

Compliance with SB 14

Pollution Prevention and
Hazardous Waste Source
Reduction and Management
Review Act (SB 14)



SB1018-SB14 Amendment as of June 2012



Main Changes

- Source Reduction----Pollution Prevention
- 24244.13.1 (a)** The department's duties to implement article are contingent upon and limited to availability of funding
- (b)** Generators still required to prepare documents
- 25244.17.1 (d)** P2 advisory committee meets only when convened by the department
- Generators-----Businesses
- 25244.17.1 (a)** May (instead of shall) identify businesses by SIC or NAICS code (no longer every two years)



SB1018-SB14 Amendment as of June 2012



Main Changes (cont'd)

- 25244.17.1** May implement a cooperative P2 technical assistance
- 25244.17.2** may provide P2 training and resources to CUPAs, small businesses....
- 25244.18** no assessment reports (formerly every 2 years)
- 25244.19(iv)(10)** SPR no longer submitted
- 25244.22** Summary analysis of readily available data to the public from DTSC internet site manifests, biennial reports and USEPA TRI.



Today's Agenda

- Goals of SB 14
- Are you subject to SB 14?
- The Plan
- The Performance Report
- The Summary Progress Report

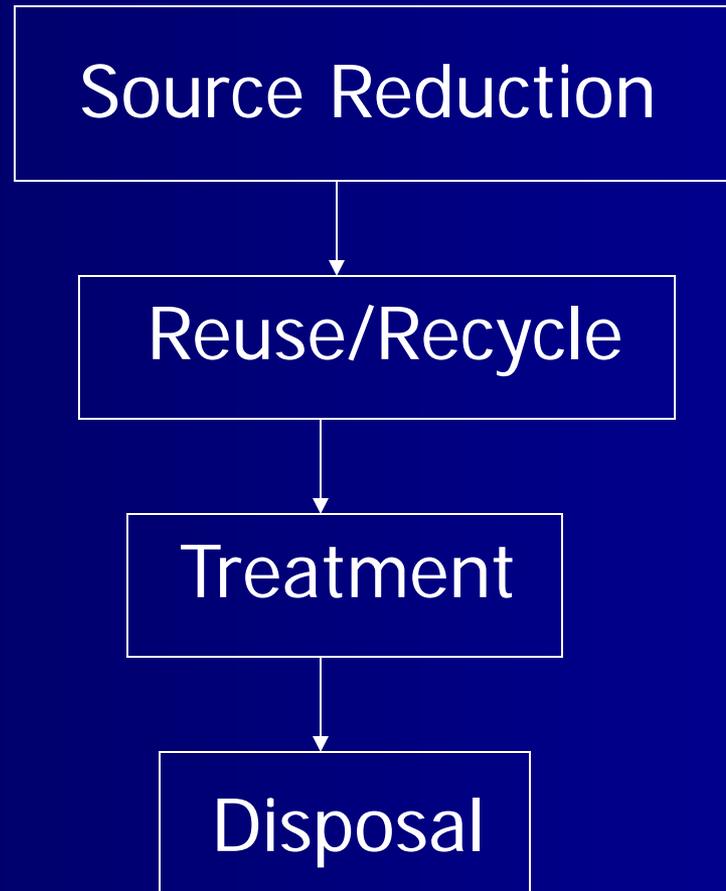
Goals of SB 14:

- Reduce the generation of hazardous waste at its source,
- Reduce the release to the environment of chemicals that have adverse and serious health or environmental effects, and
- Document hazardous waste information and make it available.

What is source reduction?

- Source Reduction = Pollution Prevention
The act of preventing waste at its source...before generation.
- Source reduction is not:
 - Recycling
 - Treatment
 - Transfer to another environmental medium
 - Concentration or dilution

Waste Management Hierarchy



Source reduction and SB 14

- SB 14 requires generators to look at their waste-generating processes and identify source reduction opportunities.
- It encourages businesses to look for ways to make continual improvements
- Successful source reduction = cost savings
- Good for business
- Good for the environment

Generator Requirements

- All generators subject to SB 14 in **current reporting year** must prepare a Plan, Performance Report and SPR by **September 1 of the year following the reporting year.**
- Plan, Performance Report and SPR must be kept on site and made available upon request by an agency or the public.
- DTSC may ask a generator to submit their SB 14 documents.

Compliance with SB 14 means:

1. Completion of a Source Reduction Evaluation Review and Plan (Plan)
2. Completion of a Hazardous Waste Management Performance Report (Performance Report)
3. Completion of a Summary Progress Report (SPR)

Alternative reporting options for small businesses

Confidentiality

- Generator may claim some information as trade secret or confidential.
- Generator must mark "confidential" on each page containing confidential information.
- Agency inspectors can review this info.
- When agency requests SB 14 document containing confidential information, generator must submit two versions of document:
 - One containing confidential information properly marked.
 - The other without the confidential information that indicates which pages have been removed.

Resources

- DTSC's SB 14 Guidance Documents
 - http://www.dtsc.ca.gov/PollutionPrevention/SB14/Reporting_Requirements.cfm
- P2 Resource Exchange – Topic Hubs
www.p2rx.org

More Resources

- DTSC Regulatory Assistant Officers
 - (North Cal)
 - (Chatsworth)
 - Gloria Conti (714) 484-5400 (Cypress)
- DTSC manifest, EPA id #s questions
 - Call 1-800-618-6942

Are you subject to SB 14?



SB 14 is a Site-Specific Requirement

- "Site" means the location of an operation that generates hazardous waste.
- If two operations are contiguous and owned by the same person (i.e., generator) the operations are considered one "site."
- If two locations owned by the same person are not touching, they are two sites.

See Section 25205.1(h) of the California Health and Safety Code for definition of "site."

SB 14 Applicability Thresholds

- SB 14 applies to generators who *routinely generate* >12,000 kg haz waste or >12 kg extremely hazardous waste during a *current reporting year* 12,000 kg = 26,400 lbs
 - = 13.2 tons
 - = 3,165 gallons12 kg = 26.4 lbs = 3.2 gallons

See Chapter 2 of your Guidance Manual

Reporting Year

- SB 14 requires reporting on a 4-year cycle
- Hazardous waste generation data from **calendar year _____** (the current reporting year) is used to determine SB14 applicability.
- Use current reporting year data as the basis for the source reduction evaluation.
- Data from the reporting year is the basis for your SB 14 documents due on or before September 1, (year following current reporting year)

Determine applicability for current Reporting Year

- Conduct inventory of RCRA and non-RCRA wastes stored on site
 - Review hazardous waste manifest records
 - Review shipping records and weight tickets
 - Inspect storage areas
- List all hazardous wastes generated in current reporting year including CWC and total weight or volume
 - Include any liquid or solid hazardous wastes that are treated on site
 - Include wastes that are recycled, treated or disposed off site

Quantify all wastes prior to treatment or recycling

Example

Hazardous Waste	CWC	Amount Generated – current reporting year
Rinse water	132	85,600 gallons
Plating bath	792	1,000 gallons
Filter cake	171	890 pounds
Paint waste	331	10,000 pounds
Solvent	214	1,500 pounds
Waste oil	221	500 pounds
Drums/containers	513	5,400 pounds
Asbestos waste	151	200 pounds
Contaminated Rags	551	500 pounds

SB 14 applies only to **routinely generated waste streams**

- From ongoing processes and operations
- From regularly scheduled maintenance
- Includes hazardous wastes treated on site AND hazardous wastes recycled, treated or disposed off site.
- Focus on point of generation.

Cross non-routine wastes off your list.

SB-14 does not apply to exempted waste streams

- motor vehicle fluids
- household haz waste
- asbestos
- PCBs
- emergency response
- lab-scale research waste
- lead acid batteries
- site clean up
- medical waste
- spent ordinance
- demolition waste
- Universal waste

Complete list GM pg. 19 and 22 CCR 67100.2

***Cross exempted waste streams off your
list***

SB 14 does not apply to Universal Waste

- Universal wastes must be managed according to universal waste regulations – 22 CCR 66273
- Universal wastes include:
 - Batteries
 - Thermostats (mercury-containing)
 - Electric Lamps (fluorescent, high intensity discharge, neon, mercury vapor, high pressure sodium, and metal halide lamps)
 - Cathode ray tubes (TV screens and monitors)

Don't double count

- If you treat hazardous waste on site, then discharge this waste to the sewer, do not include treatment residuals (secondary wastes) on your list.
- Only count treatment residuals if:
 - they are derived from treatment of a nonhazardous waste stream

Excluded recyclable materials

- Some recyclable material are excluded from classification as a waste *provided* the conditions in Health and Safety Code Section 25143.2 are met.
- Such materials would not be included in your SB 14 total.
- Questions: Contact DTSC's Waste Classification Unit (916) 327-4499

Are you subject to SB 14?

- Exclude nonroutine, exempt, and secondary (residuals) wastes
- Convert remaining waste streams to common units (lbs, Kg, tons)
- Add remaining waste streams and compare total to SB14 threshold
 - 12,000 kg=26,400 lbs= 13.2 tons
- Subject to SB 14 if waste generated in 2010 exceeds the threshold.

Extremely Hazardous Wastes

- If you generate extremely hazardous wastes, prepare a separate list and compare the total to the 26.4 lb threshold.
- Defined in California Health & Safety Code Section 25115
- Also see California Code of Regulations, Title 22 Sections 66261.107 - .113

Off-site hazardous wastes

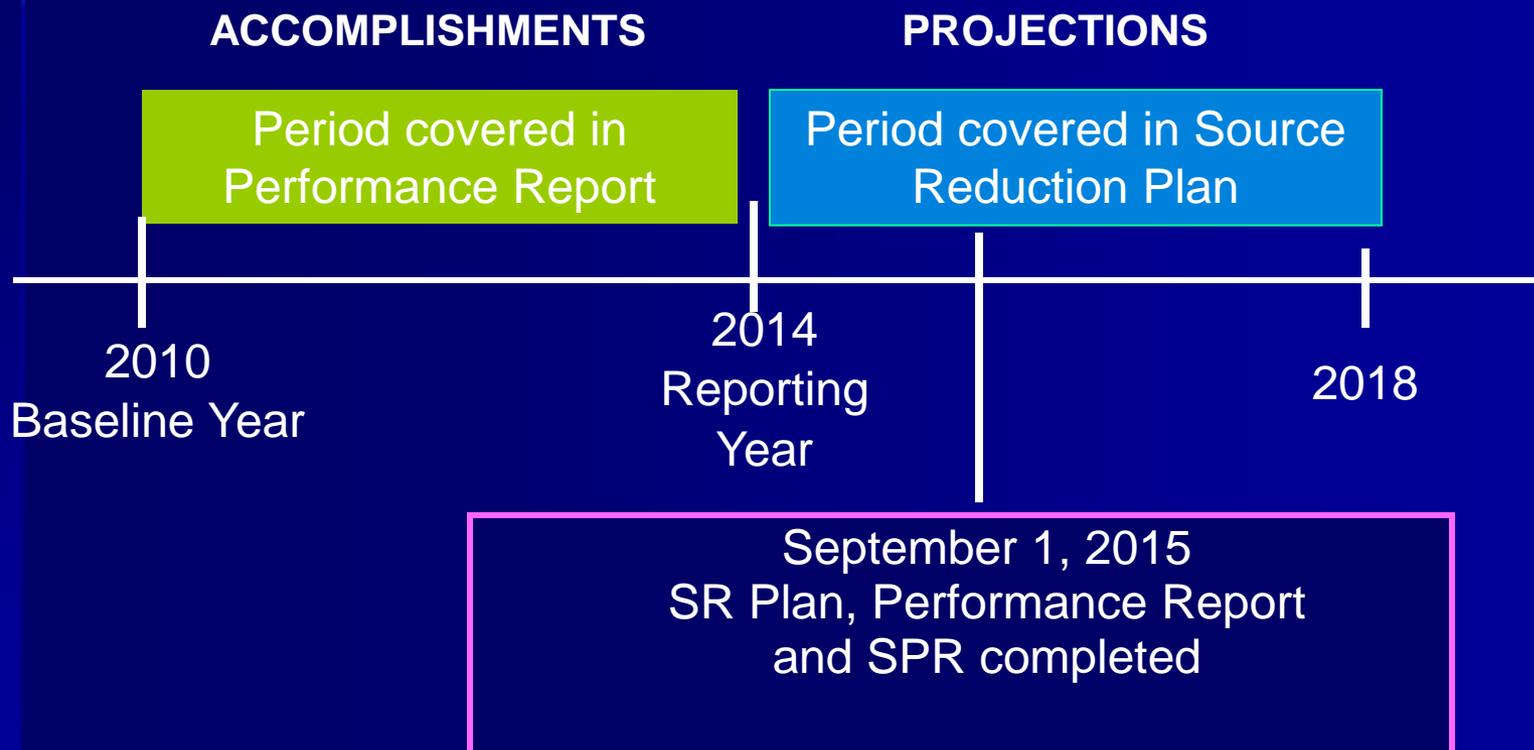
- Hazardous wastes or residuals derived from wastes brought from off-site sources are excluded from the definition of “generated waste” [HSC 25200.3(c)(8)] Example: oil/solvent recyclers
- Hazardous waste generated at a TSDF should be evaluated for SB14 applicability.

Compliance with SB 14 means...

1. Conduct source reduction evaluation
2. Complete a Source Reduction Evaluation Review and Plan (Plan)
 - Checklist alternative for small businesses
3. Complete a Hazardous Waste Management Performance Report (Performance Report)
 - USEPA biennial gen report for small businesses
4. Complete a Summary Progress Report (SPR)

2015 SB 14 Reporting Timeframes

Period covered in Summary Progress Report (SPR)



Note that after years represented on slide, the reporting happens every 4 years

Questions

- Does the generator own multiple sites with similar processes, operations, and waste streams?
 - All sites may be addressed in a multi-site Plan, Performance Report, and SPR
- Is generator new to SB 14 as of 2010?
 - Must still prepare all three SB 14 documents

What next?

- Subject to SB 14?
 - Initiate source reduction evaluation
- Not subject to SB 14?
 - Could still benefit from source reduction
 - Cost savings due to improved efficiency and decreased hazardous waste disposal
 - Improve worker health and safety
 - Improve compliance status
- Continuous improvement is good for business

Other Regulatory Requirements

- Generator certification for program in place (T22,CCR,66262.27)
- Large quantity RCRA generators- Biennial Report certification[T22, CCR, 6262.41(a)]
- Consolidated manifest users -Certification [HSC 25160.2(b)(4)(H)]

Other Regulatory Requirements

- Onsite treatment under Conditional authorization (CA)- Certification [HSC 25200.3(c)(2) &25202.9]
- Onsite treatment under Permit by Rule (PBR)-Certification [T22, CCR, 66262.45(c)]
- Transportable Treatment Units (TTUs) under PBR - Certification [T22, CCR 66262.45(a)]

Other Regulatory Requirements

- Standardized Permit – Certification [T22, CCR, 67800,1(a)(1) & 66264.73]
- Onsite/Off-site Full Permit (TSDF) - Certification[T22, CCR, 66264.73]

What if you are out of compliance?

- May issue a notice of noncompliance
- Generator must correct deficiencies and submit revised documents within 60 days of notice
- CUPA/DTSC may impose civil penalties up to \$1000/day for failure to submit within the required period

Questions?



- DTSC Regulatory Assistant Officers
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 - (Chatsworth)
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