action is needed to further evaluate or mitigate risk or  
2) if no further action is warranted



# Process for Evaluating California-specific Screening Attenuation Factor Scenario(s)

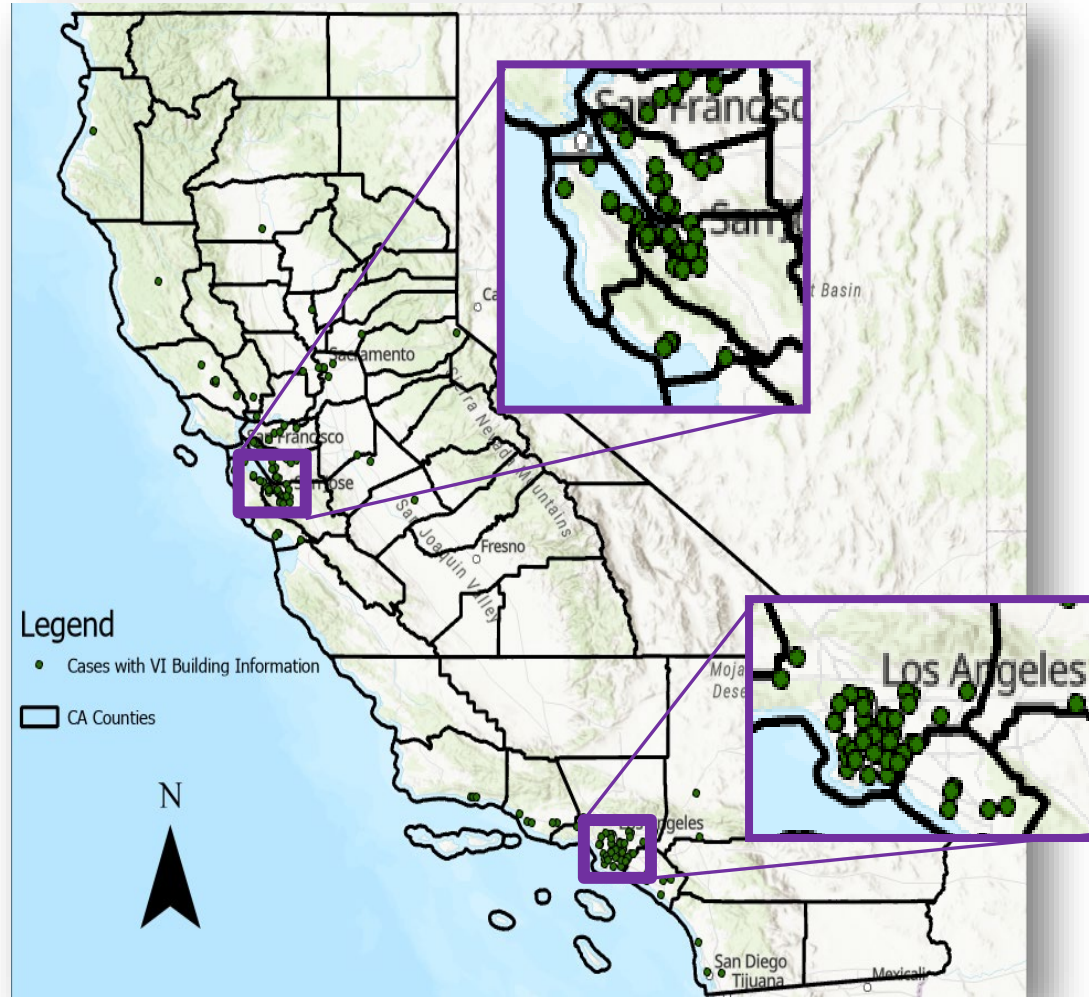


\*Required Electronic Submittal under California Code of Regulations Title 23, Division 3, Chapter 30

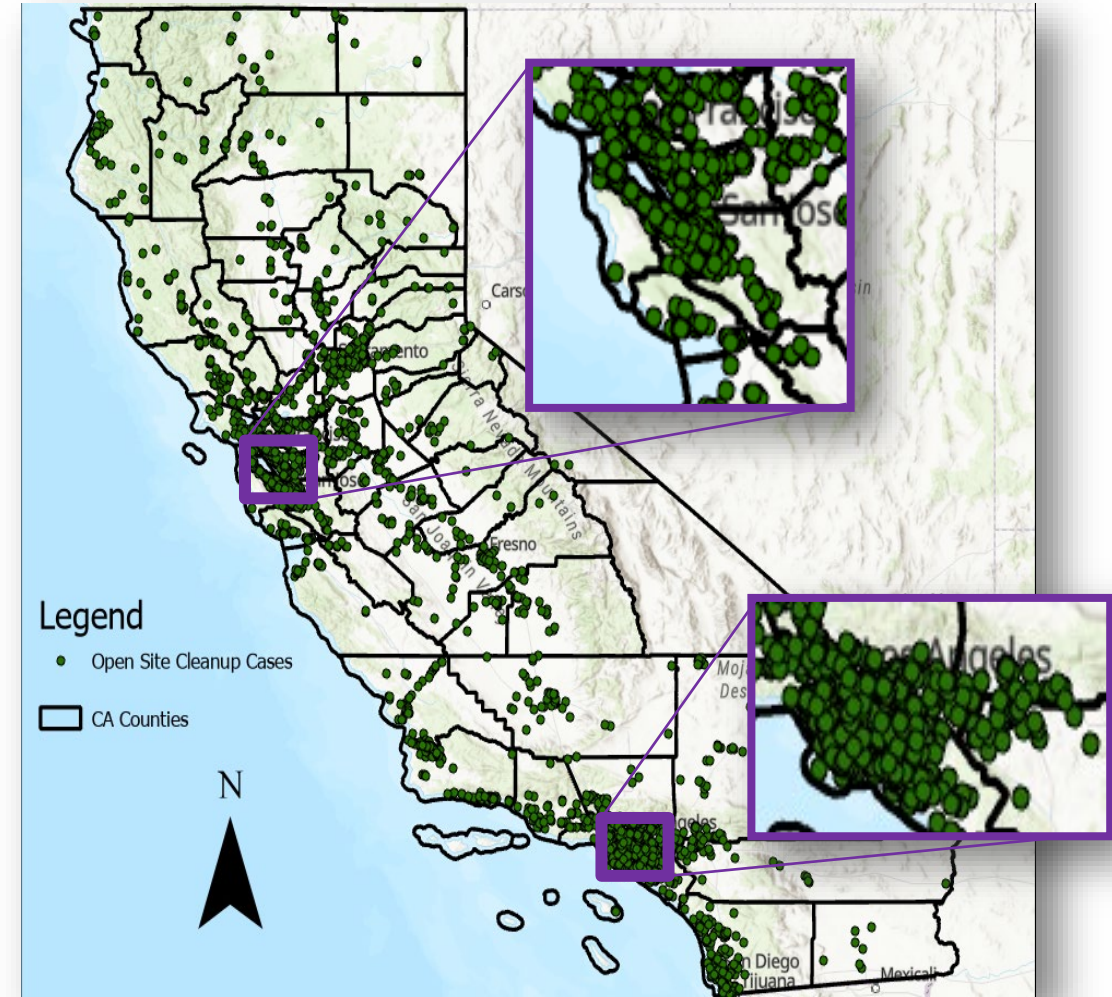
\*\*Voluntary Electronic Submittals



## Open Cleanup Cases with *Building Specific Information* in GeoTracker



## Open Cleanup Cases in GeoTracker

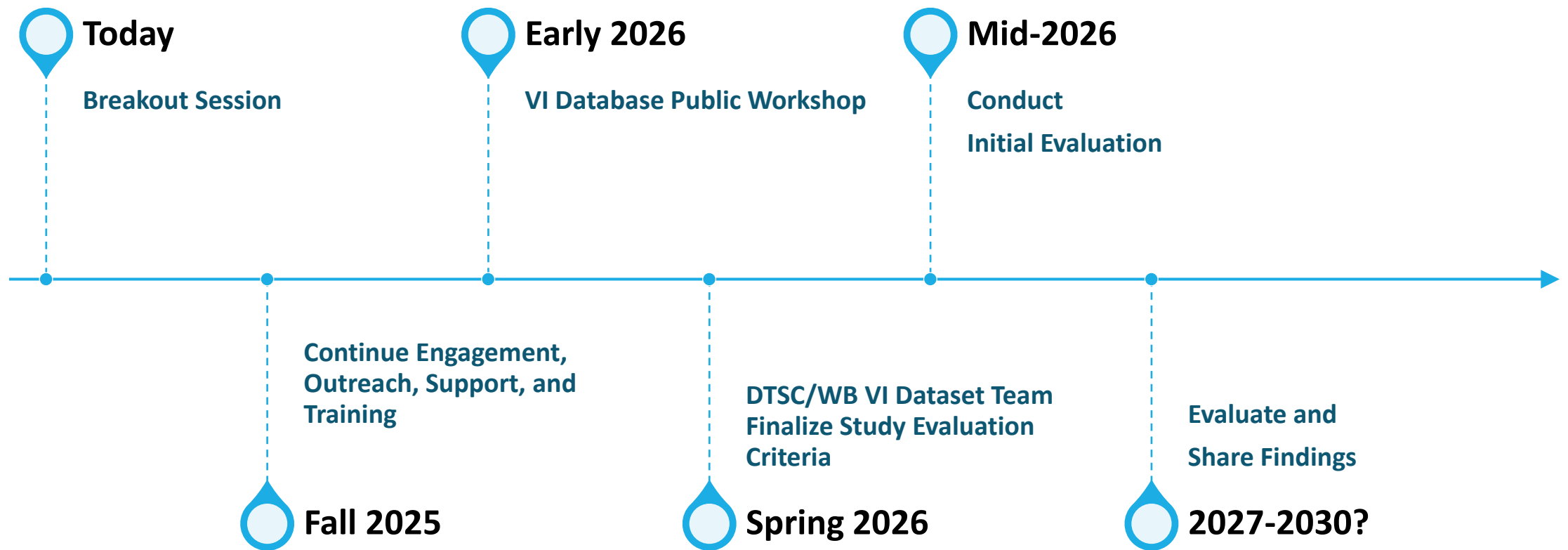


# Database Needs

- Statewide case representation
  - arid and colder climates
- Range of building age
- Building area (sq ft)
- Multiple rounds of paired indoor air/subsurface sample events
- Latitude and longitude of sample location
- Analytical Lab Data (EDF) uploaded to sample location
- HVAC on/off operation status during sample event



# Projected Milestones and Estimated Schedule



Poll Question:

## How Can We Partner to Accomplish Collecting Data Needed for the Dataset?

- A. WB Office Hours to Assist with VI Data Upload
- B. Public Dashboard with Current Data Needs and Tracking
- C. WB Staff Available to Attend Your Meetings to Train and Answer Questions
- D. VI Data Checklist for Upload
- E. Other







# Resources:

[https://www.waterboards.ca.gov/water\\_issues/programs/site\\_cleanup\\_program/vapor\\_intrusion/geotracker.html](https://www.waterboards.ca.gov/water_issues/programs/site_cleanup_program/vapor_intrusion/geotracker.html)

## GeoTracker Vapor Intrusion Database

### California Vapor Intrusion GeoTracker Database

Vapor Intrusion is a complex, highly variable science. A robust empirical dataset is needed to help us better understand vapor behavior.

#### GeoTracker Database

<https://geotracker.waterboards.ca.gov/>



### Webinar on GeoTracker Electronic Submittal of Information Compliance for Site Cleanup Program Regulated Community

This video is for interested parties to learn about the electronic submittal of information (ESI) requirements, submittal types and the process for uploading information into the State Water Resources Control Board's online data management system, GeoTracker. Information is uploaded through the [GeoTracker ESI Portal](#). In addition, the webinar provides live demonstrations of tools and features in the ESI Portal and how the uploaded information is viewable on the public GeoTracker webpage.

- [Webinar Video](#)
- [Webinar Presentation](#)

### Guidance on Uploading Vapor Intrusion Information into GeoTracker

Electronic Submittal of Information Format



California State Water Resources Control Board  
Version 1  
August 2019

More info: <https://geotracker.waterboards.ca.gov/>

This document provides instruction on how to input relevant vapor intrusion information used in a vapor intrusion assessment into the GeoTracker database.

- [Guidance on Uploading Vapor Data into GeoTracker](#)

## Contact Us:

**GeoTracker Help Desk:**

[GeoTracker@waterboards.ca.gov](mailto:GeoTracker@waterboards.ca.gov)

**VI Database:**

[DWQ-vaporintrusion@waterboards.ca.gov](mailto:DWQ-vaporintrusion@waterboards.ca.gov)

