CALIFORNIA
AIR RESOURCES BOARD

2027 Landfill Methane Regulation Implementation Training Webinar

November 9, 2026

Agenda

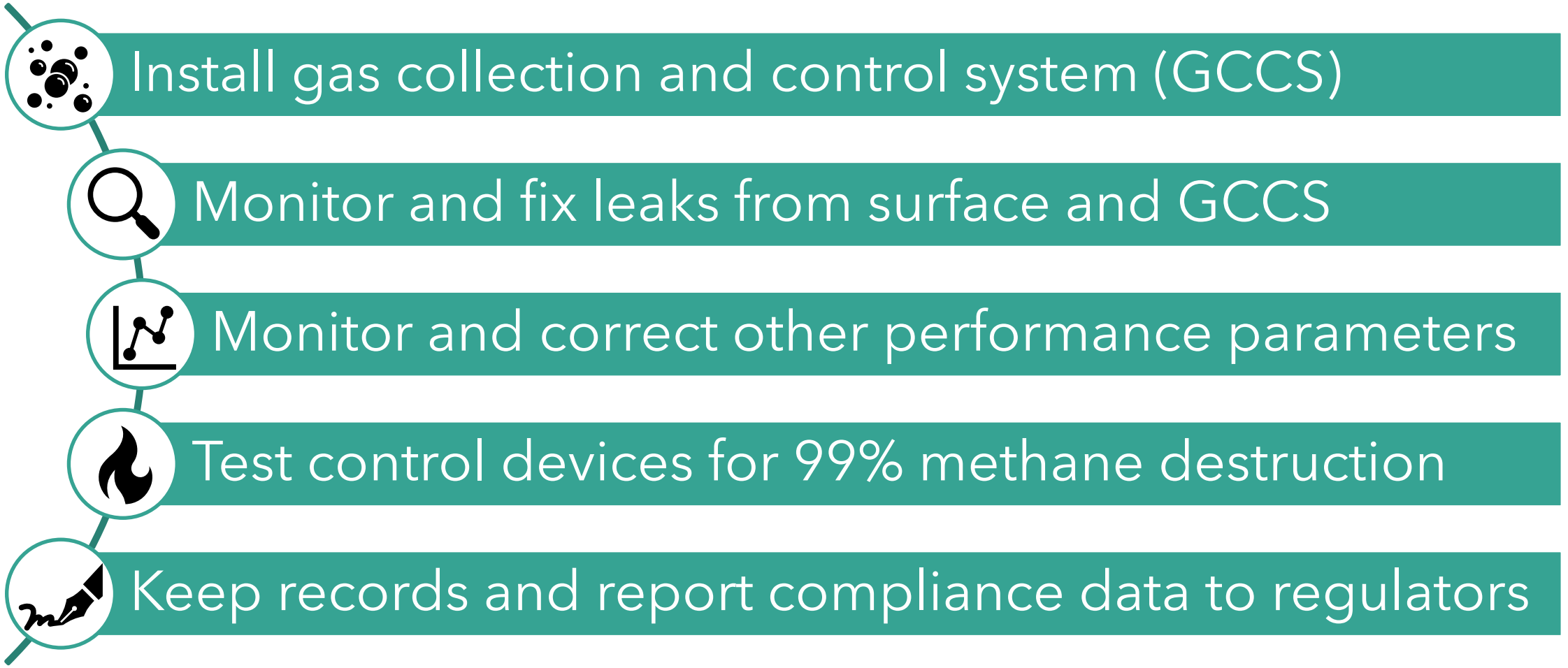
1. Background
2. Surface and Component Leaks
3. Collection System and Cover Integrity Assessments
4. Well Monitoring
5. GCCS Requirements
6. Miscellaneous Changes
7. Recordkeeping and Reporting
8. Next Steps

Background

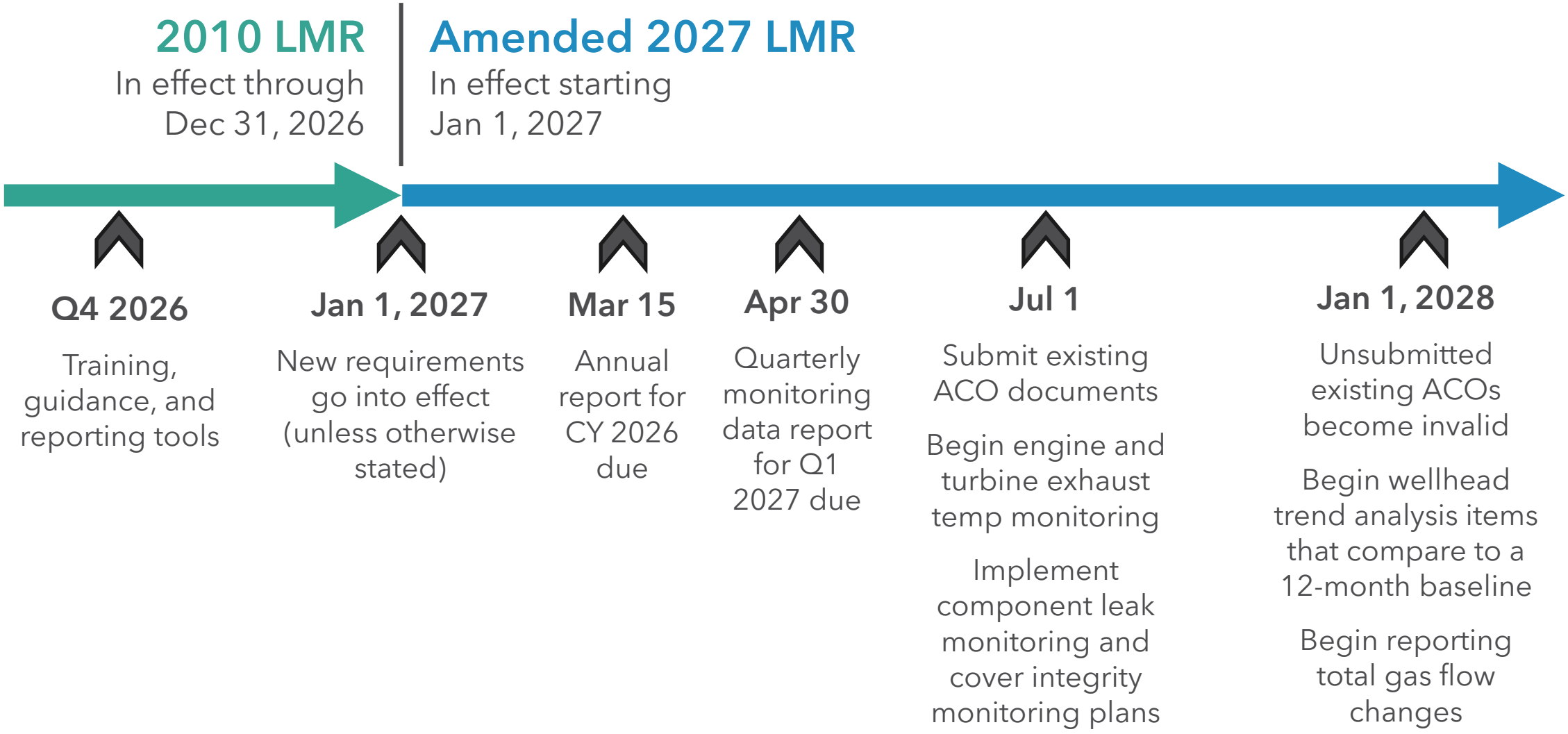
California's Landfill Methane Regulation (LMR)

- Adopted in 2010 as an early action measure under the Global Warming Solutions Act of 2006 (Assembly Bill 32)
- Designed to reduce methane emissions from landfills
- More stringent requirements for controlling emissions and monitoring for leaks than federal rules
- Most local air districts have agreements with CARB to primarily implement and enforce the LMR in their districts

Existing LMR Requirements



2027 LMR Requirements Timeline



Structure of Presentation

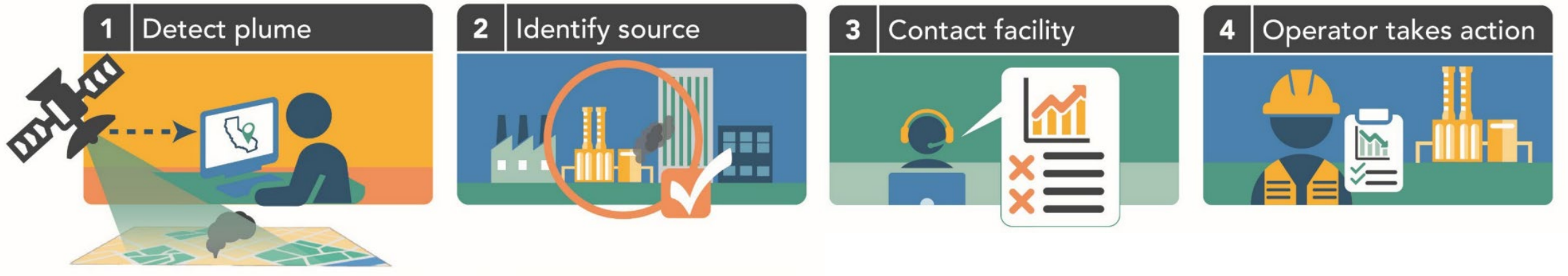
- Focused on new provisions and changes
  - Not a comprehensive overview of all LMR requirements
- Not exhaustive of all details
  - The regulatory language includes all details
  - Regulatory references included on these slides



Landfill Methane Regulation
(unofficial clean copy)

Surface and Component Leaks

Remotely Detected Methane Plumes - §95469(b)





- Plume data available to CARB within 72 hours of observation at a spatial resolution of 30m x 30m or less
- Notification sent within 7 business days
- Notification includes an ID number, date and time of detection, estimated plume origin, and plume image
- CARB posts plumes and repair statuses 30 days after detection on *CalSMP Dashboard*

Plume Response - §95469(b)(2) & (4)

- Upon receiving a plume notification (at a controlled site):



  - Conduct surface emissions monitoring (SEM) and component leak monitoring (CLM) in 600 ft x 600 ft area

- Note: Receiving a notification is not an enforcement action, but monitoring and reporting are mandatory

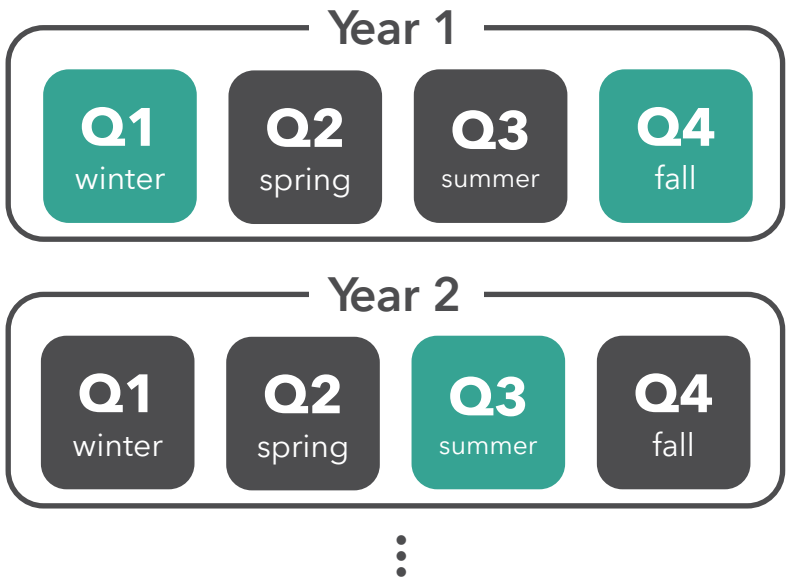
*All timelines in "days" in this presentation are calendar days.

Surface Emissions Monitoring (SEM) – Spatial Coverage

- SEM must be performed across the entire landfill surface and all areas with cover penetrations, distressed vegetation, cracks or seeps
- Use SEM screening procedure in areas that are unsafe to walk [§95471(d)]
  - Can use volumetric or column measurement tools
  - Must follow up on hotspots with Method 21 detector within 10 days (allowance for up to 30 days when a specialized crew is needed, with additional reporting)
- Working face may be excluded from for up to 180 days after waste placement begins [§95471(c)(1)(A)]
  - SEM must be performed once active filling and compacting stop or the 180-day period expires (whichever is sooner)
  - Can use §95471(d) method if area is unsafe-to-walk after SEM must resume
  - Only count days starting January 1, 2027

SEM – Frequency

- Recurring leaks: 5 instantaneous or 3 integrated exceedances a grid in 12 months [§95469(a)(4)]
  - Cover integrity and collection system assessments within 30 days in that grid and surrounding grids
  - Increase to monthly SEM until no exceedances for 6 months
- Every-three-quarters SEM [§95469(a)(1)(C) & (2)(C)]
  - Areas with final cover eligible for annual SEM under the 2010 LMR: Change to every-three-quarters SEM.
    - First 2027 monitoring must be in Q1, Q2, or Q3
    - Revert to quarterly SEM upon finding an exceedance
  - Areas without final cover: Must return to quarterly SEM as of Q1 2027



SEM – Repairs & Re-monitoring

Require faster repairs

- Five days to initiate repairs [§95469(a)(1)(B) & (2)(B)]
  - Any documented action that moves the repair process forward
- 120 days from initial exceedance to final repair
  - Can request alternative to a new/replacement well within 30 days after the third exceedance [§95469(a)(3)]

Ensure repairs hold up

- Confirmation re-monitoring 1-month from the initial exceedance [§95469(a)(1)(B)3. & (2)(B)3.]
  - Any reasonable interpretation of "one month" is acceptable (e.g., 30 calendar days, same numbered day in the following month)

SEM – Other



Search 5-ft radius around each instantaneous exceedance [§95471(c)(2)(B)]

- Any readings over 500 ppmv in that radius count as 1 exceedance
- Must remediate and re-monitor the entire area over 500 ppmv



Perform SEM using 1 Hz measurement frequency [§95471(c)(2)(A) & (3)(A)]

- Record all concentration measurements and GPS coordinates at 1 Hertz

Other changes

- 72-hr SEM prohibition after measurable liquids application [§95471(c)(1)(E)]
- Record barometric pressure during SEM (does not need to be onsite instrumentation) [§95471(c)(2)(D) & (3)(C)]
- Repealed exclusions for construction and working face [2010 LMR §95466]

Note: Exceedances found during compliance inspections are violations of §95465

Alternative SEM Technologies

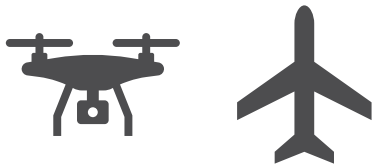
Alternative SEM procedures for new technologies [§95471(e)]

- May be used upon evaluation and approval of procedures by CARB
  - Application must demonstrate equivalent emission reductions
  - Submit to CARB through LMR Reporting webpage (forthcoming)

Potential Technologies Include

(but not limited to)

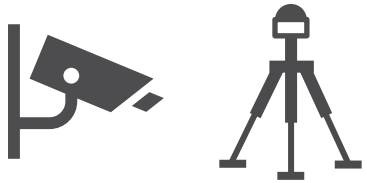
Aerial Surveys and Autonomous Vehicles
(e.g., drones, aircraft)



Handheld Devices
(e.g., laser-based)



Continuous Emissions Monitoring
(e.g., cameras)



Component Leak Monitoring (CLM)



Component leak monitoring procedures [§95471(f)]

- Follow Method 21, including procedures specific to each type of component
- Re-monitoring is required to demonstrate repair within 10 days



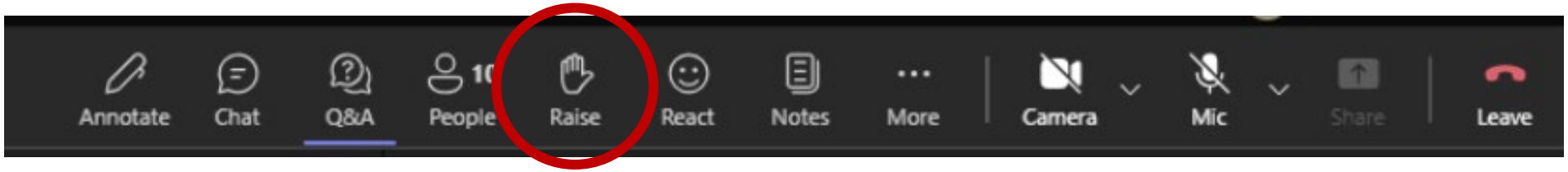
Component leak monitoring plans [§95464(b)(5)]

- Includes: procedures and timelines for monitoring and repairs; list of components to be monitored and method for locating; sitemap or diagram showing component locations
- Must be prepared and implemented by July 1, 2027
  - Must be submitted upon request

Surface and Component Leak Monitoring Q&A

Please raise your hand to ask a question about surface emissions monitoring and component leak monitoring.

The “raise hand” feature is located on the toolbar at the top of the screen.



Collection System and Cover Integrity Assessments

Collection System Assessment - § 95471(j)

- Triggered by recurring surface emissions [§95469(a)(4)] and wellhead pressure exceedances; high temperatures; high oxygen or a rapid increase in oxygen [§95469(e)] and as part of a request for semi-continuous operation [§95467(a)]
  - Assessment area and repair timeline depends on triggering provision
  - In most cases, a 200-foot radius; assess within 30 calendar days; correct any deficiencies discovered within 60 calendar days
- Method:
  - Physically investigate the collection system for cracked, damaged, broken, pinched, plugged, watered-in, or otherwise impaired components
  - Analyze wellhead data from previous 12 months and determine the reasons for any changes
- Assessment does not need to be repeated for the same area if triggered again within 6 months

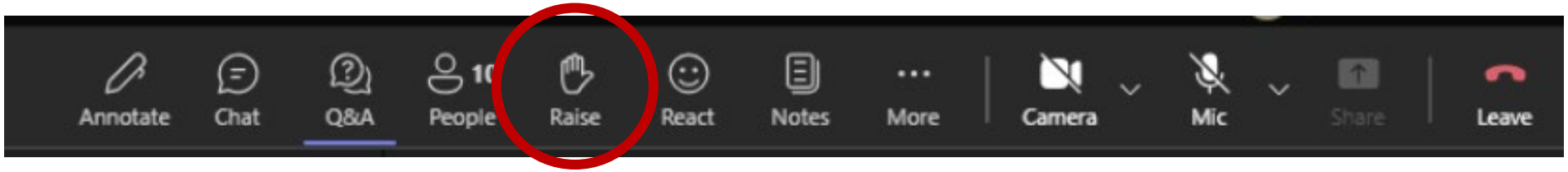
Cover Integrity Assessment - § 95471(k)

- Triggered by recurring surface emissions exceedances [§95469(a)(4)]; high temperatures; high oxygen or a rapid increase in oxygen [§95469(e)] and as part of a request for semi-continuous operation [§95467(a)]
  - Assessment area and repair timeline depends on triggering provision
  - In most cases, a 200-foot radius; assess within 30 calendar days; correct any deficiencies discovered within 60 calendar days
- Method:
  - Inspect the surface cover, measure its thickness, and perform one additional characterization test (soil classification, gas profile, or saturated hydraulic conductivity)
  - Correct any deficiencies found using any of the available approaches in § 95471(k)(5)
- New measurements and characterization test do not need to be repeated for the same area if triggered again within 12 months

Collection System and Cover Integrity Assessments Q&A

Please raise your hand to ask a question about the collection system assessments or cover integrity assessments.

The “raise hand” feature is located on the toolbar at the top of the screen.



Well Monitoring

Wellhead Monitoring – New Gas Parameters

- Additional monthly parameters (in addition to gauge pressure) [§95469(e)]
  - Temperature
  - Composition (methane, oxygen, carbon dioxide)
  - Flow rate
- Must monitor all wells, but temperature and oxygen response actions only apply to interior wells
- Continuous monitoring systems can be used for compliance
  - Exceedances in continuous data defined in §95469(e)(8)
  - Can choose to perform manual monitoring for compliance purposes

Wellhead Monitoring – Positive Pressure

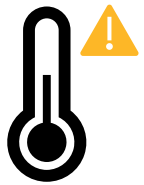
New items underlined

Positive Pressure (including zero gauge pressure) [§95469(e)(1)]

- Initiate corrective action within 5 days, re-monitor within 15 days
- If still positive after 15 days:
  - Initiate further action to correct the exceedance
  - Perform root cause analysis (including collection system assessment)
- If still positive after 60 days:
  - Conduct corrective action analysis and develop implementation schedule
  - Submit root cause analysis, corrective action analysis, and implementation schedule to CARB within 75 days
  - Positive pressure must be corrected within 120 days or it is a violation

Note: See §95464(c) for exceptions to vacuum pressure requirement

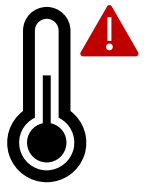
Wellhead Monitoring – Temperature >131°F



Temperature >131°F (55°C) at an interior well [§95469(e)(3)]

- Perform collection system and cover integrity assessments in 200-ft radius within 30 days and correct any deficiencies within 60 days
- Reduce oxygen content below 5%
- If still >131°F after 60 days, begin enhanced wellhead monitoring and downwell monitoring within 7 days at that well and all wells within 200 feet
  - Conduct enhanced wellhead monitoring weekly and downwell temperature monitoring monthly
    - If four consecutive carbon monoxide measurements <100 ppmv, can relax to monthly enhanced and every 6 months downwell
    - Can stop both enhanced and downwell temperature monitoring if no point in the well >145°F (62.8°C)

Wellhead Monitoring – Temperature >145 °F



Temperature >145°F (62.8°C) at an interior well [§95469(e)(4)]

- Reduce oxygen content below 2.5%
- Initiate corrective action within 5 days
- Begin enhanced wellhead and downwell temperature monitoring within 7 days (see previous slide for schedule/relaxations)
- If still >145°F after 15 days, conduct root cause analysis (including collection system and cover integrity assessments) within 60 days of initial exceedance
- If still >145°F after 60 days, conduct corrective action analysis and implementation schedule, and submit to CARB (with root cause analysis) within 75 days
- Temperature must be returned below 145°F within 120 days or it is a violation

Wellhead Monitoring – Further Temperature Elevation

Temperature >160°F (71.1°C) at an interior well [§95469(e)(3)(B)3.]

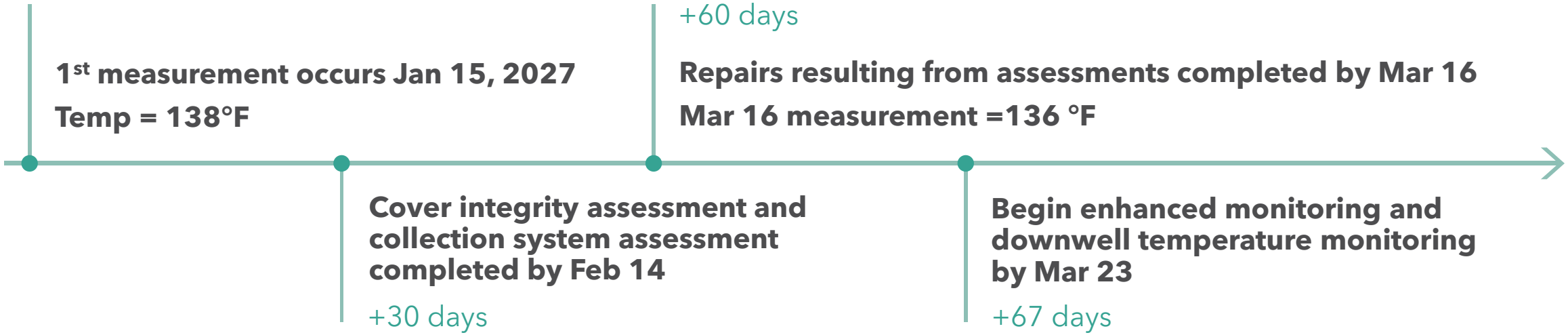
- Reduce oxygen content below 1%

Temperature ≥170°F (76.6°C) and carbon monoxide ≥1,000 ppmv at an interior well [§95469(e)(4)(F)]

- Submit 24-hour high temperature report to CARB within 24 hours
- Complete corrective action within 15 days, or it is a violation

Wells with Existing High Temperatures

- Timelines begin from the first measurement in 2027
  - All analyses, corrective action, reporting, etc.
- Example:
  - Known temperature above 131°F prior to 2027, first monitoring and assessment steps as follows:



Enhanced and Downwell Temperature Monitoring

Enhanced Wellhead Monitoring [procedures in §95471(o)]

- Visual observation, temperature, flow rate, gas composition, and carbon monoxide
- Triggered by any of the following:
  - Temperature >131°F for 60 days or >145°F [§95469(e)(3)-(4)]
  - Temperature increases by more than 20°F in one month [§95469(e)(7)(A)]
  - Recurring high oxygen [§95469(e)(6)]

Downwell Temperature Monitoring

- Monitor every 10 feet using a removable probe or permanent thermocouples
- Triggered by any of the following:
  - Temperature >131°F for 60 days or >145°F [§95469(e)(3)-(4)]
  - Recurring high oxygen with elevated carbon monoxide [§95469(e)(6)(B)]

Wellhead Monitoring – Oxygen ≥5%

Oxygen content ≥5% by volume at an interior well [§95469(e)(5)]

- No further action if reduced below 5% within 15 days
- If still ≥5% after 15 days:
  - Perform a collection system assessment and cover integrity assessment in a 200-ft radius around the well within 30 days of initial measurement
  - Correct issues or deficiencies discovered in the assessments within 60 days of initial measurement
- Note: These requirements do not apply where waste has been in place <2 yr

Wellhead Monitoring – Recurring Exceedances

Recurring positive pressure [§95469(e)(2)]

- Triggered if 3 positive pressure readings within a 12-month period
  - Measurements taken while corrective action was ongoing do not count
- Perform collection system assessment in 200-ft radius within 30 days and correct issues discovered within 60 days
- Increase pressure monitoring frequency (weekly for first 6 months)

Recurring oxygen ≥5% at an interior well [§95469(e)(6)]

- Triggered if 6 readings ≥5% within a 12-month period
- Conduct enhanced wellhead monitoring weekly
  - Perform downwell temperature monitoring once if >100 ppmv CO

Note: Only count measurements starting in 2027 toward recurring thresholds

Wellhead Monitoring – Trend Analysis

Temperature increase at an interior well [§95469(e)(7)(A)]

- Triggered if increases by more than 20°F (11°C) in a month
- Conduct enhanced monitoring weekly at all wells within 200 ft
  - Can relax to monthly if four consecutive <100 ppmv carbon monoxide
  - Can cease if four consecutive weekly wellhead temperatures <131°F

O_2 Oxygen increase at an interior well [§95469(e)(7)(B)]

- Triggered if increases by more than 2 percentage points in a month, and sustains that for the subsequent month
  - Example: March=1.2%; April=3.9%; May=3.4%
- Perform collection system and cover integrity assessments in 200-ft radius within 30 days, and correct issues identified within 60 days of the subsequent reading (e.g., the May reading in the example)

Wellhead Monitoring – Trend Analysis (cont.)

Wellhead trend analysis reporting-only items [§95469(e)(7)(C)]

- This requirement begins January 1, 2028
- Compare each monthly monitoring value to the prior 12-month average at each well for the following, and report the cause of the change (see table)

Wellhead Parameter	Threshold Trigger (vs. 12-Month Rolling Average)
Gauge Pressure	• Changes by more than **2 in. w.c.** if avg vacuum is ≤ 10 in. w.c. • Changes by more than **20%** if avg vacuum is > 10 in. w.c.
Methane Content (CH_4)	Changes by more than **10 percentage points**
Ratio of CH_4:CO_2	Decreases by more than **25%** or falls **below 1.0**
Landfill Gas Flow Rate	Changes by more than **30%**

Liquid Level Monitoring – §95469(f)

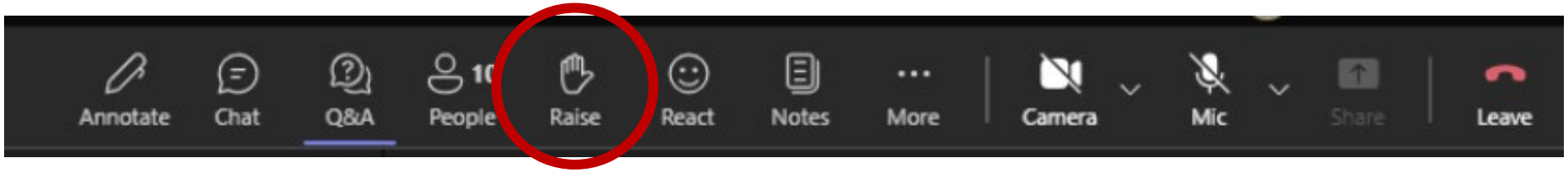
Liquid level monitoring at interior vertical wells

- Annual monitoring between Jan-Apr
  - Increase to quarterly at wells with >50% of screened interval covered
  - Relax sampling schedule at wells that demonstrate <50% covered for 2 consecutive annual events
- If liquid level >50%, remove liquid or other obstruction within 120 days
- Repair or replace compromised wells discovered during this monitoring
- Can exclude remote or inaccessible wellheads that preclude monitoring
  - Must document why these wells could not be monitored (recordkeeping)

Well Monitoring Q&A

Please raise your hand to ask a question about well monitoring.

The “raise hand” feature is located on the toolbar at the top of the screen.



GCCS Requirements

GCCS Installation and Expansion

GCCS installation timeline at uncontrolled landfills [§95464(a)(3)-(4)]

- Changed installation deadlines after design plan approval:
  - 12 months at active landfills (down from 18 months)
  - 18 months at closed or inactive landfills (down from 30 months)

Expansion of gas collectors to new waste areas [§95464(a)(5)]

- Landfills with ≥200,000 tons deposited in any of the 3 prior years must install gas collectors in areas of new waste deposition within 180 days
  - Monitor monthly for pressure and gas composition
  - Operate within 30 days after 30 feet of waste placed, positive pressure of ≥1 inch H_2O, and ≥30% CH_4 (all three conditions met)

GCCS Downtime and Offline Wells

Limits on control system downtime (whole system) [§95464(b)(1)(A)2.]

- Downtime limited to the following amounts:
  - 240 hours per year for landfills with <12,000 MT CH_4 collection
  - 120 hours per year for landfills with ≥12,000 MT CH_4 collection
- Shut down gas mover and close valves automatically within 1 hour

Limits on collection component shutdown [§95464(e)]

- Implement measures to minimize emissions during shutdown
- When individual component downtime exceeds 5 days, perform SEM, CLM and submit a Temporary Component Shutdown notification within 15 days
- Complete well raising and reconnect well within 30 days
- No more than 10 wells offline at once (exceptions apply, see §95464(e)(3))
- Report component downtime >24 hours in Annual GCCS Report

Collection System Pressure Monitoring

Gas collection system pressure monitoring [§95469(g)]

- Install sensor on negative pressure side of blower system [§95464(b)(1)(E)]
- Establish a setpoint pressure
- Re-tune all wells within 10 days after setpoint changes
- Report cause of large pressure deviations from setpoint (+/- 20% for 3 hours)

Note: The setpoint is an operator-selected baseline pressure around which deviations need to be reported. The operator is not required to change this setpoint every time they physically adjust the blower settings. See FSOR p. 214.

Gas Control System Monitoring

Gas composition [§95469(d)(1)]

- Record collected gas composition at least monthly

Gas flow rate [§95469(d)(2)]

- Record flow rate to each control device (or set of devices) every 15 minutes
- Report cause of large deviations in total daily flow (>20% above/below 12-month average), beginning Jan 1, 2028



Gas treatment system (e.g., RNG upgrading) monitoring [§95464(b)(3)(B)1.]

- Measure methane flow rate at inlet and outlet of system [§95469(d)(5)]
  - Gas flow rate every 15 minutes; methane content every 3 hours
- Note: This applies only to systems transforming the gas for subsequent sale, not pre-treatment before use in engines or turbines

Gas Control System Monitoring (cont.)

Enclosed flare temperature monitoring [§95469(d)(3)]

- Record all 3-hour periods of operation below minimum temperature (50°F or 28°C below source test temperature)
- Violation if sum of 3-hour periods below min temp exceeds 120 hours in a year

Engine and gas turbine temperature monitoring [§95464(b)(1)(A)2.]

- Measure exhaust temperature continuously
- Maintain within permitted range; or above 50 °F (28°C) below last source test, if no permitted range [§95469(d)(4)]
- Violation if sum of 3-hour periods outside range exceeds 120 hours in a year

Well Decommissioning

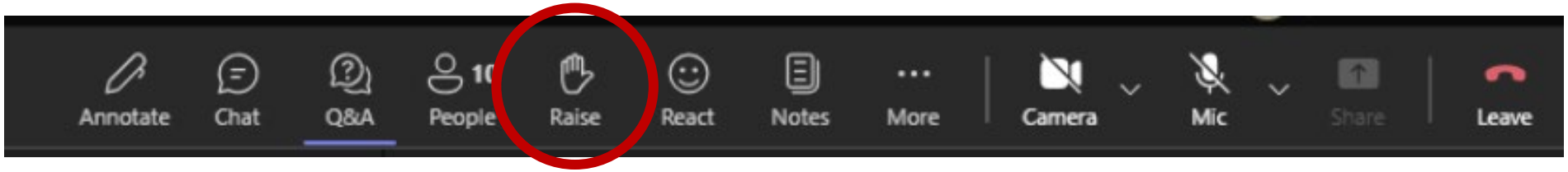
Gas well decommissioning

- "Decommissioning" means taking a well out of service permanently
  - Temporarily disconnecting a well is not "decommissioning"
- Wells can only be decommissioned if they meet at least one of the following criteria [§95464(c)(2)]:
  - Below 20% methane, with long-term declining trend
  - Radius of influence covered by other wells, as demonstrated using one of the methods in §95471(p)
  - Well is damaged and poses a hazard (must be replaced within 120 days)

GCCS Requirements Q&A

Please raise your hand to ask a question about gas collection and control system requirements.

The “raise hand” feature is located on the toolbar at the top of the screen.



Miscellaneous Changes

ACO Documentation and Cover Monitoring Plans

Documentation of current alternative compliance options

- Submit original request and any available approval documentation to CARB by July 1, 2027 [§95468(e)]
- If no documentation is submitted, an existing ACO becomes invalid on January 1, 2028
- Re-approval is not required: Pre-2027 ACOs continue to be valid so long as documentation is submitted and the ACO is not actively revoked

Cover integrity monitoring plans [§95464(b)(6)]

- Monthly monitoring, maintenance, and repairs of daily and intermediate cover areas
- Must be prepared and implemented by July 1, 2027
  - Must be submitted upon request

Third-Parties and New Gas Control Systems

Clarify third-party owner/operator responsibilities

- Adjusted definitions of "owner" and "operator" to close gaps
- Each owner/operator is responsible for requirements applicable to the equipment they own/operate
- Can coordinate with landfill owner/operator to submit combined reports, or submit separate reports

Control System Design Plans [§95464(a)(2)]

- Required for new control systems first accepting gas after July 1, 2027
- Submit to CARB at least 6 months before accepting gas
- Helps ensure new control systems are appropriately designed to meet regulatory requirements

GCCS Semi-Continuous Operation - §95467(a)-(c)

- New process with specified criteria for demonstrating declining gas generation, cover integrity and collection system functionality, including (selected items):
  - No SEM exceedances in previous 3 years (including compliance inspections)
  - Monitor methane content of collected gas every 3 hours for 1 year and show that collected methane is <275 MT CH_4/yr or methane content <30% for 5 years
- Request must include proposed operational schedule with performance indicators to increase/decrease uptime
- Landfills with an existing approved ACO for semi-continuous operation can continue to operate under that ACO unless it is invalidated or actively revoked in accordance with §95468(d)-(e)
- All GCCSs operating semi-continuously must include a daily operational summary in Annual GCCS Report §95470(b)(3)(G), whether previously approved by ACO or under the new process in §95467

GCCS Permanent Shutdown - §95467(d)-(f)

Conditional permanent shutdown request

- New process with specified criteria, including (selected items):
  - GCCS operated ≥15 yr after last waste acceptance
  - No SEM exceedances in previous 3 years (including compliance inspections)
  - Monitor methane content of collected gas every 3 hours for 3 years, and show that collected methane is <125 MT CH_4/yr
- Perform SEM demonstration with simulated shutdown
  - Upon approval of conditional request, shut down GCCS for at least 5 days before performing quarterly SEM; demonstrate 8 consecutive quarters with no exceedances

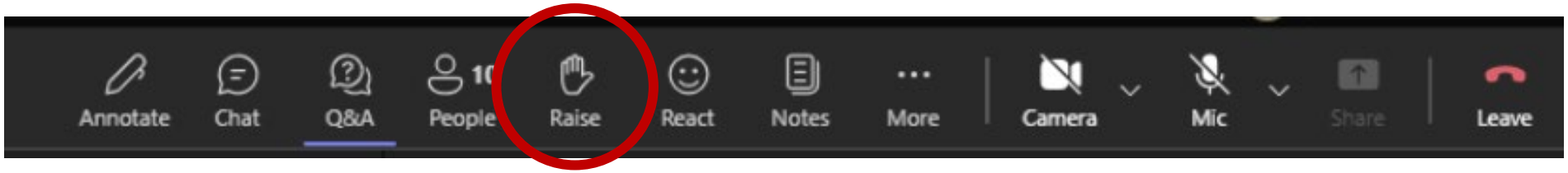
Final request for approval of permanent shutdown

- Submit final request for approval to permanently shut down, cap, or remove the gas collection and control system
- If approved, the requirements of §95464 through 95470 no longer apply

Miscellaneous Q&A

Please raise your hand to ask a question about requirements for ACO documentation, cover monitoring, third-party owner/operators, control system design plans, or semi-continuous operation and shutdown of the GCCS.

The “raise hand” feature is located on the toolbar at the top of the screen.



Recordkeeping and Reporting

Reporting Process

- All LMR reports, notifications, and requests must be submitted directly to CARB
- Reports must be submitted using standardized templates if one is provided for that report type
  - Staff is developing templates for most common reports, notifications, and requests
  - Draft Quarterly Monitoring Data Report templates are available for review
- The LMR Reporting website will be updated with instructions and finalized templates

LMR Reporting Website



Recordkeeping and Annual Reports

- Recordkeeping parameters expanded [§95470(a)]
- **Annual GCCS Report** expanded to include reporting on new provisions, GIS maps, and other new data [§95470(b)(3)]
  - Note: For controlled landfills, the 2027 LMR requirements do not apply to 2026 Annual Reports (due by March 15, 2027).
- **Annual Uncontrolled Landfill Report**: Waste-in-Place (WIP) and Heat Input Capacity (HIC) now consolidated into single report [§95470(b)(6)]
  - Note: For uncontrolled landfills, the 2027 LMR requirements do apply to 2026 Annual Reports due by March 15, 2027.

Quarterly Reporting

- **Scheduled SEM notification** [§95470(b)(5)]
  - Submit date of each anticipated SEM event at least 15 days in advance
  - Note: The date can change after providing this notification
- **Quarterly Monitoring Data Reports** [§95470(b)(4)]
  - Raw SEM, CLM, well monitoring, and control system downtime data
  - Link to draft templates: Draft Templates for 2027 Landfill Methane Regulation Reports
  - Feedback requested by December 7, 2026: Docket

Quarterly Monitoring Data Report (QMDR) Draft Templates

Surface Emissions Monitoring (SEM)

Records of all surface emissions monitoring data as described in section 95470(a)(1)(D).

- **Surface Emissions Monitoring (SEM):** *DRAFT_20YY-QX_QMDR_SEM.csv*
  - For records of surface emissions monitoring performed using the method in section 95471(c).

- **Surface Emissions Monitoring – Unsafe-to-Walk (SEM-UtW):** *DRAFT_20YY-QX_QMDR_SEM-UtW.csv*
  - For records of surface emissions screening using the unsafe-to-walk monitoring procedures specified in section 95471(d). Note: Required follow up monitoring using method 95471(c) for any readings above the screening threshold should be reported in the QMDR_SEM.

Component Leak Monitoring (CLM)

Records of all component leak monitoring data as described in section 95470(a)(1)(F).

- **Component Leak Monitoring:** *DRAFT_20YY-QX_QMDR_CLM.csv*

Well Monitoring

Records of all wellhead and well monitoring data as described in sections 95470(a)(1)(I) and (a)(1)(O).

- **Wellhead Monitoring:** *DRAFT_20YY-QX_QMDR_Wellhead.csv*
  - For reporting routine monitoring data from landfill gas collection wells, including liquid level monitoring.

- **Enhanced Wellhead Monitoring:** *DRAFT_20YY-QX_QMDR_Enhanced.csv*
  - For reporting enhanced wellhead monitoring records using the procedures specified in section 95471(o), when required in response to operating conditions that trigger enhanced monitoring.

- **Downwell Temperature Monitoring:** *DRAFT_20YY-QX_QMDR_DownwellTemp.csv*
  - For reporting downwell temperature monitoring records, when required in response to operating conditions that trigger downwell monitoring.

Gas Collection and Control System (GCCS) Downtime

Records of gas control system downtime events exceeding one hour, including the date, time, and duration of each event.

- **GCCS Downtime:** *DRAFT_20YY-QX_QMDR_GCCS-Downtime.csv*

QMDR Draft Template Example – SEM Data

20YY-QX_LANDFILL-NAME_QMDR_SEM.csv

	A	B	C	D	E	F	G
1	Site Name	Location Latitude (DD.ddddd)	Location Longitude (-DDD.ddddd)	Monitoring Date (mm/dd/yyyy)	Monitoring Time (hh:mm:ss)	Methane Concentration (ppmv)	Comment (Optional)
2							
3							
4							
5							
6							
7							
8							
9							
10							

Event-Based Reports and Notifications

Report Name	Regulation Section
Remotely Detected Emission Plume response	95470(b)(7)
Temporary Component Shutdown notification	95464(e)(2)
Third SEM Exceedance notification	95469(a)(1)(B)3. & (2)(B)3.
24-Hour High Temperature report	95469(e)(4)(F)
Root Cause & Corrective Action Plan for Pressure and Temperature Exceedances	95469(e)(1)(C) & (e)(4)(D)
Higher operating value requests to other agencies	95470(b)(8)
Landfill Closure notification *	95470(b)(1)
Equipment Removal report *	95470(b)(2)

** Required under 2010 LMR*

Next Steps

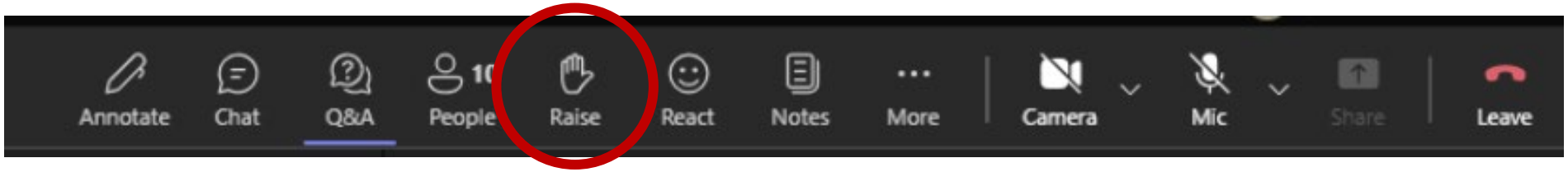
Next Steps

- **Update reporting process**
  - Develop additional standardized reporting templates and other tools to support efficient reporting (e.g., standard forms for annual reports)
  - To be available on the LMR Reporting webpage
  - Provide feedback on QMDR templates by Dec 7: Docket
- **Issue guidance documents**
  - Examples: Implementation Guidance; Reporting Templates User Guide
  - To be available on the LMR Resources webpage
- **Recording of today's session (these slides are posted)**
  - To be available on the LMR Meetings & Workshops webpage

Recordkeeping, Reporting, and Other Q&A

Please raise your hand to ask a question about recordkeeping, reporting, or other topics.

The “raise hand” feature is located on the toolbar at the top of the screen.





Thank You!

Contact us: LMR@arb.ca.gov

Subscribe for future updates: Landfill Methane Reporting

Rulemaking documents: 2025 LMR Rulemaking Webpage

Clean amended regulation text: LMR Effective January 1, 2027