

APPENDIX 8.6C

Health Risk Assessment/HARP Modeling

Appendix 8.6C Public Health Assessment/HARP Modeling

Public Health Assessment Methodology

ISCST3 and HARP configuration methodology

ISCST3 under HARP was set up in accordance with specifications described in Appendix 8.1 Ambient Air Quality Models and Meteorology sections.

Per OEHHA guidelines HARP runs were executed to find the PMI for both worker and residential receptors 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 "Vernon.TRA")

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

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

A.8.6.3 HARP PMI REPORT FOR WORKER EXPOSURE

(Included in attached CD as "Vernon_Rep_PMI")

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

(Included in attached CD as
"Rep_Chr_Res_DerOEH_Rec26088_AllSrc_AllCh_ByRec_ByChem_Site")

A.8.6.5 HARP MEIR for Acute Health Effects

(Included in attached CD as
"Rep_Acu_Rec516_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_Rec26068_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_Rec26068_AllSrc_AllCh_ByRec_ByChem_Site")

Harp Screen Capture for this file illustrating location of receptor 26068 for the MEIR:

