**OEHHA Guideline Changes**

**Goal: Improve Protection of Children’s Health**

Major Changes:

* Age Sensitivity Factors
	+ Ages 0-2: 10X
	+ Ages 2-16: 3X
	+ Ages 16+: 1X
* Age-Specific Exposure Variable
	+ Age Groups

3rd trimester – birth birth < 2 years 2 < 9 years

2 < 16 years 16 < 30 years 16 < 70 years

* + Derived Approach for Multi-Pathway Pollutants
	+ 95/80 Breathing Rate Policy for Inhalation Only Pollutants
* Fraction of Time at Home
	+ Default: 0.73 – 1.0
	+ Refined: 0.73 – 0.85
* Exposure Duration
	+ Resident: Reduced from 70 years to 30 years
	+ Worker: Reduced from 40 years to 25 years
* Spatial Averaging of Exposure Concentrations
	+ Use a 400 m2 grid with 5 meter intervals

Impacts Compared to Current District Procedures:

* Residential Cancer Risk
	+ 40% Increase for Inhalation Only Pollutants
	+ 90% - 5X Increase for Multi-Pathway Pollutants
* Worker Cancer Risk
	+ Essentially No Change
* Non-Cancer Impacts
	+ New TAC: caprolactam
	+ REL Changes / 8-hour RELs

benzene, 1,3 butadiene, nickel, selenium

acetaldehyde, acrolein, arsenic, formaldehyde, manganese, mercury

(The following applies to residential cancer risk)



**District Implementation of OEHHA Guideline Changes**

* Revisions to Regulation 2, Rule 5: New Source Review of Toxic Air Contaminants (TACs)
	+ Proposed Revisions
		- Update District HRA Guidelines
		- Revise Trigger Levels
		- Add Exemption for Small Engines (< 50 bhp)
		- Revise Calculation Procedure for Certain Modified Sources
	+ Open Houses Held in February
	+ Board Hearing Scheduled for September 21, 2016
* New Policy or Rule for Existing Facilities
	+ Concept Stage
		- Apply to Sites with Cancer Risk > 10.0 in a million
		- Require TBACT for All Significant Sources
		- No Specific Risk Caps / Retain Current Thresholds
	+ Workshops in 2017