OHHABS
ONE HEALTH Harmful Algal Bloom System

CDC's One Health Harmful Algal Bloom System (OHHABS) and
algal bloom reporting in CA

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CCHAB Network meeting
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Voluntary electronic reporting system launched June 2016

- Web-based, password-protected system

- Not a real-time notification or case investigation system

- Event-based, not for routine water monitoring

Available to state and territorial public health departments & their designated environmental health or animal health partners.

GOAL: collect data on freshwater/marine HABs and associated food- or waterborne health incidents

Reporting Forms

Static or dynamic formats

❑ HAB events (environmental data)

❑ HAB-associated human cases of illness

❑ HAB-associated animal cases of illness

How is HAB data entered?

NORS framework

- OHHABS - modeled on National Outbreak Response System (NORS) – infectious disease surveillance system

- OHHABS structure must mirror NORS for each state

  California: single reporting agency (CDPH ⟶ NORS)

  – staff receive reports generated by local health departments

  – staff review reports for accuracy/minimum information (QA/QC)

  – upload reports to NORS database

OHHABS guidance

- Getting Started and Technical Features

- Guidance for completing each report form

- Foodborne Illness Guidance

- Algae, Algal Toxins and Other Pathogens List

- Case Definitions
  - Incident
  - Human case
  - Animal case

How might CA HAB data be entered?

One possible CA structure

- OHHABS report forms completed by
    - Citizens, water body managers
    - Veterinarians
    - Local public health or environmental management staff
- State agencies may share OHHABS database read or write permission
    - State Water Boards - environmental
    - CDPH – human illness/death
    - CDFA – animal illness/death

How is HAB data retrieved from OHHABS?

Access only by those given "read" permission

- Determined by each state (CA has 3 for NORS, 0 for OHHABS)

- Can only view reports within individual's jurisdiction (e.g., state or individual state agency)

CDC will develop annual data reports in future

Discussion

Possibilities for voluntary reporting of HAB events and illnesses in California:

OHHABS or [SWAMP reporting system](#)?

	OHHABS	SWAMP
availability	decisions needed	online now
accessibility	complex/limited	easy through portal
report form	lengthy	simple, easy to use
data retrieval	permission based/ limited	request based
data comparability	nationwide	California

For more OHHABS information:
www.cdc.gov/habs/ohhabs.html

Updated CDC cyanoHABs website:
www.cdc.gov/habs/

Lifewithdogs.tv