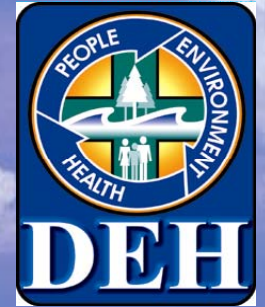




San Diego County CUPA
Department of Environmental Health



Environmental Protection Indicators for California (EPIC)

Presented by

Gary Erbeck, Director

at the 52nd Annual CCDEH Conference





Environmental Protection Indicators for California (EPIC)



A Pilot Project of the
San Diego County CUPA
Department of Environmental Health
Hazardous Materials Division



*“Measuring Unified Program Compliance
through Education and Outreach”*



THE Cal/EPA EPIC PROJECT

Environmental Protection Indicators for California

**Assembly Bill 1360 and Cal/EPA's
Strategic Vision of July 2000 required
the Office of Environmental Health
Hazard Assessment to:**

***“Develop and Maintain a System of
Environmental Indicators”***

UNIFIED PROGRAM EPIC Pilot Project

*“Measuring Unified Program Compliance
Through Education”*

San Diego County CUPA (DEH)

- Hazardous Waste Generator Program
- Hazardous Materials Business Plan Program
- Medical Waste Management Program

STRATEGY

- Focus on a narrow set of indicators (selected violations) in an industry sector
- Establish a baseline
- Measure the impact of education and process improvements on compliance

GOAL & OBJECTIVES

- **Goal:** Improve compliance in the Unified Programs through education and outreach

- **Objectives:**
 - (1) Demonstrate that education and outreach can be effective tools in obtaining compliance from the regulated community; **and**
 - (2) Establish a risk-based inspection process that can be used to assist in directing resources to areas of high risk and non-compliance



Objective #1

PERFORMANCE MEASURES

- Reduce by 25% the top ten most common hazardous waste, hazardous materials and medical waste violations by July 1, 2006.
- Reduce by an additional 25% the top ten most common hazardous waste, hazardous materials and medical waste violations by July 1, 2007.

TOP 10 VIOLATIONS

Used for Educational Effort

Hazardous Waste Violations 1-5

1. Container missing label or not properly labeled.
2. Waste stored >90, >180, or >270 days.
3. No TSDF-signed manifest on site.
4. Waste containers not kept closed.
5. Failed to comply with satellite regulations.

Hazardous Materials Violations 6-7

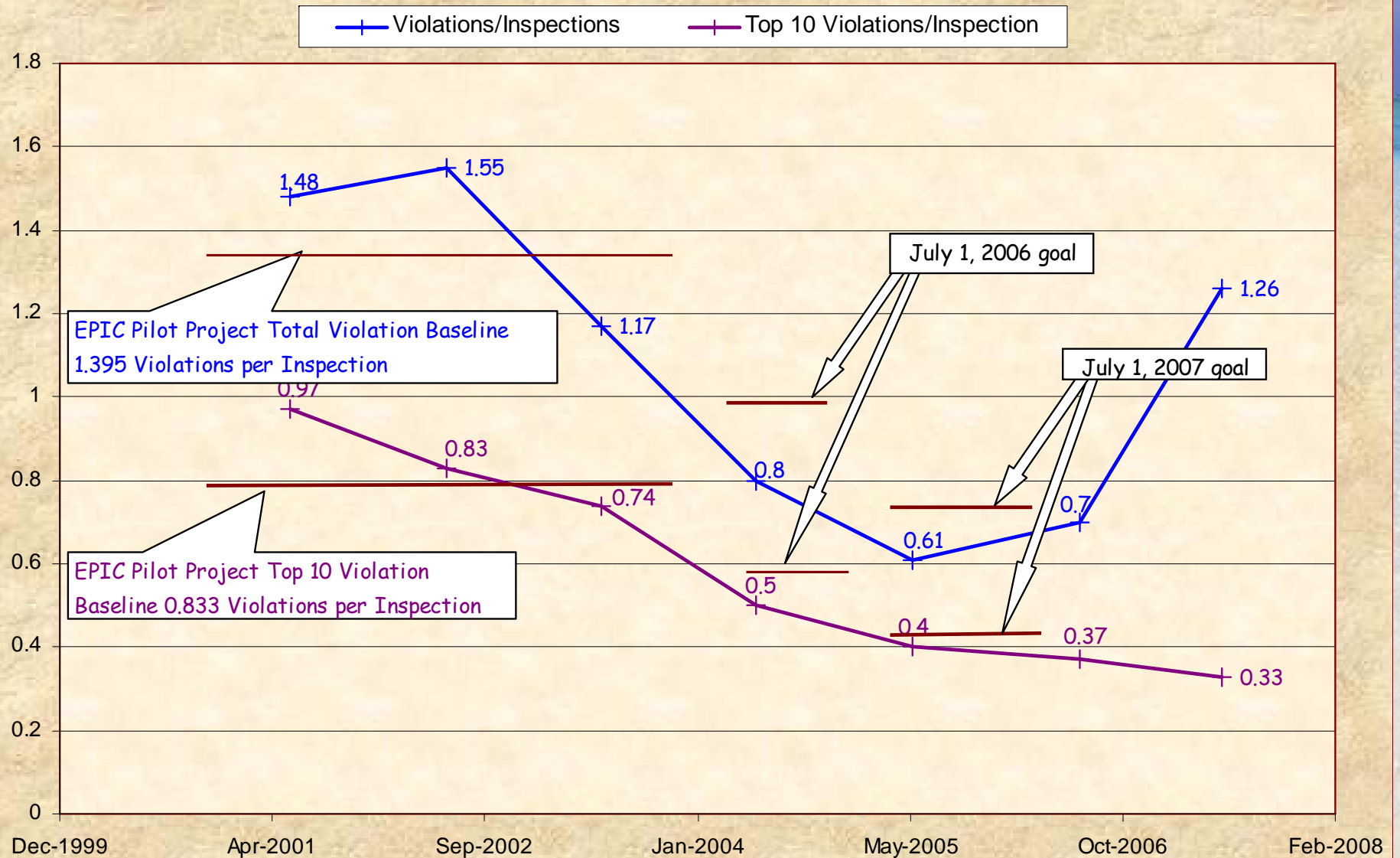
6. No annual carcinogen/reproductive toxin list submitted to HMD
7. Inadequate Site Map

Medical Waste Violations 8-10

8. No generator info on red bags/sharps containers
9. Red bags not containerized
10. Full sharps containers not tightly closed

Top 10 Violations Reduced by 60%

EPIC Pilot Project Violations per Inspection



PROGRESS REPORT

➤ Objective #1 - Achieved

Demonstrate that education and outreach can be effective tools in obtaining compliance.

➤ Objective #2 - In process

Establish a risk-based inspection process that can be used to assist in directing resources to areas of high risk and non-compliance. That is, spend more time with the businesses that have the most violations.

LOW RISK

-Performance Standards-

Must meet both:

1. **Training: Must attend annual training**
2. **Inspection Performance during last inspection:**
 - **No Significant violations, and**
 - **Two or fewer Class II or Minor violations**

- **New businesses must have had at least two inspections to qualify for the program.**
- **New facilities are eligible after the initial inspection if the parent business achieved performance standards.**

INCENTIVES

- Reduce inspection frequency for R&D Laboratories and Biotechnology businesses from 18 to 36 months for FY 07-08.
- Reduce the permit base fee, waste and materials fees by 25%.

Failure to maintain performance standards triggers return to an 18-month inspection interval and standard fee schedule.

UST & Medical Waste large quantity generators retain 12-month statutory inspection interval. These fees will not be reduced.



Objective #2

RISK-BASED INSPECTIONS

- Board of Supervisors and Industry supported local fee ordinance changes
- Developed an *Application to Participate* and approve/reject applicant procedures
- Structured database to accommodate alternate inspection interval and fee reduction

The Future

- Web-based interactive training is in development to facilitate annual training.
- Plan to export the approach and methodology to other business sectors

CONTACT INFORMATION

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