



HEALTH RISK ASSESSMENT SUMMARY FORM

(Required in Executive Summary of HRA)

Facility Name : University of California, Riverside
 Facility Address: 900 University Avenue
Riverside, California 92521
 Type of Business: University
 SCAQMD ID No.: 49387

A. Cancer Risk* *(One in a million means one chance in a million of getting cancer from being constantly exposed to a certain level of a chemical over 70 years)*

1. Inventory Reporting Year : 2013
2. Maximum Cancer Risk to Receptors :
 - a. Offsite _____ in a million Location: _____
 - b. Residence 5.2E-06 in a million Location: 471620.7E, 3759029.6N
 - c. Worker 4.7E-07 in a million Location: 469295.0E, 3759461.0N
3. Substances Accounting for 90% of Cancer Risk: Diesel Engine Exhaust Particulate
 Processes Accounting for 90% of Cancer Risk: Diesel Engine Exhaust Particulate
4. Estimated Population Exposed to Specific Risk Levels
 - a. 1 to <10 in a million 3700
 - b. 10 to <100 in a million 0
 - c. 100 to <1000 in a million 0
 - d. >=1000 in a million 0
 - e. Total >= 1 in a million 3700
5. Cancer Burden: 0.0082
 Cancer Burden = (cancer risk) x (no. of people exposed to specific cancer risk)
6. Maximum Distance to Edge of 1×10^{-6} Cancer Risk Isoleth (meters) 1230

B. Hazard Indices* *[Long Term Effects(chronic) and Short Term Effects (acute)]*
(non-carcinogenic impacts are estimated by comparing calculated concentration to identified reference exposure levels, and expressing this comparison in terms of a "Hazard Index")

1. Maximum Chronic Hazard Indices:
 - a. Residence HI: 0.014 Location: 470620.7E,3759029.6N toxicological endpoint: Respiratory
 - b. Worker HI : 0.004 Location: 470800E,3759500N toxicological endpoint: Respiratory
2. Substances Accounting for 90% of Chronic Hazard Index: Nickel, Diesel Engine Exhaust PM, Arsenic, Formaldehyde
3. Maximum Acute Hazard Index:

PMI: 0.55 Location: 456981E, 3756306E toxicological endpoint: Eye
4. Substances Accounting for 90% of Acute Hazard Index: Formaldehyde, Acrolein

*Provide Tables listing contribution of each substance to Maximum Cancer Risk, Acute HI, and Chronic HI.