

# San Joaquin Valley APCD Air Toxic Hot Spots Reassessment Plan

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# AB 2588 Reassessments

- In 2015, the State Office of Environmental Health Hazard Assessment (OEHHA) revised its Risk Assessment Guidelines to provide enhanced protection of children and the public overall
- The District then updated its health risk assessment processes and policies to incorporate the health-protective changes
- District developed a facility health risk reassessment plan based on the original legislation's multi-year prescription



# District's Health Protective Approach

- Implemented all OEHHA changes that increase calculated risk
  - Provides maximum protection of children
- Did not implement those changes that were not as conservative as current District policy
  - Use 95% breathing rate for adults and children
  - Use 70-year residential exposure
  - Use 40-year worker exposure
  - No spatial averaging



# AB 2588 Reassessments

Reporting Level	Prioritization Score	Health Risk Assessment	
		Cancer Risk (in a million)	Non-Cancer Hazard Index
Low	$\leq 1$ No Further Action	$< 1$ No Further Action	$< 0.1$ No Further Action
Intermediate	$> 1$ and $\leq 10$ Update Summary	$\geq 1$ and $< 10$ Update Summary	$\geq 0.1$ and $\leq 1.0$ Update Summary
High	$> 10$ HRA	$\geq 10$ Public Notification	$> 1.0$ Public Notification
		$> 100$ Risk Reduction	$> 5.0$ Risk Reduction

# Implementation Plan

- District facility health risk reassessment plan based on the original legislation's multi-year prescription of actual/potential emissions (NO<sub>x</sub>, SO<sub>x</sub>, TOG, PM)

Phase 1	Emissions $\geq$ 25 tons
Phase 2	$10 \leq$ Emissions $<$ 25 tons
Phase 3	EIC&GR <i>App. E</i> facilities with emissions $<$ 10 tons, excluding industrywide
Phase 4	Industrywide, diesel only, and ag facilities

- Current intermediate level facilities will be reassessed on their quadrennial update year

# SJV Affected Facilities

Implementation Phases		Facility Count	Start Year
Phase 1	(E $\geq$ 25t)	315	2016
Phase 2	(10t $\leq$ E < 25t)	77	2017
Phase 3	(E < 10t)	3,552	2018
Phase 4	Update facilities	46	2019+
	Industrywide	2,641	
	Diesel Only	1,859	
	Ag Sources	5,983	

# SJV Public Notice

- Phase 1-3
  - Mail letters to affected residents and worksites
  - Conduct public meetings upon request
- Phase 4
  - Explore options to conduct public notice and meetings for industrywide groups rather than individual facilities



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