Air Toxics Hot Spots Program

Appendix K

Guidance Manual for Preparation of Health Risk Assessments



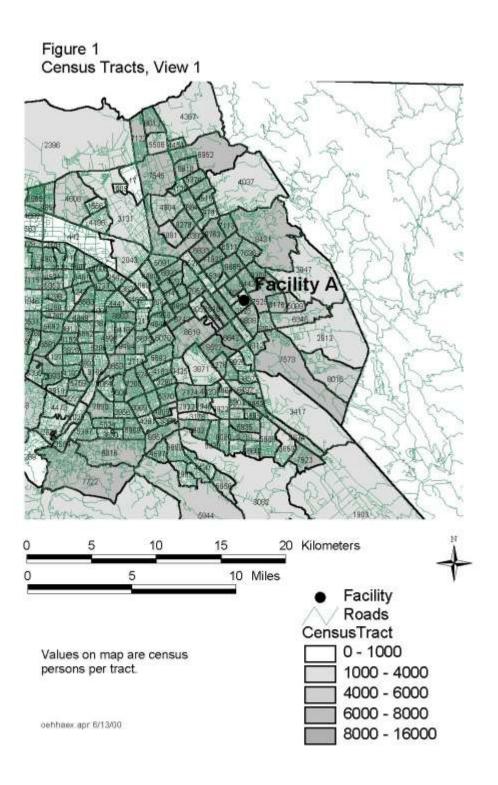
Air, Community, and Environmental Research Branch
Office of Environmental Health Hazard Assessment
California Environmental Protection Agency

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Appendix K:

HRA Forms and Maps Used With Air Dispersion Modeling

- Example of Census Tract Map
- Example of 7.5 minute Series Map
- Examples of Tables for Emissions Reporting



8443 7992 6297 3525 Facility 7525 10058 6838 0.5 1.5 2 Kilometers Facility 0.5 1 Miles Roads CensusTract Values in figure represent persons per tract. 0 - 1000 1000 - 4000 4000 - 6000 6000 - 8000 cehhaek apr 6/13/00 8000 - 16000

Figure 2 Census Tracts, View 2

Figure 4 USGS 7.5 Minute Topographic Map

oehhaex apr 6/13/00

EMISSION RATE BY SUBSTANCE AND SOURCE RAG-001

FACILITY NAME / FACILITY ADDRESS / SITE ID#:

SOURCE ID No.	SOURCE NAME	SUBSTANCE NAME	CAS No.	1-HOUR MAXIMUM (lb/hr)	1-HOUR MAXIMUM (g/s)	ANNUAL AVERAGE (lb/yr)	ANNUAL AVERAGE (g/s)

EMISSION RATE BY SUBSTANCE - TOTALS - RAG-002

FACILITY NAME / FACILITY ADDRESS / SITE ID#

SUBSTANCE NAME	CAS No.	1-HOUR MAXIMUM (lb/hr)	1-HOUR MAXIMUM (g/s)	ANNUAL AVERAGE (lb/yr)	ANNUAL AVERAGE (g/s)

SOURCE PARAMETERS - STACKS - RAG-003

FACILITY NAME / FACILITY ADDRESS / SITE ID#

SOURCE ID No.	STACK NAME	UTM Easting	UTM Northing	HEIGHT (m)	DIAMETE R (m)	TEMP. (F) (K)	FLOW RATE (ACFM)	EXIT VEL. (m/s)

SOURCE OPERATING HOURS - RAG-004

FACILITY NAME / FACILITY ADDRESS / SITE ID#

SOURCE	STACK	AVERAGE OPERATING HOURS		MAXIMUM OPERATING HOURS		
ID No.	NAME	(hr/day)	(days/year)	(hr/day)	(days/year)	