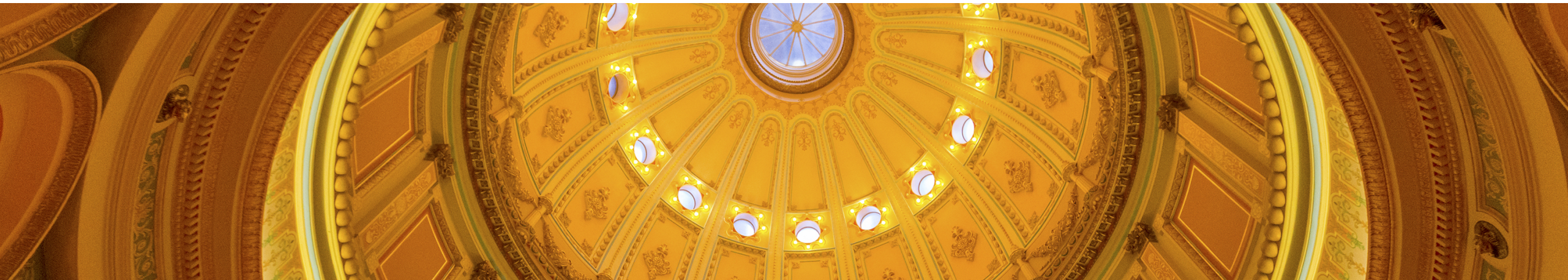




Proposed Metrics for the Hazardous Waste Management Program

Board of Environmental Safety
Metrics Subcommittee
November 2025



Agenda

- Metrics Introduction
- Proposed Metrics: Permitting, EERD and OCI Metrics
- Subcommittee's Planned Activities

BES HWMP Metrics Subcommittee



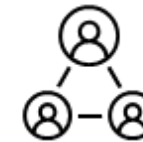
Team

- **Sushma Bhatia**,
Board Member
- **Ingrid Brostrom**,
Board Member
- **Swati Sharma**,
Executive Officer
- **Linda Ocampo**,
Sr. Board Staff
Engineer



SB158 Mandate

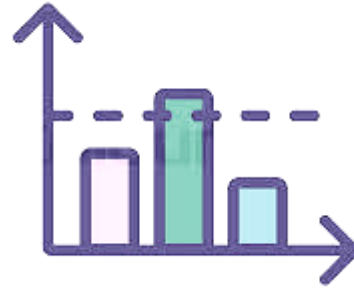
- BES sets metrics for the department and each of its programs
- Subcommittee presents recommendations to full board



Approach

- Collaboration with HWMP leadership (Permitting/EERD/OCI)
- External public engagement

What Are Metrics?



Metrics are tools that help us measure performance and progress toward goals

- They turn activities into numbers we can track over time
- Numerical information helps identify strengths, gaps, and opportunities for improvement
- BES sets metrics for DTSC and each of its programs through a public process

How Metrics Will Be Used



- Provide performance updates via website and at board meetings
- Inform the Director's annual progress update to the BES
- Inform annual performance updates to the legislature
- Provide a foundation for long term goal evaluation

Hazardous Waste Management Program (HWMP)

- **Permitting**

- Permitting of hazardous waste management facilities

- **Enforcement and Emergency Response Division (EERD)**

- Inspections and enforcement
- Emergency response

- **Office of Criminal Investigations (OCI)**

- Investigations of criminal violations of HWCL

- **Policy & Program Support Branch**

- Provide regulatory assistance
- Hazardous Waste Management Plan

Six Metrics

- Continued Permits
- On-Time Permit Decisions
- Timely Application Reviews
- Supplemental Environmental Projects
- Compliance Rates for Violations Issued
- Inspection Tracking

HWMP Metrics - Permitting

- Continued Permits
- On-Time Permit Decisions
- Timely Application Reviews

Metric 1: Continued Permits

What it tracks: Progress in reducing permits continued for more than 1 year.

Reported as: Number of permit renewal decisions made 1 year after end-of-permit term; Data reported on ongoing basis;

Why it matters:

- Continuation of a permit delays enforcement of updated environmental and public health protections
- Information allows for progress monitoring of decision pending for permits continued over 5 years (backlog)
- Information allows for monitoring of when permits are continued beyond 1 year

Metric 2: On-Time Permit Decisions

What it tracks: Permit decisions issued within the statutory timeline.

Reported as: Percentage of final permit decisions made within 1 year of permit term expiration

Why it matters:

- SB158 (2021) statute established decision timelines to ensure that permit holders operate on up- to-date permits.
- Informs on the performance of Permitting's permit renewal process against the statutory requirements.
- Provides public awareness on permit decisions that become overdue.

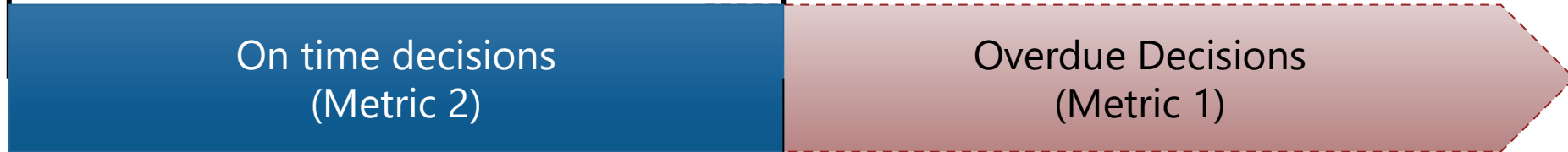
Permit Decision Timeline (HSC 25200)

**Permit Fixed Permit Term
Ends**

Final Decision Due

Year 0

Year 1



Permit decisions made 0-1 years:

- Allowed by statute
- BES will monitor decisions made past fixed permit term

Permit decisions made +1 years:

- Permitting submits report and proposed decision schedule to BES
- BES accepts or modifies proposed permit decision schedule

Metric 3: Timely Permit Application Reviews

What it tracks: Efficiency in the permit application review process.

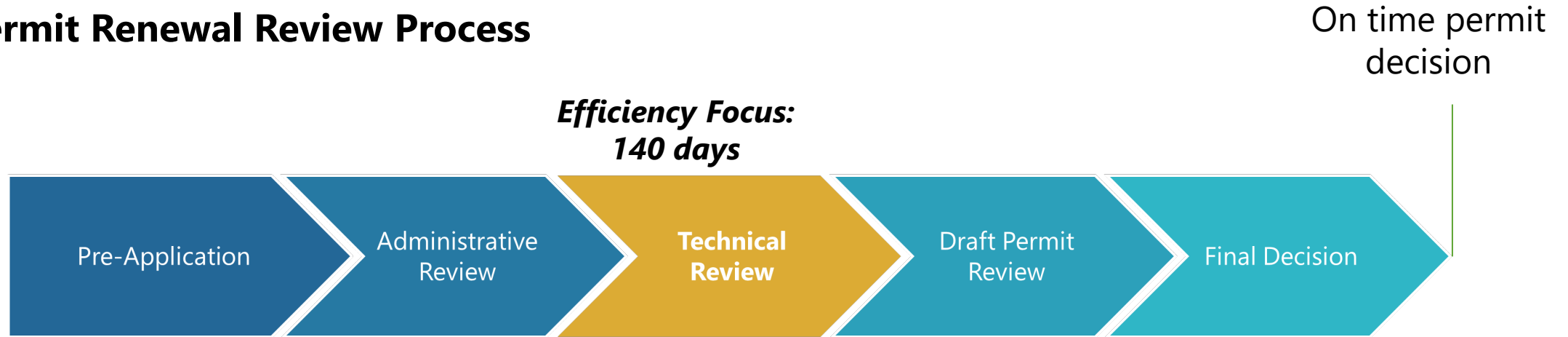
Reported as: Number of initial technical reviews completed within 140 days, compared to total technical reviews completed per fiscal year.

Why it matters:

- Technical reviews are completed prior to draft and final permit decision and have historically lead to delays.
- Technical reviews completed within 140 days are likely to lead to timely permit decisions.
- Information may identify permits at risk of becoming continued, since it highlights early delays in the process.

Metric 3: Timely Permit Application Reviews

Permit Renewal Review Process



- Technical reviews completed within 140 days = on time permit decision
- Technical reviews completed in 140+ days = potential delays in permit decision
- Metric 3 captures number of technical review completed within 140 days

HWMP Metrics – Enforcement and Emergency Response (EERD) and Office of Criminal Investigations (OCI)

- Supplemental Environmental Projects
- Compliance Rates for Violations Issued
- Inspection Tracking

Metric 4: Supplemental Environmental Projects (SEPs)

What it tracks: Number of SEP applications and trend in the use of SEPs over time.

Reported as:

1. Number of settled cases eligible for SEPs.
2. Number and total dollar amount of SEPs funded as part of the resolution.
3. Number of applications received and evaluated for SEP eligibility.

Metric 4: Supplemental Environmental Projects (SEPs)

Why it matters:

- SEPs fund tangible community benefit projects in vulnerable communities.
- Information will tell us -
 - If facility owners are funding SEPs when available; and
 - If community outreach is needed to increase the number of SEP applications

DTSC's SEP webpage - <https://dtsc.ca.gov/supplemental-environmental-projects/>

Metric 5: Compliance Rates for Violations Issued

What it tracks: Return-to-compliance rate by

- Violation type (Class 1, Class 2, and minor)
- Facility type (permitted vs non-permitted)
- Surrounding community (vulnerable vs non-vulnerable)

Return-to-Compliance rate is the number of violations corrected compared to total violations issued.

Reported as:

1. Baseline number of violations at start of period
2. Quarterly percent of return to compliance
3. Year to year analysis of return to compliance

Metric 5: Compliance Rates for Violations Issued

Why it matters:

- Return-to-compliance rates will measure how effectively inspections lead to improved compliance
- Return-to-compliance data from vulnerable communities will help identify potential disparities in enforcement efforts
- Information will support long term goals for implementation of enforcement activities

Metric 6: Inspections Tracking

What it tracks: Whether inspections are conducted as required by the Resource Conservation and Recovery Act (RCRA) grant through the USEPA Compliance Monitoring Strategy.

Reported as: Percent of permitted facility inspections completed per fiscal year.

Why it matters:

- Facility inspections are the primary tool for monitoring compliance
- DTSC is required to conduct inspections at a frequency defined in USEPA's RCRA grant program.
- Data will inform whether DTSC is conducting the required inspections.

Subcommittee's Agenda

- Set goals for HWMP metrics – Early 2026
- Progress and complete metric setting process for Safer Consumer Products - Mid 2026
- Begin Site Mitigation and Restoration Program metric setting process – Mid 2026
- Evaluation of metrics reported by HWMP - Ongoing

Closing

Subcommittee recommends approving the set of performance metrics for HWMP's Permitting and Enforcement

Strategic Outcome:

- Drive transparency
- Increase accountability
- Foster continuous improvement

Up Next

- Subcommittee Remarks
- Board Discussion
- Public Comments
- Board's Vote