# San Diego Water Board Update 2016 SAM Fall Forum

**Susan Pease**
**Environmental Scientist**

California **Water Boards**
STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS

# News You Can Use

- Who's who
- SB445 funding
- Low-Threat Closure Policy
- Inert soil waiver

- Vapor intrusion
- Social responsibility
- Climate change
- GeoTracker updates

**California Water Boards**
STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS

# The Usual Suspects (Who's Who)

Groundwater Protection Branch
Chief: Julie Chan

| Northern Cleanup (DOD) | Central Cleanup (USTs) | Southern Cleanup (SCP) | Land Discharge (Landfills, WDRs) |
|---|---|---|---|
| Supervisor: Kelly Dorsey | Supervisor: Craig Carlisle | Supervisor: John Anderson | Supervisor: John Odermatt |
| Sue Pease | Charles Cheng | Brian McDaniel | Amy Grove |
| Beatrice Griffey | Sean McClain | Tom Alo | Fisayo Osibodu |
| Sophie diCampalto | Lalitha Thotakura | Sarah Mearon | Roger Mitchell |
| Chehreh Komeylyan | | Wayne Chiu | Alexander Cali |

**http://www.waterboards.ca.gov/sandiego/**

CALIFORNIA
Water Boards
STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS

# SB445 Funding

- Pre-apps accepted/reviewed continuously
- First round of funding imminent

| Eligible Projects | Priorities |
|---|---|
| Require remediation of surface or GW contam. | Disadvantaged or small community impacted |
| Agency directive in place (unless infeasible) | Significant threat to HH or environment |
| RP with limited financial resources | Lack of alternate funding |
| Human-made contaminants | Cost and environ. benefits |

# Low-Threat Closure Policy

## DOs

- Use the current LTCP checklist!
- Use default parameters for soil-vapor modeling
- Upload all docs/letters to GeoTracker
- Include RPs in correspondence
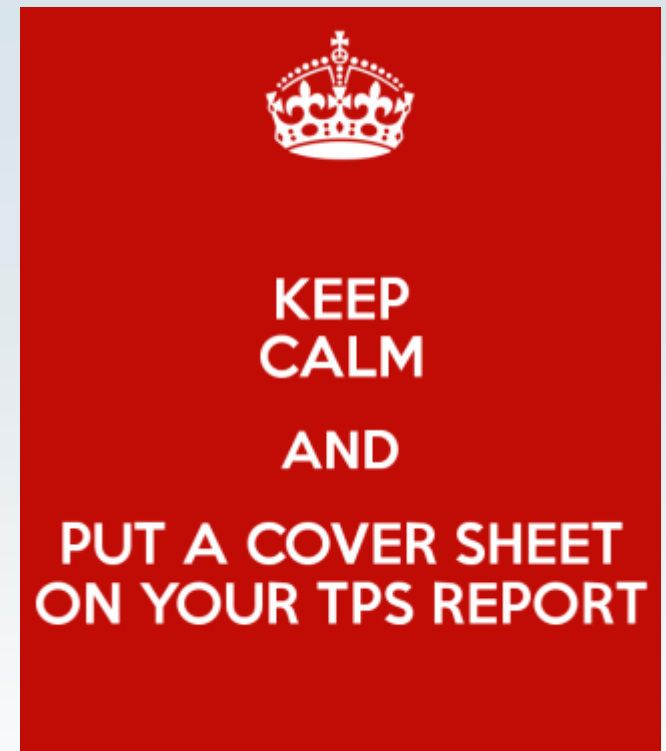- RP due diligence: Discuss case options for funding eligibility with Cleanup Fund

## DON'Ts

- Submit work plans for DEH-transferred cases prior to discussing with the PM
- Ignore deadlines
- Make assumptions: Interpretation of the policy can be challenging, so discuss with the PM (e.g., "reasonable time frame," "to the extent practicable")

# Low-Threat Closure Policy

Project Execution Plan (PEP)

- All projects funded by Cleanup Fund

- Plan for site closure

- Advantages:
  - ⬇ Project costs
  - ⬇ Unnecessary tasks
  - ⬇ Project completion time
  - ⬇ Time to assign budget

# Inert Soil Waiver

- Order No. R9-2014-0041: Conditional Waiver of Waste Discharge Requirements for Low Threat Discharges in the San Diego Region

- Waiver #10: Reuse or Stockpiling of soil from contaminated sites

- Reused soils must meet Tier 1 or Tier 2 Thresholds
  - Tier 1 – Unrestricted use in the San Diego Region
  - Tier 2 – Limited to Industrial and Commercial Sites in the Region

- Stockpiled soil
  - Must apply within 30 days of creation
  - Must be removed within 6 months or 180 days

- Both require the submittal of a notice of intent

- Order is subject to review and renewal in June 2019
  - **Fisayo Osibodu**, Olufisayo.Osibodu@waterboards.ca.gov  (619) 521-8036
  - **John Odermatt**, John.Odermatt@waterboards.ca.gov (619) 521-5906

http://www.waterboards.ca.gov/sandiego/board_decisions/adopted_orders/2014/R9-2014-0041.pdf

# Vapor Intrusion

- EPA R9 Interim TCE Indoor Air Response Action Levels (2014)

| Exposure Scenario | Accelerated | Urgent |
|---|---|---|
| Residential | 2 µg/m$^3$ | 6 µg/m$^3$ |
| Comm./Ind. (8-hr) | 8 µg/m$^3$ | 24 µg/m$^3$ |

- Resources:
  - DTSC VI Guidance (2011)
  - DTSC Active SG Guidance (2015)
  - DTSC HERO HHRA Notes (various)
  - Region 2 ESLs update (2016)
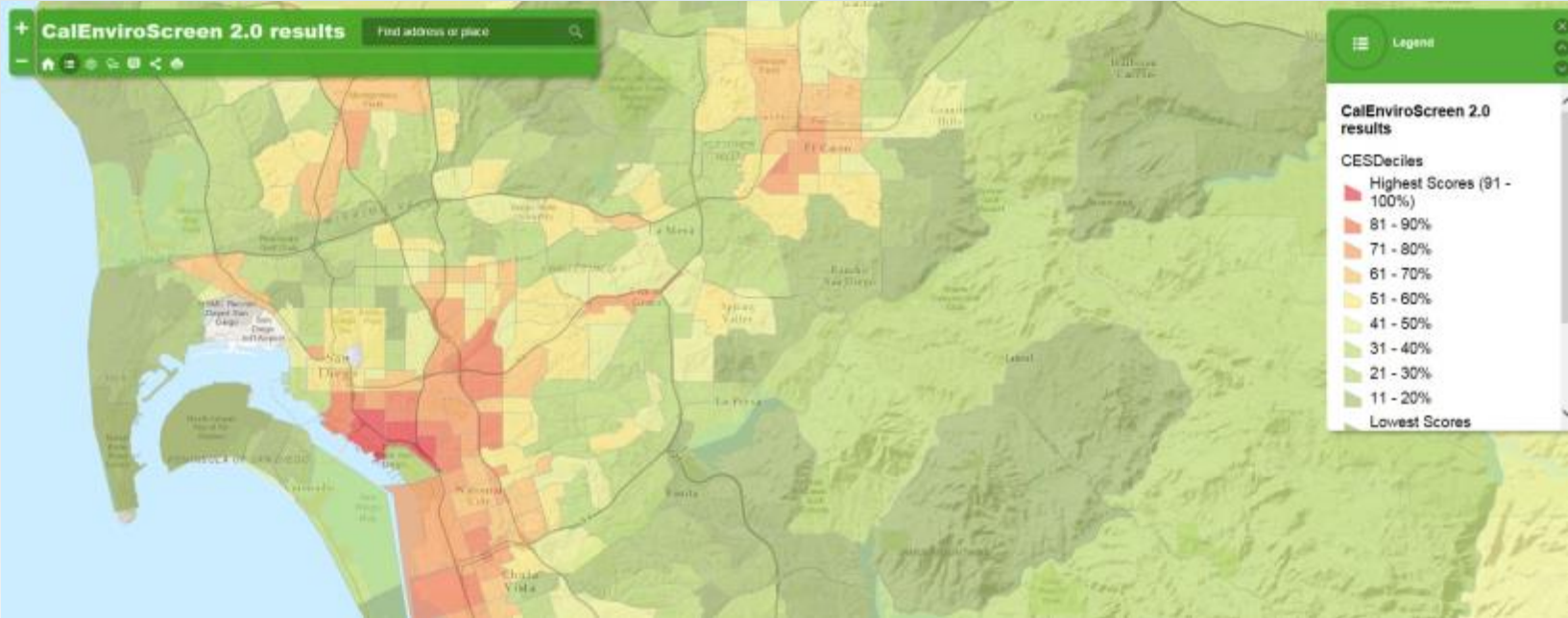
# Social Responsibility

- CalEnviroScreen developed by OEHHA
- Ranks communities based on:
  - Potential pollutant exposure
  - Adverse environmental conditions
  - Socioeconomic factors
  - Prevalence of certain health conditions
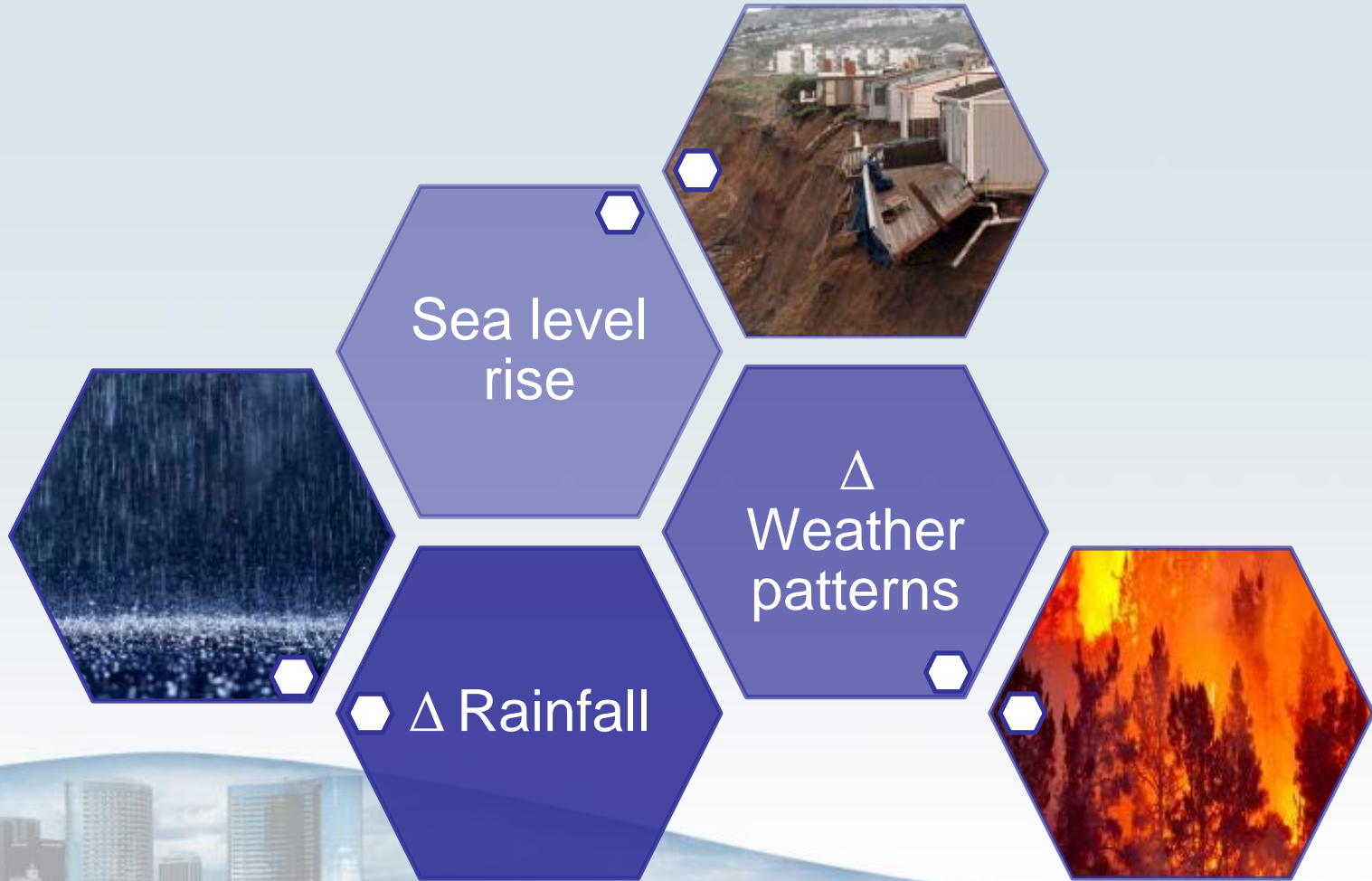- Used by Water Board to prioritize work

# Social Responsibility



**http://oehha.ca.gov/calenviroscreen**

# Climate Change



Sea level rise

Δ Weather patterns

Δ Rainfall

# Climate Change

State Water Board website:

# Climate Change

- EPA:  https://www.epa.gov/remedytech/green-remediation-incorporating-sustainable-environmental-practices-remediation


- State:  http://climatechange.ca.gov/


- SD Water Board: http://www.waterboards.ca.gov/sandiego/water_issues/programs/climatechange/principles.shtml

# GeoTracker Updates

- New menu bar

- Geotracker Map has been updated

- Agencies added

- Public page redesigned

- Project Search & Quick Search updated

- Several "Take a Tour" features

- Other program specific features



CALIFORNIA
**Water Boards**
STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS

# Questions?