

APPENDIX 8.6B

Health Risk Assessment Analysis

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ISCST3 and HARP Configuration Methodology

ISCST3 under HARP was set up in accordance with specifications described in Air Dispersion Modeling Protocol presented in Appendix 8.1C.

Per OEHHA guidelines HARP runs were executed to find the PMI for Acute, Chronic-Cancer, Chronic non-cancer effects. The following sections contain the HARP output and input for each case.

A.8.6.1 HARP Transaction File

(Included in attached CD as "AES.TRA")

A.8.6.2 HARP ISC, OUT, INP, SRC, XOQ, ERR and PLT FILE

(Included in attached CD as "AES.XXX")

A.8.6.3 HARP PMI Reports for Residents and Workers

(Included in attached CD as "REP_PMI_xxxxx.PMI")

A.8.6.4 HARP MEIR for Chronic Non-Cancer Effects (OEHHA DERIVED)

(Included in attached CD as
"Rep_Chr_Res_DerOEH_Rec20988_AllSrc_AllCh_ByRec_ByChem_Site")

A.8.6.5 HARP MEIR for Acute Health Effects

(Included in attached CD as
"Rep_Acu_Rec12639_AllSrc_AllCh_ByRec_ByChem_Site")

A.8.6.6 HARP MEIR for Cancer Health Effects (OEHHA DERIVED)

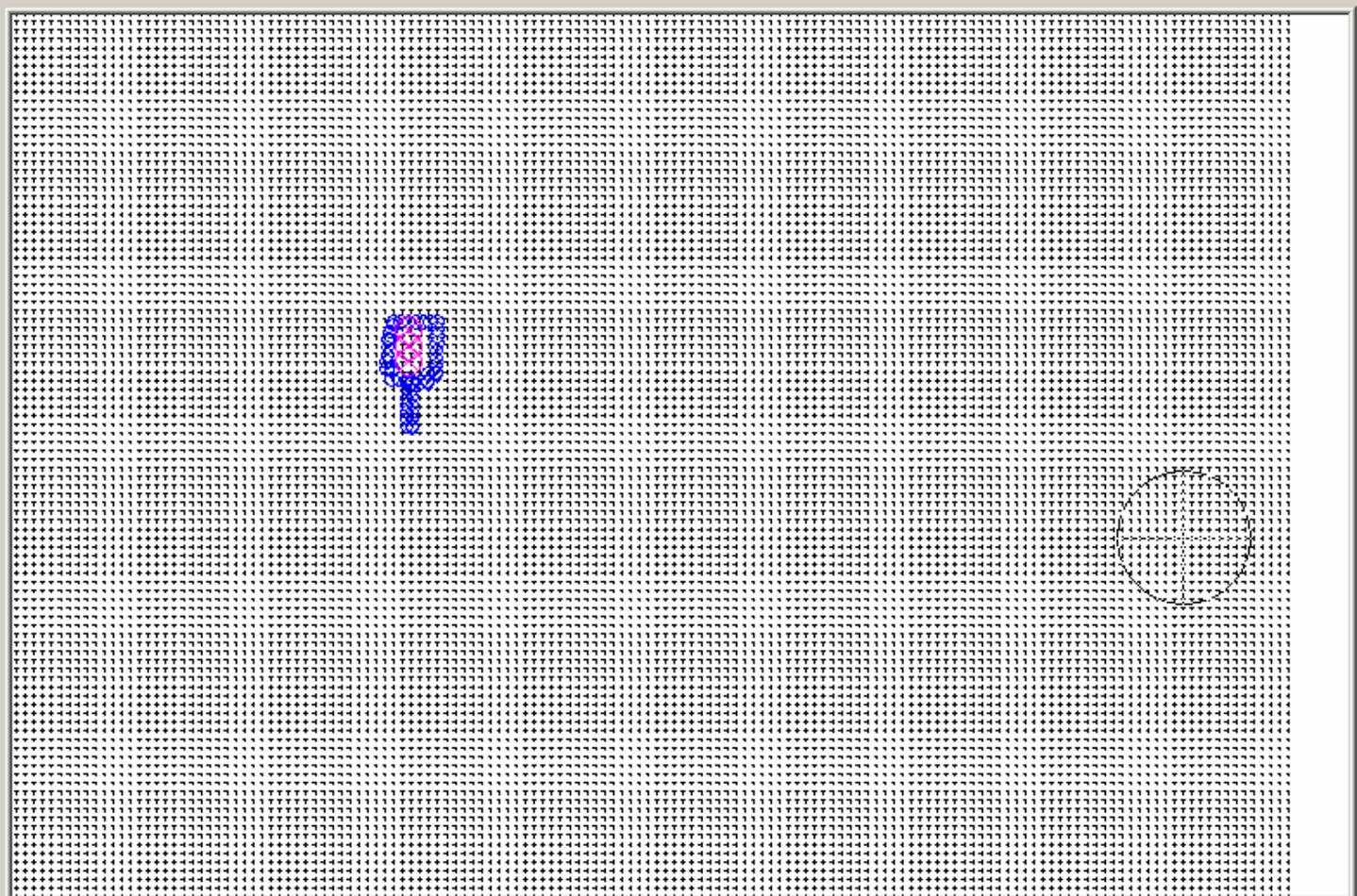
(Included in attached CD as
"Rep_Can_70yr_DerOEH_Rec21662_AllSrc_AllCh_ByRec_ByChem_Site.TXT")

A.8.6.7 HARP MEIR for Cancer (OEHHA DERIVED ADJUSTED)

(Included in attached CD as
"Rep_Can_70yr_DerAdj_Rec21662_AllSrc_AllCh_ByRec_ByChem_Site")

Harp Screen Capture for this file illustrating location of receptor 21662 for the MEIR:

Receptor	Type	Cancer Risk
20988	GRID	4.10E-07
20989	GRID	4.06E-07
21156	GRID	4.06E-07
21157	GRID	4.05E-07
21325	GRID	3.98E-07
20825	GRID	3.98E-07
20826	GRID	3.98E-07
20995	GRID	3.98E-07
20987	GRID	3.97E-07
20994	GRID	3.97E-07
21163	GRID	3.96E-07
21324	GRID	3.95E-07
21162	GRID	3.95E-07
20824	GRID	3.95E-07
20827	GRID	3.95E-07
20990	GRID	3.94E-07
20996	GRID	3.94E-07
20993	GRID	3.94E-07
20657	GRID	3.93E-07
20658	GRID	3.93E-07
20656	GRID	3.93E-07
21155	GRID	3.92E-07
21164	GRID	3.92E-07
20820	GRID	3.92E-07
20823	GRID	3.91E-07
21158	GRID	3.91E-07
21161	GRID	3.90E-07
20822	GRID	3.90E-07
21331	GRID	3.89E-07
20655	GRID	3.89E-07
20991	GRID	3.89E-07
20821	GRID	3.89E-07
20992	GRID	3.88E-07
20819	GRID	3.88E-07



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Risk

