APPENDIX C

MODELING INPUT AND OUTPUT

C1 COOLING TOWER AND TURBINES ISC MODEL INPUT/OUTPUT (EXCERPTS)

```
*** ISCST3 - VERSION 02035 ***
*** Potrero Units 7 and 8 Includes Cooling Tower                          ***
*** Model Executed on 07/14/03 at 13:49:28 ***
 In     File - E:\Southern\Potrero\CT Amend\CT-PM24.DTA

Outp... File - E:\Southern\Potrero\CT Amend\CT-PM24.LST

   Met File - E:\Southern\Potrero\CT Amend\pot92.isc

      Number of sources -          16
Number of source groups -           3
    Number of receptors -        2267
```

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
NSTACK	0	0.13860E+01	554314.0	4178806.0	7.6	54.86	351.89	14.87	5.11	YES	
SSTACK	0	0.13860E+01	554314.0	4178762.0	7.6	54.86	351.89	14.87	5.11	YES	
CT1	0	0.22000E-01	554330.0	4178716.0	7.6	20.91	298.00	9.14	10.26	YES	
CT2	0	0.22000E-01	554344.0	4178716.0	7.6	20.91	298.00	9.14	10.26	YES	
CT3	0	0.22000E-01	554358.0	4178716.0	7.6	20.91	298.00	9.14	10.26	YES	
CT4	0	0.22000E-01	554372.0	4178716.0	7.6	20.91	298.00	9.14	10.26	YES	
CT5	0	0.22000E-01	554386.0	4178715.0	7.6	20.91	298.00	9.14	10.26	YES	
CT6	0	0.22000E-01	554400.0	4178715.0	7.6	20.91	298.00	9.14	10.26	YES	
CT7	0	0.22000E-01	554414.0	4178715.0	7.6	20.91	298.00	9.14	10.26	YES	
CT8	0	0.22000E-01	554428.0	4178715.0	7.6	20.91	298.00	9.14	10.26	YES	
CT9	0	0.22000E-01	554442.0	4178715.0	7.6	20.91	298.00	9.14	10.26	YES	
CT10	0	0.22000E-01	554456.0	4178714.0	7.6	20.91	298.00	9.14	10.26	YES	
CT11	0	0.22000E-01	554470.0	4178714.0	7.6	20.91	298.00	9.14	10.26	YES	
CT12	0	0.22000E-01	554484.0	4178714.0	7.6	20.91	298.00	9.14	10.26	YES	
CT13	0	0.22000E-01	554498.0	4178714.0	7.6	20.91	298.00	9.14	10.26	YES	
CT14	0	0.22000E-01	554512.0	4178714.0	7.6	20.91	298.00	9.14	10.26	YES	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	NSTACK , SSTACK , CT1 , CT2 , CT3 , CT4 , CT5 , CT6 , CT7 , CT8 , CT9 , CT10 , CT11 , CT12 , CT13 , CT14 ,
TURB	NSTACK , SSTACK ,
CT	CT1 , CT2 , CT3 , CT4 , CT5 , CT6 , CT7 , CT8 , CT9 , CT10 , CT11 , CT12 , CT13 , CT14 ,

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM24 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	4.96274	ON 92072024:	AT (554658.00, 4178742.00, 0.00, 0.00)	DC	NA
TURB	HIGH 1ST HIGH VALUE IS	2.90527	ON 92072024:	AT (554683.00, 4178792.00, 0.00, 0.00)	DC	NA
CT	HIGH 1ST HIGH VALUE IS	3.30406	ON 92072024:	AT (554599.00, 4178720.00, 0.60, 0.00)	DC	NA

```
*** ISCST3 - VERSION 02035 ***
*** Potrero Units 7 and 8 Includes Cooling Tower                          ***
*** Model Executed on 07/14/03 at 13:56:00 ***
 Input File - E:\Southern\Potrero\CT Amend\CT-PMANN.DTA

Output File - E:\Southern\Potrero\CT Amend\CT-PMANN.LST

  Met File - E:\Southern\Potrero\CT Amend\pot92.isc

     Number of sources -          16
Number of source groups -          3
    Number of receptors -       2267
```

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
NSTACK	0	0.12411E+01	554314.0	4178806.0	7.6	54.86	351.89	14.87	5.11	YES	
SSTACK	0	0.12411E+01	554314.0	4178762.0	7.6	54.86	351.89	14.87	5.11	YES	
CT1	0	0.19000E-01	554330.0	4178716.0	7.6	20.91	298.00	9.14	10.26	YES	
CT2	0	0.19000E-01	554344.0	4178716.0	7.6	20.91	298.00	9.14	10.26	YES	
CT3	0	0.19000E-01	554358.0	4178716.0	7.6	20.91	298.00	9.14	10.26	YES	
CT4	0	0.19000E-01	554372.0	4178716.0	7.6	20.91	298.00	9.14	10.26	YES	
CT5	0	0.19000E-01	554386.0	4178715.0	7.6	20.91	298.00	9.14	10.26	YES	
CT6	0	0.19000E-01	554400.0	4178715.0	7.6	20.91	298.00	9.14	10.26	YES	
CT7	0	0.19000E-01	554414.0	4178715.0	7.6	20.91	298.00	9.14	10.26	YES	
CT8	0	0.19000E-01	554428.0	4178715.0	7.6	20.91	298.00	9.14	10.26	YES	
CT9	0	0.19000E-01	554442.0	4178715.0	7.6	20.91	298.00	9.14	10.26	YES	
CT10	0	0.19000E-01	554456.0	4178714.0	7.6	20.91	298.00	9.14	10.26	YES	
CT11	0	0.19000E-01	554470.0	4178714.0	7.6	20.91	298.00	9.14	10.26	YES	
CT12	0	0.19000E-01	554484.0	4178714.0	7.6	20.91	298.00	9.14	10.26	YES	
CT13	0	0.19000E-01	554498.0	4178714.0	7.6	20.91	298.00	9.14	10.26	YES	
CT14	0	0.19000E-01	554512.0	4178714.0	7.6	20.91	298.00	9.14	10.26	YES	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
ALL	NSTACK , SSTACK , CT1 , CT2 , CT3 , CT4 , CT5 , CT6 , CT7 , CT8 , CT9 , CT10 , CT11 , CT12 , CT13 , CT14 ,
TURB	NSTACK , SSTACK ,
CT	CT1 , CT2 , CT3 , CT4 , CT5 , CT6 , CT7 , CT8 , CT9 , CT10 , CT11 , CT12 , CT13 , CT14 ,

*** THE SUMMARY OF MAXIMUM PERIOD (8784 HRS) RESULTS ***

** CONC OF PMANN IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	0.83762 AT	(554633.00, 4178792.00, 0.00, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.83233 AT	(554608.00, 4178792.00, 0.40, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.81094 AT	(554658.00, 4178792.00, 0.00, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.81003 AT	(554633.00, 4178767.00, 0.00, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.80088 AT	(554658.00, 4178817.00, 0.00, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.80083 AT	(554599.00, 4178795.00, 0.60, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.78776 AT	(554683.00, 4178817.00, 0.00, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.78485 AT	(554599.00, 4178770.00, 0.60, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.78120 AT	(554633.00, 4178817.00, 0.00, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.76844 AT	(554683.00, 4178842.00, 0.00, 0.00)	DC	NA
TURB	1ST HIGHEST VALUE IS	0.49119 AT	(554808.00, 4179017.00, 0.00, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.48682 AT	(554683.00, 4178942.00, 0.00, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.48134 AT	(554683.00, 4178967.00, 0.00, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.47981 AT	(554708.00, 4178917.00, 0.00, 0.00)	DC	NA

	5TH HIGHEST VALUE IS	0.47788	AT (	554683.00,	4178917.00,	0.00,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.47228	AT (	554658.00,	4178942.00,	0.00,	0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.46905	AT (	554658.00,	4178917.00,	0.00,	0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.45935	AT (	554658.00,	4178967.00,	0.00,	0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.45847	AT (	554908.00,	4179017.00,	0.00,	0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.45822	AT (	554683.00,	4178892.00,	0.00,	0.00)	DC	NA
CT	1ST HIGHEST VALUE IS	0.51070	AT (	554608.00,	4178792.00,	0.40,	0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.49891	AT (	554633.00,	4178792.00,	0.00,	0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.49411	AT (	554633.00,	4178767.00,	0.00,	0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.49286	AT (	554599.00,	4178770.00,	0.60,	0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.48337	AT (	554599.00,	4178795.00,	0.60,	0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.46873	AT (	554608.00,	4178767.00,	0.40,	0.00)	DC	NA
	7TH HIGHEST VALUE IS	0.45727	AT (	554658.00,	4178792.00,	0.00,	0.00)	DC	NA
	8TH HIGHEST VALUE IS	0.42486	AT (	554658.00,	4178817.00,	0.00,	0.00)	DC	NA
	9TH HIGHEST VALUE IS	0.41916	AT (	554658.00,	4178767.00,	0.00,	0.00)	DC	NA
	10TH HIGHEST VALUE IS	0.41831	AT (	554633.00,	4178817.00,	0.00,	0.00)	DC	NA

C2 COOLING TOWER AND TURBINES SCREEN3 FUMIGATION MODEL OUTPUT

Potrero Power Plant Coo...g Tower Alternative

Fumigation Analysis

Pollutant	TIBL	Distance (m)	Rural 1-hr Fumigation (µg/m3)	Flat terrain (µg/m3) Rural	Flat terrain (µg/m3) Urban	Flat Terrain Urban/Rural	Urban Fumigation (µg/m3) 1-hr	Urban Fumigation (µg/m3) 24-hr	Flat Terrain Impacts (µg/m^3) Turbines 1-hr	Turbines 24-hr	Cooling Towers 1-hr	Cooling Towers 24-hr	Total 24-hr Impact (µg/m3)
Turbines	Inversion	16,849	3.790	1.270	2.722	2.143	8.123	**3.249**	--	--	0.2815	0.113	**3.362**
	2	24,936	2.610	1.226	1.951	1.591	4.153	**0.346**	--	--	0.1888	0.076	**0.422**
	3	8,496	7.200	1.240	4.464	3.600	25.920	**2.160**	--	--	0.5668	0.227	**2.387**
	4	4,023	13.650	1.757	5.875	3.344	45.642	**3.804**	--	--	1.193	0.477	**4.281**
	5	2,268	20.630	2.375	4.841	2.038	42.050	**3.504**	--	--	1.962	0.785	**4.289**
	6	1,401	27.080	3.299	2.666	0.808	21.884	**1.824**	--	--	2.571	1.028	**2.852**
Cooling Towers	Inversion	4,612	2.121	1.003	1.485	1.481	3.140	**1.256**	3.719	1.488	--	--	**2.744**
	2	7,094	1.368	0.993	0.986	0.993	1.358	**0.113**	2.915	1.166	--	--	**1.279**
	3	1,922	4.799	1.097	2.867	2.613	12.542	**1.045**	3.567	1.427	--	--	**2.472**
	4	794	9.105	2.835	2.523	0.890	8.103	**0.675**	0.629	0.252	--	--	**0.927**
	5	394	12.250	6.001	2.274	0.379	4.642	**0.387**	3.09E-02	0.012	--	--	**0.399**
	6	205	13.870	7.389	4.834	0.654	9.074	**0.756**	1.93E-03	0.001	--	--	**0.757**

Shoreline Fumigation impacts converted from 1-hr SCREEN3 results to 24-hour results by applying a persistence factor of 0.083. Other 1-hr SCREEN3 results multiplied by 0.4 to convert to 24-hr concentrations.

07/14/03
13:38:14

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 ***  SCREEN3 MODEL RUN  ***
 **  VERSION DATED 96043 ***

Tu  ne Impact during Cooling Tower Fumigation

SIMPLE TERRAIN INPUTS:
   SOURCE TYPE            =        POINT
   EMISSION RATE (G/S)    =      3.27600
   STACK HEIGHT (M)       =      56.3880
   STK INSIDE DIAM (M)    =       5.1100
   STK EXIT VELOCITY (M/S)=      23.3973
   STK GAS EXIT TEMP (K)  =     354.1100
   AMBIENT AIR TEMP (K)   =     293.0000
   RECEPTOR HEIGHT (M)    =       0.0000
   URBAN/RURAL OPTION     =        URBAN
   BUILDING HEIGHT (M)    =       0.0000
   MIN HORIZ BLDG DIM (M) =       0.0000
   MAX HORIZ BLDG DIM (M) =       0.0000

THE REGULATORY (DEFAULT) MIXING HEIGHT OPTION WAS SELECTED.
THE REGULATORY (DEFAULT) ANEMOMETER HEIGHT OF 10.0 METERS WAS ENTERED.


BUOY. FLUX =  258.476 M**4/S**3;  MOM. FLUX = 2956.942 M**4/S**2.

*** STABILITY CLASS  6 ONLY ***
*** ANEMOMETER HEIGHT WIND SPEED OF   2.00 M/S ONLY ***

**********************************
*** SCREEN DISCRETE DISTANCES ***
**********************************

*** TERRAIN HEIGHT OF    0. M ABOVE STACK BASE USED FOR FOLLOWING DISTANCES ***

  DIST     CONC              U10M   USTK  MIX HT   PLUME   SIGMA   SIGMA
   (M)   (UG/M**3)   STAB   (M/S)  (M/S)   (M)    HT (M)   Y (M)   Z (M)  DWASH
 -------  ----------  ----  -----  -----  ------  ------  ------  ------  -----
  4612.    3.719       6     2.0    3.4  10000.0  161.28  302.27  134.50    NO
           2.915       6     2.0    3.4  10000.0  161.28  399.47  169.01    NO
      .    3.567       6     2.0    3.4  10000.0  161.28  161.77   83.59    NO
   794.   0.6290       6     2.0    3.4  10000.0  161.28   81.78   52.34    NO
   394.   0.3091E-01   6     2.0    3.4  10000.0  161.28   50.21   39.02    NO
   205.   0.1930E-02   6     2.0    3.4  10000.0  161.28   36.99   33.22    NO

 DWASH=   MEANS NO CALC MADE (CONC = 0.0)
 DWASH=NO MEANS NO BUILDING DOWNWASH USED
 DWASH=HS MEANS HUBER-SNYDER DOWNWASH USED
 DWASH=SS MEANS SCHULMAN-SCIRE DOWNWASH USED
 DWASH=NA MEANS DOWNWASH NOT APPLICABLE, X<3*LB

     ***************************************
     *** SUMMARY OF SCREEN MODEL RESULTS ***
     ***************************************

 CALCULATION         MAX CONC    DIST TO   TERRAIN
  PROCEDURE         (UG/M**3)    MAX (M)    HT (M)
 --------------     -----------  -------   -------
 SIMPLE TERRAIN       3.719       4612.       0.

****************************************************
** REMEMBER TO INCLUDE BACKGROUND CONCENTRATIONS **
****************************************************
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07/03/03
10:38:03

*** SCREEN3 MODEL RUN ***
*** VERSION DATED 96043 ***

Co. g Tower Impacts during Turbine Fumigation

SIMPLE TERRAIN INPUTS:

SOURCE TYPE	=	POINT
EMISSION RATE (G/S)	=	0.308000
STACK HEIGHT (M)	=	20.9100
STK INSIDE DIAM (M)	=	10.2600
STK EXIT VELOCITY (M/S)	=	9.1400
STK GAS EXIT TEMP (K)	=	298.0000
AMBIENT AIR TEMP (K)	=	293.0000
RECEPTOR HEIGHT (M)	=	0.0000
URBAN/RURAL OPTION	=	URBAN
BUILDING HEIGHT (M)	=	0.0000
MIN HORIZ BLDG DIM (M)	=	0.0000
MAX HORIZ BLDG DIM (M)	=	0.0000

THE REGULATORY (DEFAULT) MIXING HEIGHT OPTION WAS SELECTED.
THE REGULATORY (DEFAULT) ANEMOMETER HEIGHT OF 10.0 METERS WAS ENTERED.

BUOY. FLUX = 39.576 M**4/S**3; MOM. FLUX = 2161.616 M**4/S**2.

*** STABILITY CLASS 6 ONLY ***
*** ANEMOMETER HEIGHT WIND SPEED OF 1.50 M/S ONLY ***

****
*** SCREEN DISCRETE DISTANCES ***
****

*** TERRAIN HEIGHT OF 0. M ABOVE STACK BASE USED FOR FOLLOWING DISTANCES ***

DIST (M)	CONC (UG/M**3)	STAB	U10M (M/S)	USTK (M/S)	MIX HT (M)	PLUME HT (M)	SIGMA Y (M)	SIGMA Z (M)	DWASH
16849.	0.2815	6	1.5	1.9	10000.0	89.12	666.49	263.69	NO
2	0.1888	6	1.5	1.9	10000.0	89.12	828.23	322.49	NO
	0.5668	6	1.5	1.9	10000.0	89.12	446.04	184.37	NO
4023.	1.193	6	1.5	1.9	10000.0	89.12	274.65	122.90	NO
2268.	1.962	6	1.5	1.9	10000.0	89.12	181.70	88.65	NO
1401.	2.571	6	1.5	1.9	10000.0	89.12	124.90	66.56	NO

DWASH= MEANS NO CALC MADE (CONC = 0.0)
DWASH=NO MEANS NO BUILDING DOWNWASH USED
DWASH=HS MEANS HUBER-SNYDER DOWNWASH USED
DWASH=SS MEANS SCHULMAN-SCIRE DOWNWASH USED
DWASH=NA MEANS DOWNWASH NOT APPLICABLE, X<3*LB

****
*** SUMMARY OF SCREEN MODEL RESULTS ***
****

CALCULATION PROCEDURE	MAX CONC (UG/M**3)	DIST TO MAX (M)	TERRAIN HT (M)
SIMPLE TERRAIN	2.571	1401.	0.

****
** REMEMBER TO INCLUDE BACKGROUND CONCENTRATIONS **
****

07/03/03
10:26:07

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 ***  SCREEN3 MODEL RUN  ***
 *** VERSION DATED 96043 ***

C     .g Tower Fumigation

SIMPLE TERRAIN INPUTS:
   SOURCE TYPE            =        POINT
   EMISSION RATE (G/S)    =     0.308000
   STACK HEIGHT (M)       =      20.9100
   STK INSIDE DIAM (M)    =      10.2600
   STK EXIT VELOCITY (M/S)=       9.1400
   STK GAS EXIT TEMP (K)  =     298.0000
   AMBIENT AIR TEMP (K)   =     293.0000
   RECEPTOR HEIGHT (M)    =       0.0000
   URBAN/RURAL OPTION     =        RURAL
   BUILDING HEIGHT (M)    =       0.0000
   MIN HORIZ BLDG DIM (M) =       0.0000
   MAX HORIZ BLDG DIM (M) =       0.0000

THE REGULATORY (DEFAULT) MIXING HEIGHT OPTION WAS SELECTED.
THE REGULATORY (DEFAULT) ANEMOMETER HEIGHT OF 10.0 METERS WAS ENTERED.


BUOY. FLUX =   39.576 M**4/S**3;  MOM. FLUX = 2161.616 M**4/S**2.

*** FULL METEOROLOGY ***

 *** INVERSION BREAK-UP FUMIGATION CALC. ***
  CONC (UG/M**3)   =    2.121
  DIST TO MAX (M)  =  4612.02

 *** SHORELINE FUMIGATION CALC. ***
  TIBL FACTOR      =  2
  CONC (UG/M**3)   =    1.368
  DIST TO MAX (M)  =  7094.42
  DIST TO SHORE (M)=   190.00

 *** SHORELINE FUMIGATION CALC. ***
  T    FACTOR      =  3
       (UG/M**3)   =    4.799
  D... TO MAX (M)  =  1921.78
  DIST TO SHORE (M)=   190.00

 *** SHORELINE FUMIGATION CALC. ***
  TIBL FACTOR      =  4
  CONC (UG/M**3)   =    9.105
  DIST TO MAX (M)  =   794.02
  DIST TO SHORE (M)=   190.00

 *** SHORELINE FUMIGATION CALC. ***
  TIBL FACTOR      =  5
  CONC (UG/M**3)   =    12.25
  DIST TO MAX (M)  =   394.00
  DIST TO SHORE (M)=   190.00

 *** SHORELINE FUMIGATION CALC. ***
  TIBL FACTOR      =  6
  CONC (UG/M**3)   =    13.87
  DIST TO MAX (M)  =   204.64
  DIST TO SHORE (M)=   190.00

     ****************************************
     *** SUMMARY OF SCREEN MODEL RESULTS ***
     ****************************************

 CALCULATION         MAX CONC    DIST TO   TERRAIN
  PROCEDURE         (UG/M**3)    MAX (M)    HT (M)
--------------     -----------   -------   -------
INV BREAKUP FUMI     2.121         4612.       --

SHORELINE FUMI 6 *  13.87          205.       --
 * TIBL FACTOR (BETWEEN 2 AND 6)

***************************************************
** REMEMBER TO INCLUDE BACKGROUND CONCENTRATIONS **
***     ***********************************************
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07/03/03
10:53:35

```
 ***  SCREEN3 MODEL RUN  ***
 *** VERSION DATED 96043 ***

C     ıg Tower Urban

SIMPLE TERRAIN INPUTS:
   SOURCE TYPE            =        POINT
   EMISSION RATE (G/S)    =     0.308000
   STACK HEIGHT (M)       =      20.9100
   STK INSIDE DIAM (M)    =      10.2600
   STK EXIT VELOCITY (M/S)=       9.1400
   STK GAS EXIT TEMP (K)  =     298.0000
   AMBIENT AIR TEMP (K)   =     293.0000
   RECEPTOR HEIGHT (M)    =       0.0000
   URBAN/RURAL OPTION     =        URBAN
   BUILDING HEIGHT (M)    =       0.0000
   MIN HORIZ BLDG DIM (M) =       0.0000
   MAX HORIZ BLDG DIM (M) =       0.0000

THE REGULATORY (DEFAULT) MIXING HEIGHT OPTION WAS SELECTED.
THE REGULATORY (DEFAULT) ANEMOMETER HEIGHT OF 10.0 METERS WAS ENTERED.


BUOY. FLUX =   39.576 M**4/S**3;  MOM. FLUX = 2161.616 M**4/S**2.

*** FULL METEOROLOGY ***

**********************************
*** SCREEN DISCRETE DISTANCES ***
**********************************

*** TERRAIN HEIGHT OF    0. M ABOVE STACK BASE USED FOR FOLLOWING DISTANCES ***
```

DIST (M)	CONC (UG/M**3)	STAB	U10M (M/S)	USTK (M/S)	MIX HT (M)	PLUME HT (M)	SIGMA Y (M)	SIGMA Z (M)	DWASH
4612.	1.485	6	1.0	1.2	10000.0	98.99	301.61	133.00	NO
7094.	0.9862	6	1.0	1.2	10000.0	98.99	398.96	167.83	NO
[illegible]	2.867	6	1.0	1.2	10000.0	98.99	160.52	81.16	NO
[illegible]	2.523	6	1.0	1.2	10000.0	98.99	79.29	48.36	NO
[illegible]4.	2.274	4	8.0	9.6	2560.0	44.77	59.23	52.88	NO
205.	4.834	4	15.0	18.0	4800.0	19.27	31.68	28.02	NO

```
DWASH=   MEANS NO CALC MADE (CONC = 0.0)
DWASH=NO MEANS NO BUILDING DOWNWASH USED
DWASH=HS MEANS HUBER-SNYDER DOWNWASH USED
DWASH=SS MEANS SCHULMAN-SCIRE DOWNWASH USED
DWASH=NA MEANS DOWNWASH NOT APPLICABLE, X<3*LB

     ****************************************
     *** SUMMARY OF SCREEN MODEL RESULTS ***
     ****************************************
```

CALCULATION PROCEDURE	MAX CONC (UG/M**3)	DIST TO MAX (M)	TERRAIN HT (M)
SIMPLE TERRAIN	4.834	205.	0.

```
***************************************************
** REMEMBER TO INCLUDE BACKGROUND CONCENTRATIONS **
***************************************************
```

07/03/03
10:49:29

*** SCREEN3 MODEL RUN ***
*** VERSION DATED 96043 ***

Co ng Tower Rural

SIMPLE TERRAIN INPUTS:

SOURCE TYPE	=	POINT
EMISSION RATE (G/S)	=	0.308000
STACK HEIGHT (M)	=	20.9100
STK INSIDE DIAM (M)	=	10.2600
STK EXIT VELOCITY (M/S)	=	9.1400
STK GAS EXIT TEMP (K)	=	298.0000
AMBIENT AIR TEMP (K)	=	293.0000
RECEPTOR HEIGHT (M)	=	0.0000
URBAN/RURAL OPTION	=	RURAL
BUILDING HEIGHT (M)	=	0.0000
MIN HORIZ BLDG DIM (M)	=	0.0000
MAX HORIZ BLDG DIM (M)	=	0.0000

THE REGULATORY (DEFAULT) MIXING HEIGHT OPTION WAS SELECTED.
THE REGULATORY (DEFAULT) ANEMOMETER HEIGHT OF 10.0 METERS WAS ENTERED.

BUOY. FLUX = 39.576 M**4/S**3; MOM. FLUX = 2161.616 M**4/S**2.

*** FULL METEOROLOGY ***

****
*** SCREEN DISCRETE DISTANCES ***
****

*** TERRAIN HEIGHT OF 0. M ABOVE STACK BASE USED FOR FOLLOWING DISTANCES ***

DIST (M)	CONC (UG/M**3)	STAB	U10M (M/S)	USTK (M/S)	MIX HT (M)	PLUME HT (M)	SIGMA Y (M)	SIGMA Z (M)	DWASH
4612.	1.003	5	1.0	1.3	10000.0	113.85	205.26	59.71	NO
7094.	0.9934	5	1.0	1.3	10000.0	113.85	300.67	71.59	NO
[illegible]	1.097	4	8.0	8.9	2560.0	48.95	123.88	50.06	NO
[illegible]	2.835	4	15.0	16.8	4800.0	21.50	55.49	27.24	NO
394.	6.001	4	20.0	22.3	6400.0	15.13	29.29	15.54	NO
205.	7.389	4	20.0	22.3	6400.0	15.13	16.11	9.02	NO

DWASH= MEANS NO CALC MADE (CONC = 0.0)
DWASH=NO MEANS NO BUILDING DOWNWASH USED
DWASH=HS MEANS HUBER-SNYDER DOWNWASH USED
DWASH=SS MEANS SCHULMAN-SCIRE DOWNWASH USED
DWASH=NA MEANS DOWNWASH NOT APPLICABLE, X<3*LB

****
*** SUMMARY OF SCREEN MODEL RESULTS ***
****

CALCULATION PROCEDURE	MAX CONC (UG/M**3)	DIST TO MAX (M)	TERRAIN HT (M)
SIMPLE TERRAIN	7.389	205.	0.

****
** REMEMBER TO INCLUDE BACKGROUND CONCENTRATIONS **
****

C3 COOLING TOWER AND TURBINES SHORTZ MODEL OUTPUT (EXCERPTS)

POSTZ - A POST PROCESSOR FOR THE SHORTZ MODEL

POSTZ RUN TITLE: PM10 Annual and 24-hour
SHORTZ RUN TITLE: SOUTHERN ENERGY PORTRERO PM10 24-Hour with Cooling Tower

ISW(1) RESTRICT TIME LIMITS (1=YES,0=NO)	0
ISW(2) LIMIT RECEPTORS TO ANALYZE (1=YES,0=NO)	0
ISW(3) LIMIT SOURCES TO ANALYZE (1=YES,0=NO)	0
ISW(4) SPECIFY BACKGROUND CONCENTRATIONS (0=NO,1=UNIFORM,2=BY RECEPTOR)	0
ISW(5) SCALE CONCENTRATIONS FOR SPECIFIC SOURCES (1=YES,0=NO)	0
1-HOUR AVERAGE ANALYSIS:	
ISW(6) HIGH-5 TABLE PREPARED (1=YES,0=NO)	0
ISW(7) TOP 50 TABLE PREPARED (1=YES,0=NO)	0
ISW(8) EXCEEDANCE TABLE PREPARED (1=YES,0=NO)	0
3-HOUR AVERAGE ANALYSIS:	
ISW(9) HIGH-5 TABLE PREPARED (1=YES,0=NO)	0
ISW(10) TOP 50 TABLE PREPARED (1=YES,0=NO)	0
ISW(11) EXCEEDANCE TABLE PREPARED (1=YES,0=NO)	0
8-HOUR AVERAGE ANALYSIS:	
ISW(12) HIGH-5 TABLE PREPARED (1=YES,0=NO)	0
ISW(13) TOP-50 TABLE PREPARED (1=YES,0=NO)	0
ISW(14) EXCEEDANCE TABLE PREPARED (1=YES,0=NO)	0
24-HOUR AVERAGE ANALYSIS:	
ISW(15) HIGH-5 TABLE PREPARED (1=YES,0=NO)	0
ISW(16) TOP-50 TABLE PREPARED (1=YES,0=NO)	1
ISW(17) EXCEEDANCE TABLE PREPARED (1=YES,0=NO)	0
ANNUAL AVERAGE ANALYSIS:	
ISW(18) HIGH-5 TABLE PREPARED (1=YES,0=NO)	0
ISW(19) TOP-50 TABLE PREPARED (1=YES,0=NO)	1
ISW(20) EXCEEDANCE TABLE PREPARED (1=YES,0=NO)	0
USER-SPECIFIED AVERAGING TIME ANALYSIS	
ISW(21) HIGH-5 TABLE PREPARED (1=YES,0=NO)	0
ISW(22) TOP-50 TABLE PREPARED (1=YES,0=NO)	0
ISW(23) EXCEEDANCE TABLE PREPARED (1=YES,0=NO)	0
ISW(24) BLOCK OR RUNNING AVERAGES (0=BLOCK,1-RUNNING)	0
ISW(25) CALMS POLICY (1=YES,0=NO)	0
JULIAN DAY FOR START OF ANALYSIS	1
YEAR FOR START OF ANALYSIS	1992
JULIAN DAY FOR END OF ANALYSIS	1
YEAR FOR END OF ANALYSIS	1993

TOP 50 TABLE FOR 24 HOUR AVERAGE CONCENTRATIONS

RANK	VALUE	RECEPTOR COORDINATES X	Y	ELEVATION	DAY	ENDING TIME
1	3.12	553050.	4178675.	96.	351	24
2	3.11	553075.	4178675.	94.	351	24
3	3.10	553100.	4178675.	93.	351	24
4	3.09	553025.	4178675.	96.	351	24
5	3.09	553125.	4178675.	92.	351	24
6	3.06	553150.	4178675.	91.	351	24
7	3.06	553050.	4178700.	95.	351	24
8	3.06	553025.	4178700.	96.	351	24
9	3.02	553075.	4178700.	93.	351	24
10	3.01	553175.	4178675.	90.	351	24
11	2.99	553100.	4178650.	94.	351	24
12	2.99	553075.	4178650.	95.	351	24
13	2.98	553050.	4178650.	96.	351	24
14	2.98	553100.	4178700.	91.	351	24
15	2.96	553125.	4178700.	90.	351	24
16	2.96	553200.	4178675.	88.	351	24
17	2.96	553125.	4178650.	93.	351	24
18	2.96	553150.	4178700.	89.	351	24
19	2.95	553175.	4178700.	89.	351	24
20	2.92	553000.	4178700.	94.	351	24
21	2.92	553200.	4178700.	88.	351	24
22	2.91	553000.	4178675.	93.	351	24

23	2.91	553025.	4178650.	95.	351	24
24	2.91	553150.	4178650.	92.	351	24
25	2.90	553225.	4178675.	87.	351	24
26	2.89	553225.	4178700.	87.	351	24
27	2.85	553175.	4178650.	90.	351	24
28	2.83	553250.	4178675.	86.	351	24
29	2.80	553200.	4178650.	89.	351	24
30	2.79	553250.	4178700.	85.	351	24
31	2.77	553050.	4178725.	93.	351	24
32	2.76	552975.	4178700.	91.	351	24
33	2.75	553025.	4178725.	94.	351	24
34	2.74	553225.	4178650.	87.	351	24
35	2.73	553000.	4178725.	94.	351	24
36	2.72	553075.	4178725.	91.	351	24
37	2.70	553100.	4178625.	95.	351	24
38	2.69	553000.	4178650.	89.	351	24
39	2.68	553075.	4178625.	94.	351	24
40	2.68	552975.	4178675.	87.	351	24
41	2.67	553125.	4178625.	94.	351	24
42	2.66	553250.	4178650.	86.	351	24
43	2.65	553050.	4178625.	94.	351	24
44	2.63	552975.	4178725.	93.	351	24
45	2.61	553150.	4178625.	92.	351	24
46	2.61	553100.	4178725.	88.	351	24
47	2.60	553200.	4178725.	85.	351	24
48	2.59	553225.	4178725.	85.	351	24
49	2.59	553175.	4178725.	86.	351	24
50	2.59	552950.	4178700.	87.	351	24

TOP 50 TABLE FOR 8784 HOUR AVERAGE CONCENTRATIONS

RANK	VALUE	RECEPTOR COORDINATES X	Y	ELEVATION	DAY	ENDING TIME
1	0.05	553025.	4178700.	96.	366	24
2	0.05	553050.	4178700.	95.	366	24
3	0.05	553050.	4178675.	96.	366	24
4	0.05	553025.	4178675.	96.	366	24
5	0.05	553075.	4178675.	94.	366	24
6	0.05	553000.	4178725.	94.	366	24
7	0.05	553050.	4178650.	96.	366	24
8	0.05	552975.	4178750.	95.	366	24
9	0.05	553025.	4178725.	94.	366	24
10	0.05	553075.	4178650.	95.	366	24
11	0.05	552975.	4178775.	95.	366	24
12	0.05	553000.	4178750.	94.	366	24
13	0.05	553075.	4178700.	93.	366	24
14	0.05	553050.	4178725.	93.	366	24
15	0.05	553100.	4178650.	94.	366	24
16	0.05	553100.	4178675.	93.	366	24
17	0.05	553000.	4178700.	94.	366	24
18	0.05	552950.	4178775.	95.	366	24
19	0.05	553125.	4178675.	92.	366	24
20	0.05	552975.	4178800.	95.	366	24
21	0.05	553025.	4178650.	95.	366	24
22	0.05	553125.	4178650.	93.	366	24
23	0.05	552975.	4178725.	93.	366	24
24	0.05	553100.	4178625.	95.	366	24
25	0.05	553000.	4178775.	94.	366	24
26	0.05	552950.	4178800.	95.	366	24
27	0.05	552950.	4178750.	93.	366	24
28	0.05	553025.	4178750.	92.	366	24
29	0.05	553100.	4178700.	91.	366	24
30	0.05	553125.	4178625.	94.	366	24
31	0.05	553150.	4178675.	91.	366	24
32	0.05	553075.	4178625.	94.	366	24
33	0.05	552975.	4178825.	95.	366	24
34	0.05	553000.	4178675.	93.	366	24
35	0.05	553075.	4178725.	91.	366	24
36	0.05	553150.	4178650.	92.	366	24
37	0.05	553000.	4178800.	94.	366	24
38	0.05	552950.	4178825.	95.	366	24
39	0.05	553125.	4178700.	90.	366	24
40	0.05	553050.	4178625.	94.	366	24
41	0.05	553025.	4178775.	92.	366	24
42	0.05	553050.	4178750.	91.	366	24
43	0.05	552975.	4178700.	91.	366	24
44	0.05	553150.	4178700.	89.	366	24
45	0.05	553150.	4178625.	92.	366	24
46	0.05	553175.	4178675.	90.	366	24
47	0.05	553100.	4178600.	93.	366	24
48	0.05	553125.	4178600.	93.	366	24

49	0.05	553000.	4178825.	94.	366	24
50	0.05	553175.	4178700.	89.	366	24

C4 COOLING TOWER AND ODOR CONTROL SYSTEM ISC MODEL INPUT/OUTPUT (EXCERPTS)

**MODELOPTs:
CONC   URBAN ELEV   GRDRIS

*** MODEL SETUP OPTIONS SUMMARY ***

- -

**Intermediate Terrain Processing is Selected

**Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --
**Model Uses NO DRY DEPLETION. DDPLETE = F
**Model Uses NO WET DEPLETION. WDPLETE = F
**NO WET SCAVENGING Data Provided.
**NO GAS DRY DEPOSITION Data Provided.
**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses User-Specified Options:
1. Gradual Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.

**Model Accepts Receptors on ELEV Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates 1 Short Term Average(s) of: 1-HR
and Calculates PERIOD Averages

* Run Includes: 15 Source(s); 2 Source Group(s); and 2267 Receptor(s)

**The Model Assumes A Pollutant Type of: XQ

**Model Set To Continue RUNning After the Setup Testing.

**Output Options Selected:
Model Outputs Tables of PERIOD Averages by Receptor
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs External File(s) of Concurrent Values for Postprocessing (POSTFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Anem. Hgt. (m) = 10.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 1.4 MB of RAM.

**Input Runstream File: hra.dta
**Output Print File: hra.lst

**MODELOPTs:
CONC URBAN ELEV GRDRIS

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
CT1	0	0.10000E+01	554330.0	4178716.0	7.6	20.91	298.00	9.14	10.26	YES	
CT2	0	0.10000E+01	554344.0	4178716.0	7.6	20.91	298.00	9.14	10.26	YES	
CT3	0	0.10000E+01	554358.0	4178716.0	7.6	20.91	298.00	9.14	10.26	YES	
CT4	0	0.10000E+01	554372.0	4178716.0	7.6	20.91	298.00	9.14	10.26	YES	
CT5	0	0.10000E+01	554386.0	4178715.0	7.6	20.91	298.00	9.14	10.26	YES	
CT6	0	0.10000E+01	554400.0	4178715.0	7.6	20.91	298.00	9.14	10.26	YES	
CT7	0	0.10000E+01	554414.0	4178715.0	7.6	20.91	298.00	9.14	10.26	YES	
CT8	0	0.10000E+01	554428.0	4178715.0	7.6	20.91	298.00	9.14	10.26	YES	
CT9	0	0.10000E+01	554442.0	4178715.0	7.6	20.91	298.00	9.14	10.26	YES	
CT10	0	0.10000E+01	554456.0	4178714.0	7.6	20.91	298.00	9.14	10.26	YES	
CT11	0	0.10000E+01	554470.0	4178714.0	7.6	20.91	298.00	9.14	10.26	YES	
CT12	0	0.10000E+01	554484.0	4178714.0	7.6	20.91	298.00	9.14	10.26	YES	
CT13	0	0.10000E+01	554498.0	4178714.0	7.6	20.91	298.00	9.14	10.26	YES	
CT14	0	0.10000E+01	554512.0	4178714.0	7.6	20.91	298.00	9.14	10.26	YES	
ODORCNT	0	0.10000E+01	554442.3	4178752.8	7.6	6.10	298.00	15.29	0.48	YES	

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDs
.	CT1 , CT2 , CT3 , CT4 , CT5 , CT6 , CT7 , CT8 , CT9 , CT10 , CT11 , CT12 , CT13 , CT14 ,
2	ODORCNT ,

**MODELOPTs:
CONC URBAN ELEV GRDRIS

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: CT1

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	16.6,	205.5,	0	2	16.6,	199.8,	0	3	16.6,	188.0,	0	4	16.6,	170.5,	0	5	16.6,	147.9,	0	6	16.6,	120.7,	0
7	16.6,	89.8,	0	8	16.6,	56.3,	0	9	16.6,	21.0,	0	10	16.6,	52.3,	0	11	18.3,	17.9,	0	12	18.3,	18.5,	0
13	27.4,	24.7,	0	14	27.4,	26.0,	0	15	27.4,	26.4,	0	16	27.4,	26.1,	0	17	27.4,	24.9,	0	18	16.6,	205.0,	0
19	16.6,	205.5,	0	20	16.6,	199.8,	0	21	16.6,	188.0,	0	22	16.6,	170.5,	0	23	16.6,	147.9,	0	24	16.6,	120.7,	0
25	16.6,	89.8,	0	26	16.6,	56.3,	0	27	16.6,	21.0,	0	28	16.6,	52.3,	0	29	16.6,	86.1,	0	30	16.6,	117.2,	0
31	27.4,	24.7,	0	32	27.4,	26.0,	0	33	27.4,	26.4,	0	34	27.4,	26.1,	0	35	27.4,	24.9,	0	36	16.6,	205.0,	0

SOURCE ID: CT2

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	16.6,	205.5,	0	2	16.6,	199.8,	0	3	16.6,	188.0,	0	4	16.6,	170.5,	0	5	16.6,	147.9,	0	6	16.6,	120.7,	0
7	16.6,	89.8,	0	8	16.6,	56.3,	0	9	16.6,	21.0,	0	10	16.6,	52.3,	0	11	16.6,	86.1,	0	12	27.4,	22.8,	0
13	27.4,	24.7,	0	14	27.4,	26.0,	0	15	27.4,	26.4,	0	16	27.4,	26.1,	0	17	16.6,	204.8,	0	18	16.6,	205.0,	0
19	16.6,	205.5,	0	20	16.6,	199.8,	0	21	16.6,	188.0,	0	22	16.6,	170.5,	0	23	16.6,	147.9,	0	24	16.6,	120.7,	0
25	16.6,	89.8,	0	26	16.6,	56.3,	0	27	16.6,	21.0,	0	28	16.6,	52.3,	0	29	16.6,	86.1,	0	30	16.6,	117.2,	0
31	27.4,	24.7,	0	32	27.4,	26.0,	0	33	27.4,	26.4,	0	34	27.4,	26.1,	0	35	16.6,	204.8,	0	36	16.6,	205.0,	0

SOURCE ID: CT3

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	16.6,	205.5,	0	2	16.6,	199.8,	0	3	16.6,	188.0,	0	4	16.6,	170.5,	0	5	16.6,	147.9,	0	6	16.6,	120.7,	0
7	16.6,	89.8,	0	8	16.6,	56.3,	0	9	16.6,	21.0,	0	10	16.6,	52.3,	0	11	16.6,	86.1,	0	12	27.4,	22.8,	0
[illegible]	27.4,	24.7,	0	14	27.4,	26.0,	0	15	27.4,	26.4,	0	16	27.4,	26.1,	0	17	16.6,	204.8,	0	18	16.6,	205.0,	0
[illegible]	16.6,	205.5,	0	20	16.6,	199.8,	0	21	16.6,	188.0,	0	22	16.6,	170.5,	0	23	16.6,	147.9,	0	24	16.6,	120.7,	0
[illegible]	16.6,	89.8,	0	26	16.6,	56.3,	0	27	16.6,	21.0,	0	28	16.6,	52.3,	0	29	16.6,	86.1,	0	30	16.6,	117.2,	0
31	16.6,	144.8,	0	32	16.6,	168.0,	0	33	16.6,	186.0,	0	34	16.6,	198.4,	0	35	16.6,	204.8,	0	36	16.6,	205.0,	0

SOURCE ID: CT4

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	16.6,	205.5,	0	2	16.6,	199.8,	0	3	16.6,	188.0,	0	4	16.6,	170.5,	0	5	16.6,	147.9,	0	6	16.6,	120.7,	0
7	16.6,	89.8,	0	8	16.6,	56.3,	0	9	16.6,	21.0,	0	10	16.6,	52.3,	0	11	16.6,	86.1,	0	12	27.4,	22.8,	0
13	27.4,	24.7,	0	14	27.4,	26.0,	0	15	27.4,	26.4,	0	16	16.6,	198.4,	0	17	16.6,	204.8,	0	18	16.6,	205.0,	0
19	16.6,	205.5,	0	20	16.6,	199.8,	0	21	16.6,	188.0,	0	22	16.6,	170.5,	0	23	16.6,	147.9,	0	24	38.0,	75.8,	0
25	38.0,	75.8,	0	26	38.0,	73.5,	0	27	16.6,	21.0,	0	28	16.6,	52.3,	0	29	16.6,	86.1,	0	30	16.6,	117.2,	0
31	16.6,	144.8,	0	32	16.6,	168.0,	0	33	16.6,	186.0,	0	34	16.6,	198.4,	0	35	16.6,	204.8,	0	36	16.6,	205.0,	0

**MODELOPTs:
CONC URBAN ELEV GRDRIS

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: CT5

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	16.6,	205.5,	0	2	16.6,	199.8,	0	3	16.6,	188.0,	0	4	16.6,	170.5,	0	5	16.6,	147.9,	0	6	16.6,	120.7,	0
7	16.6,	89.8,	0	8	16.6,	56.3,	0	9	16.6,	21.0,	0	10	16.6,	52.3,	0	11	27.4,	20.1,	0	12	27.4,	22.8,	0
13	27.4,	24.7,	0	14	27.4,	26.0,	0	15	16.6,	186.0,	0	16	16.6,	198.4,	0	17	16.6,	204.8,	0	18	16.6,	205.0,	0
19	16.6,	205.5,	0	20	16.6,	199.8,	0	21	16.6,	188.0,	0	22	16.6,	170.5,	0	23	38.0,	73.4,	0	24	38.0,	75.8,	0
25	38.0,	75.8,	0	26	38.0,	73.5,	0	27	16.6,	21.0,	0	28	16.6,	52.3,	0	29	16.6,	86.1,	0	30	16.6,	117.2,	0
31	16.6,	144.8,	0	32	16.6,	168.0,	0	33	16.6,	186.0,	0	34	16.6,	198.4,	0	35	16.6,	204.8,	0	36	16.6,	205.0,	0

SOURCE ID: CT6

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	16.6,	205.5,	0	2	16.6,	199.8,	0	3	16.6,	188.0,	0	4	16.6,	170.5,	0	5	16.6,	147.9,	0	6	16.6,	120.7,	0
7	16.6,	89.8,	0	8	16.6,	56.3,	0	9	16.6,	21.0,	0	10	16.6,	52.3,	0	11	27.4,	20.1,	0	12	27.4,	22.8,	0
13	27.4,	24.7,	0	14	27.4,	26.0,	0	15	16.6,	186.0,	0	16	16.6,	198.4,	0	17	16.6,	204.8,	0	18	16.6,	205.0,	0
19	16.6,	205.5,	0	20	16.6,	199.8,	0	21	16.6,	188.0,	0	22	16.6,	170.5,	0	23	38.0,	73.4,	0	24	38.0,	75.8,	0
25	38.0,	75.8,	0	26	38.0,	73.5,	0	27	16.6,	21.0,	0	28	16.6,	52.3,	0	29	16.6,	86.1,	0	30	16.6,	117.2,	0
31	16.6,	144.8,	0	32	16.6,	168.0,	0	33	16.6,	186.0,	0	34	16.6,	198.4,	0	35	16.6,	204.8,	0	36	16.6,	205.0,	0

SOURCE ID: CT7

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	16.6,	205.5,	0	2	16.6,	199.8,	0	3	16.6,	188.0,	0	4	16.6,	170.5,	0	5	16.6,	147.9,	0	6	16.6,	120.7,	0
7	16.6,	89.8,	0	8	16.6,	56.3,	0	9	16.6,	21.0,	0	10	16.6,	52.3,	0	11	16.6,	86.1,	0	12	16.6,	117.2,	0
13	16.6,	144.8,	0	14	16.6,	168.0,	0	15	16.6,	186.0,	0	16	16.6,	198.4,	0	17	16.6,	204.8,	0	18	16.6,	205.0,	0
19	16.6,	205.5,	0	20	16.6,	199.8,	0	21	16.6,	188.0,	0	22	16.6,	170.5,	0	23	38.0,	73.4,	0	24	38.0,	75.8,	0
25	38.0,	75.8,	0	26	38.0,	73.5,	0	27	16.6,	21.0,	0	28	16.6,	52.3,	0	29	16.6,	86.1,	0	30	16.6,	117.2,	0
31	16.6,	144.8,	0	32	16.6,	168.0,	0	33	16.6,	186.0,	0	34	16.6,	198.4,	0	35	16.6,	204.8,	0	36	16.6,	205.0,	0

S ID: CT8

	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	16.6,	205.5,	0	2	16.6,	199.8,	0	3	16.6,	188.0,	0	4	16.6,	170.5,	0	5	16.6,	147.9,	0	6	16.6,	120.7,	0
7	16.6,	89.8,	0	8	16.6,	56.3,	0	9	16.6,	21.0,	0	10	16.6,	52.3,	0	11	16.6,	86.1,	0	12	16.6,	117.2,	0
13	16.6,	144.8,	0	14	16.6,	168.0,	0	15	16.6,	186.0,	0	16	16.6,	198.4,	0	17	16.6,	204.8,	0	18	16.6,	205.0,	0
19	16.6,	205.5,	0	20	16.6,	199.8,	0	21	16.6,	188.0,	0	22	38.0,	68.9,	0	23	38.0,	73.4,	0	24	38.0,	75.8,	0
25	38.0,	75.8,	0	26	38.0,	73.5,	0	27	16.6,	21.0,	0	28	16.6,	52.3,	0	29	16.6,	86.1,	0	30	16.6,	117.2,	0
31	16.6,	144.8,	0	32	16.6,	168.0,	0	33	16.6,	186.0,	0	34	16.6,	198.4,	0	35	16.6,	204.8,	0	36	16.6,	205.0,	0

**MODELOPTs:
CONC URBAN ELEV GRDRIS

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: CT9

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	16.6,	205.5,	0	2	16.6,	199.8,	0	3	16.6,	188.0,	0	4	16.6,	170.5,	0	5	16.6,	147.9,	0	6	16.6,	120.7,	0
7	16.6,	89.8,	0	8	16.6,	56.3,	0	9	16.6,	21.0,	0	10	16.6,	52.3,	0	11	16.6,	86.1,	0	12	16.6,	117.2,	0
13	16.6,	144.8,	0	14	16.6,	168.0,	0	15	16.6,	186.0,	0	16	16.6,	198.4,	0	17	16.6,	204.8,	0	18	16.6,	205.0,	0
19	16.6,	205.5,	0	20	16.6,	199.8,	0	21	16.6,	188.0,	0	22	38.0,	68.9,	0	23	38.0,	73.4,	0	24	38.0,	75.8,	0
25	38.0,	75.8,	0	26	38.0,	73.5,	0	27	16.6,	21.0,	0	28	16.6,	52.3,	0	29	16.6,	86.1,	0	30	16.6,	117.2,	0
31	16.6,	144.8,	0	32	16.6,	168.0,	0	33	16.6,	186.0,	0	34	16.6,	198.4,	0	35	16.6,	204.8,	0	36	16.6,	205.0,	0

SOURCE ID: CT10

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	16.6,	205.5,	0	2	16.6,	199.8,	0	3	16.6,	188.0,	0	4	16.6,	170.5,	0	5	16.6,	147.9,	0	6	16.6,	120.7,	0
7	16.6,	89.8,	0	8	16.6,	56.3,	0	9	16.6,	21.0,	0	10	16.6,	52.3,	0	11	16.6,	86.1,	0	12	16.6,	117.2,	0
13	16.6,	144.8,	0	14	16.6,	168.0,	0	15	16.6,	186.0,	0	16	16.6,	198.4,	0	17	16.6,	204.8,	0	18	16.6,	205.0,	0
19	16.6,	205.5,	0	20	16.6,	199.8,	0	21	38.0,	62.4,	0	22	38.0,	68.9,	0	23	38.0,	73.4,	0	24	38.0,	75.8,	0
25	38.0,	75.8,	0	26	16.6,	56.3,	0	27	16.6,	21.0,	0	28	16.6,	52.3,	0	29	16.6,	86.1,	0	30	16.6,	117.2,	0
31	16.6,	144.8,	0	32	16.6,	168.0,	0	33	16.6,	186.0,	0	34	16.6,	198.4,	0	35	16.6,	204.8,	0	36	16.6,	205.0,	0

SOURCE ID: CT11

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	16.6,	205.5,	0	2	16.6,	199.8,	0	3	38.0,	62.4,	0	4	16.6,	170.5,	0	5	16.6,	147.9,	0	6	16.6,	120.7,	0
7	16.6,	89.8,	0	8	16.6,	56.3,	0	9	16.6,	21.0,	0	10	16.6,	52.3,	0	11	16.6,	86.1,	0	12	16.6,	117.2,	0
13	16.6,	144.8,	0	14	16.6,	168.0,	0	15	16.6,	186.0,	0	16	16.6,	198.4,	0	17	16.6,	204.8,	0	18	16.6,	205.0,	0
19	16.6,	205.5,	0	20	16.6,	199.8,	0	21	38.0,	62.4,	0	22	38.0,	68.9,	0	23	38.0,	73.4,	0	24	38.0,	75.8,	0
25	38.0,	75.8,	0	26	16.6,	56.3,	0	27	16.6,	21.0,	0	28	16.6,	52.3,	0	29	16.6,	86.1,	0	30	16.6,	117.2,	0
31	16.6,	144.8,	0	32	16.6,	168.0,	0	33	16.6,	186.0,	0	34	16.6,	198.4,	0	35	16.6,	204.8,	0	36	16.6,	205.0,	0

SOURCE ID: CT12

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	16.6,	205.5,	0	2	38.0,	55.9,	0	3	38.0,	62.4,	0	4	38.0,	68.9,	0	5	38.0,	73.4,	0	6	38.0,	75.8,	0
7	38.0,	75.8,	0	8	16.6,	56.3,	0	9	16.6,	21.0,	0	10	16.6,	52.3,	0	11	16.6,	86.1,	0	12	16.6,	117.2,	0
13	16.6,	144.8,	0	14	16.6,	168.0,	0	15	16.6,	186.0,	0	16	16.6,	198.4,	0	17	16.6,	204.8,	0	18	16.6,	205.0,	0
19	16.6,	205.5,	0	20	38.0,	55.9,	0	21	38.0,	62.4,	0	22	38.0,	68.9,	0	23	38.0,	73.4,	0	24	38.0,	75.8,	0
25	38.0,	75.8,	0	26	16.6,	56.3,	0	27	16.6,	21.0,	0	28	16.6,	52.3,	0	29	16.6,	86.1,	0	30	16.6,	117.2,	0
31	16.6,	144.8,	0	32	16.6,	168.0,	0	33	16.6,	186.0,	0	34	16.6,	198.4,	0	35	16.6,	204.8,	0	36	16.6,	205.0,	0

**MODELOPTs:
CONC URBAN ELEV GRDRIS

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: CT13

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	16.6,	205.5,	0	2	38.0,	55.9,	0	3	38.0,	62.4,	0	4	38.0,	68.9,	0	5	38.0,	73.4,	0	6	38.0,	75.8,	0
7	38.0,	75.8,	0	8	16.6,	56.3,	0	9	16.6,	21.0,	0	10	16.6,	52.3,	0	11	16.6,	86.1,	0	12	16.6,	117.2,	0
13	16.6,	144.8,	0	14	16.6,	168.0,	0	15	16.6,	186.0,	0	16	16.6,	198.4,	0	17	16.6,	204.8,	0	18	16.6,	205.0,	0
19	16.6,	205.5,	0	20	38.0,	55.9,	0	21	38.0,	62.4,	0	22	38.0,	68.9,	0	23	38.0,	73.4,	0	24	38.0,	75.8,	0
25	38.0,	75.8,	0	26	16.6,	56.3,	0	27	16.6,	21.0,	0	28	16.6,	52.3,	0	29	16.6,	86.1,	0	30	16.6,	117.2,	0
31	16.6,	144.8,	0	32	16.6,	168.0,	0	33	16.6,	186.0,	0	34	16.6,	198.4,	0	35	16.6,	204.8,	0	36	16.6,	205.0,	0

SOURCE ID: CT14

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	38.0,	49.6,	0	2	38.0,	55.9,	0	3	38.0,	62.4,	0	4	38.0,	68.9,	0	5	38.0,	73.4,	0	6	38.0,	75.8,	0
7	38.0,	75.8,	0	8	16.6,	56.3,	0	9	16.6,	21.0,	0	10	16.6,	52.3,	0	11	16.6,	86.1,	0	12	16.6,	117.2,	0
13	16.6,	144.8,	0	14	16.6,	168.0,	0	15	16.6,	186.0,	0	16	16.6,	198.4,	0	17	16.6,	204.8,	0	18	16.6,	205.0,	0
19	38.0,	49.6,	0	20	38.0,	55.9,	0	21	38.0,	62.4,	0	22	38.0,	68.9,	0	23	38.0,	73.4,	0	24	38.0,	75.8,	0
25	38.0,	75.8,	0	26	16.6,	56.3,	0	27	16.6,	21.0,	0	28	16.6,	52.3,	0	29	16.6,	86.1,	0	30	16.6,	117.2,	0
31	16.6,	144.8,	0	32	16.6,	168.0,	0	33	16.6,	186.0,	0	34	16.6,	198.4,	0	35	16.6,	204.8,	0	36	16.6,	205.0,	0

SOURCE ID: ODORCNT

IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK	IFV	BH	BW	WAK
1	16.6,	205.5,	0	2	16.6,	199.8,	0	3	16.6,	188.0,	0	4	16.6,	170.5,	0	5	16.6,	147.9,	0	6	16.6,	120.7,	0
7	16.6,	89.8,	0	8	16.6,	56.3,	0	9	0.0,	0.0,	0	10	0.0,	0.0,	0	11	16.6,	86.1,	0	12	16.6,	117.2,	0
13	16.6,	144.8,	0	14	16.6,	168.0,	0	15	16.6,	186.0,	0	16	16.6,	198.4,	0	17	16.6,	204.8,	0	18	16.6,	205.0,	0
19	16.6,	205.5,	0	20	16.6,	199.8,	0	21	16.6,	188.0,	0	22	16.6,	170.5,	0	23	38.0,	73.4,	0	24	38.0,	75.8,	0
25	38.0,	75.8,	0	26	38.0,	73.5,	0	27	38.0,	69.0,	0	28	0.0,	0.0,	0	29	16.6,	86.1,	0	30	16.6,	117.2,	0
	16.6,	144.8,	0	32	16.6,	168.0,	0	33	16.6,	186.0,	0	34	16.6,	198.4,	0	35	16.6,	204.8,	0	36	16.6,	205.0,	0

*** MODELOPTs:
URBAN ELEV GRDRIS

*** THE SUMMARY OF MAXIMUM PERIOD (8784 HRS) RESULTS ***

** CONC OF XQ IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
1	1ST HIGHEST VALUE IS	26.87925 AT	(554608.00, 4178792.00, 0.40, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	26.25821 AT	(554633.00, 4178792.00, 0.00, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	26.00610 AT	(554633.00, 4178767.00, 0.00, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	25.94031 AT	(554599.00, 4178770.00, 0.60, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	25.44065 AT	(554599.00, 4178795.00, 0.60, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	24.66989 AT	(554608.00, 4178767.00, 0.40, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	24.06681 AT	(554658.00, 4178792.00, 0.00, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	22.36058 AT	(554658.00, 4178817.00, 0.00, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	22.06079 AT	(554658.00, 4178767.00, 0.00, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	22.01640 AT	(554633.00, 4178817.00, 0.00, 0.00)	DC	NA
2	1ST HIGHEST VALUE IS	42.20484 AT	(554599.00, 4178820.00, 0.60, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	38.63365 AT	(554608.00, 4178817.00, 0.40, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	38.13252 AT	(554441.00, 4178695.00, 2.00, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	37.02274 AT	(554599.00, 4178795.00, 0.60, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	34.95521 AT	(554608.00, 4178842.00, 0.00, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	34.47420 AT	(554599.00, 4178847.00, 0.10, 0.00)	DC	NA
	7TH HIGHEST VALUE IS	32.43603 AT	(554616.00, 4178847.00, 0.00, 0.00)	DC	NA
	8TH HIGHEST VALUE IS	31.98240 AT	(554416.00, 4178695.00, 2.10, 0.00)	DC	NA
	9TH HIGHEST VALUE IS	31.90977 AT	(554608.00, 4178792.00, 0.40, 0.00)	DC	NA
	10TH HIGHEST VALUE IS	30.54140 AT	(554633.00, 4178842.00, 0.00, 0.00)	DC	NA

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
BD = BOUNDARY

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF XQ IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
1	HIGH 1ST HIGH VALUE IS	407.63910	ON 92030624: AT	(554283.00, 4178642.00, 5.70, 0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	378.71396	ON 92020323: AT	(554283.00, 4178642.00, 5.70, 0.00)	DC	NA
2	HIGH 1ST HIGH VALUE IS	1420.70264	ON 92100708: AT	(554441.00, 4178695.00, 2.00, 0.00)	DC	NA
	HIGH 2ND HIGH VALUE IS	1400.81653	ON 92111423: AT	(554441.00, 4178695.00, 2.00, 0.00)	DC	NA

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
BD = BOUNDARY

C5 ACE 2588 MODEL OUTPUT (EXCERPTS)

***** A C E 2 5 8 8 --- ASSESSMENT OF CHEMICAL EXPOSURE FOR AB 2588 --- VERSION 93288 *****

*** A MULTI-SOURCE, MULTI-POLLUTANT, MULTI-PATHWAY RISK ASSESSMENT MODEL

DEVELOPED BY APPLIED MODELING INC. AND SANTA BARBARA COUNTY APCD ***

Distributed and Maintained by CAPCOA

*** INPUT MODELING PARAMETERS ***

DISPERSION MODELING OPTION =	1
RISK ASSESSMENT OPTION =	0
NONCANCER ACUTE OPTION =	1
DIAGNOSTIC PRINT OUTPUT OPTION =	1
NUMBER OF RECEPTORS =	2267
NUMBER OF SOURCES =	2
NUMBER OF POLLUTANTS =	25
NUMBER OF DISPERSION MODELING HOURS =	8784
NUMBER OF DISPERSION MODELING DAYS =	366

IDODIS = 1 ==> ISCST DISPERSION MODELING WITH SEQUENTIAL METEOROLOGY
ANNUAL CONCENTRATIONS COMPUTED AS AVERAGES OF 1-HOUR CONC.

IDORISK = 0 ==> FULL MODEL RUN FOR RISK ASSESSMENT FROM ALL SOURCES AT ALL RECEPTORS

IDOACU = 1 ==> NONCANCER ACUTE EXPOSURE PERFORMED

IDOPRT = 1 ==> DIAGNOSTIC PRINT OUTPUT CREATED

IDENTIFICATION NUMBERS OF MODELED POLLUTANTS:

1	9	13	20	30	36	38	70	83	87	91	96	110	111	122
130	134	135	137	145	151	152	167	168	194					

*** POLLUTANT-SPECIFIC DATA ***

NAME	SYMBOL	NUM	UNIT RISK (ug/m3)-1	POTENCY (mg/kg-d)-1	ACUTE AEL (ug/m3)	CHRONIC AEL (ug/m3)	ORAL DOSE (mg/kg-d)	CHRONIC TOX ENDPOINTS CV	CN	IM	KI	LI	RP	RE	SK	ACUTE TOX ENDPOINTS CV	CN	IM	KI	LI	RP	RE	EY
Acetaldehyde	ACETA	1	2.70E-06	0.00E+00	3.60E+04	9.00E+00	0.00E+00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1
Ammonia	NH3	9	0.00E+00	0.00E+00	3.20E+03	2.00E+02	0.00E+00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1
Benzene	BENZE	13	2.90E-05	0.00E+00	1.30E+03	6.00E+01	0.00E+00	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0
Butadiene-1,3	BUTAD	20	1.70E-04	0.00E+00	2.20E+02	2.00E+01	0.00E+00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1
Chloroform	CHCl3	30	5.30E-06	0.00E+00	1.50E+02	3.00E+02	0.00E+00	0	0	0	1	1	1	0	0	0	0	0	0	0	1	0	0
Chromium (hex.)	Cr	36	1.50E-01	4.20E-01	1.00E-01	2.00E-01	2.00E-02	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0
Copper	Cu	38	0.00E+00	0.00E+00	1.00E+02	2.40E+00	0.00E+00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0
Formaldehyde	HCHO	70	6.00E-06	0.00E+00	9.40E+01	3.00E+00	0.00E+00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Lead	Pb	83	1.20E-05	8.50E-03	6.00E+00	1.50E+00	0.00E+00	1	1	1	1	0	1	0	0	1	1	1	1	0	1	0	1
Mercury	Hg	87	0.00E+00	0.00E+00	1.80E+00	9.00E-02	3.00E-04	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Methyl chloroform	TCA11	91	0.00E+00	0.00E+00	6.80E+04	1.00E+03	0.00E+00	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Methylene chloride	METCL	96	1.00E-06	0.00E+00	1.40E+04	4.00E+02	0.00E+00	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Naphthalene	NAPTH	110	0.00E+00	0.00E+00	5.00E+03	9.00E+00	0.00E+00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Nickel	Ni	111	2.60E-04	0.00E+00	6.00E+00	5.00E-02	5.00E-02	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0
Perchloroethylene	PCE	122	5.90E-06	0.00E+00	2.00E+04	3.50E+01	0.00E+00	0	0	0	1	1	0	0	0	0	1	0	0	0	0	1	1
Benzo(A)Pyrene	PAH	130	1.10E-03	1.20E+01	0.00E+00	0.00E+00	0.00E+00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Propylene	PROPL	134	0.00E+00	0.00E+00	0.00E+00	3.00E+03	0.00E+00	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Propylene oxide	PROX	135	3.70E-06	0.00E+00	3.10E+03	3.00E+01	0.00E+00	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1
Selenium	Se	137	0.00E+00	0.00E+00	2.00E+01	2.00E+01	0.00E+00	1	1	0	0	1	0	0	0	0	0	0	0	0	0	1	1
Toluene	TOL	145	0.00E+00	0.00E+00	3.70E+04	3.00E+02	0.00E+00	0	1	0	0	0	1	1	0	0	1	0	0	0	0	1	1
Xylene	XYLEN	151	0.00E+00	0.00E+00	2.20E+04	7.00E+02	0.00E+00	0	1	0	0	0	0	1	0	0	0	0	0	0	0	1	1
Zinc	Zn	152	0.00E+00	0.00E+00	5.00E+01	3.50E+01	0.00E+00	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0
Ethyl Benzene	ETHBE	167	0.00E+00	0.00E+00	4.34E+04	2.00E+03	0.00E+00	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1
Hexane	HEXNE	168	0.00E+00	0.00E+00	0.00E+00	7.00E+03	0.00E+00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MethylEthelKetone	MEK	194	0.00E+00	0.00E+00	1.30E+04	1.00E+03	0.00E+00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1

TOTAL NUMBER OF MODELED POLLUTANTS = 25

NUMBER OF CARCINOGENIC POLLUTANTS = 12

1 13 20 30 36 70 83 96 111 122
130 135

NUMBER OF MULTIPATHWAY POLLUTANTS = 5

36 83 87 111 130

NUMBER OF POLLUTANTS WITH ACUTE NON-CANCER RISK = 22

1 9 13 20 30 36 38 70 83 87
91 96 110 111 122 135 137 145 151 152
167 194

MAXIMUM NUMBER OF ACUTE TOXICOLOGICAL ENDPOINTS = 6

NUMBER OF POLLUTANTS WITH CHRONIC NON-CANCER RISK = 24

1 9 13 20 30 36 38 70 83 87
91 96 110 111 122 134 135 137 145 151
152 167 168 194

MAXIMUM NUMBER OF CHRONIC TOXICOLOGICAL ENDPOINTS = 5

REQUIRED TOTAL ARRAY SIZE = 340996 WORDS

*** INPUT SOURCE EMISSION RATES ****

FOR SOURCE # 1 0 CT CELLS 1-14
OPERATING HOURS = 8784.00 SURFACE AREA (m2) = 1.000E+00 DEPOSITION ADJUST. FACTOR = 1.00000

POLLUTANT NAME	POLLUTANT NUMBER	1-HOUR RATE (g/s)	1-HOUR RATE (lb/hr)	ANNUAL RATE (g/s)	ANNUAL RATE (lb/yr)
ACETA	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NH3	9	0.000E+00	0.000E+00	0.000E+00	0.000E+00
BENZE	13	0.000E+00	0.000E+00	0.000E+00	0.000E+00
BUTAD	20	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CHCl3	30	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Cr	36	2.050E-08	1.627E-07	2.050E-08	1.429E-03
Cu	38	2.290E-07	1.817E-06	2.290E-07	1.596E-02
HCHO	70	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Pb	83	2.950E-10	2.341E-09	2.950E-10	2.057E-05
Hg	87	6.160E-08	4.889E-07	6.160E-08	4.294E-03
TCA11	91	0.000E+00	0.000E+00	0.000E+00	0.000E+00
METCL	96	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NAPTH	110	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Ni	111	3.950E-08	3.135E-07	3.950E-08	2.754E-03
PCE	122	0.000E+00	0.000E+00	0.000E+00	0.000E+00
PAH	130	0.000E+00	0.000E+00	0.000E+00	0.000E+00
PROPL	134	0.000E+00	0.000E+00	0.000E+00	0.000E+00
PROX	135	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Se	137	7.900E-09	6.270E-08	7.900E-09	5.507E-04
TOL	145	0.000E+00	0.000E+00	0.000E+00	0.000E+00
XYLEN	151	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Zn	152	9.860E-07	7.825E-06	9.860E-07	6.874E-02
ETHBE	167	0.000E+00	0.000E+00	0.000E+00	0.000E+00
HEXNE	168	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MEK	194	0.000E+00	0.000E+00	0.000E+00	0.000E+00

FOR SOURCE # 2 0 ODOR CONTROL
OPERATING HOURS = 8784.00 SURFACE AREA (m2) = 1.000E+00 DEPOSITION ADJUST. FACTOR = 1.00000

POLLUTANT NAME	POLLUTANT NUMBER	1-HOUR RATE (g/s)	1-HOUR RATE (lb/hr)	ANNUAL RATE (g/s)	ANNUAL RATE (lb/yr)
ACETA	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NH3	9	0.000E+00	0.000E+00	0.000E+00	0.000E+00
BENZE	13	5.750E-05	4.563E-04	5.750E-05	4.009E+00
BUTAD	20	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CHCl3	30	1.590E-04	1.262E-03	1.590E-04	1.108E+01

Cr	36	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Cu	38	0.000E+00	0.000E+00	0.000E+00	0.000E+00
HCHO	70	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Pb	83	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Hg	87	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TCA11	91	2.200E-04	1.746E-03	2.200E-04	1.534E+01
METCL	96	1.450E-04	1.151E-03	1.450E-04	1.011E+01
NAPTH	110	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Ni	111	0.000E+00	0.000E+00	0.000E+00	0.000E+00
PCE	122	2.880E-04	2.286E-03	2.880E-04	2.008E+01
PAH	130	0.000E+00	0.000E+00	0.000E+00	0.000E+00
PROPL	134	0.000E+00	0.000E+00	0.000E+00	0.000E+00
PROX	135	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Se	137	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TOL	145	2.470E-04	1.960E-03	2.470E-04	1.722E+01
XYLEN	151	2.370E-04	1.881E-03	2.370E-04	1.652E+01
Zn	152	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ETHBE	167	4.060E-05	3.222E-04	4.060E-05	2.830E+00
HEXNE	168	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MEK	194	2.170E-07	1.722E-06	2.170E-07	1.513E-02

*** INPUT FACILITY-WIDE EMISSION RATES ***

POLLUTANT NAME	POLLUTANT NUMBER	1-HOUR RATE (g/s)	1-HOUR RATE (lb/hr)	ANNUAL RATE (g/s)	ANNUAL RATE (lb/yr)
ACETA	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NH3	9	0.000E+00	0.000E+00	0.000E+00	0.000E+00
BENZE	13	5.750E-05	4.563E-04	5.750E-05	4.009E+00
BUTAD	20	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CHCl3	30	1.590E-04	1.262E-03	1.590E-04	1.108E+01
Cr	36	2.050E-08	1.627E-07	2.050E-08	1.429E-03
Cu	38	2.290E-07	1.817E-06	2.290E-07	1.596E-02
HCHO	70	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Pb	83	2.950E-10	2.341E-09	2.950E-10	2.057E-05
Hg	87	6.160E-08	4.889E-07	6.160E-08	4.294E-03
TCA11	91	2.200E-04	1.746E-03	2.200E-04	1.534E+01
METCL	96	1.450E-04	1.151E-03	1.450E-04	1.011E+01
NAPTH	110	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Ni	111	3.950E-08	3.135E-07	3.950E-08	2.754E-03
PCE	122	2.880E-04	2.286E-03	2.880E-04	2.008E+01
PAH	130	0.000E+00	0.000E+00	0.000E+00	0.000E+00
PROPL	134	0.000E+00	0.000E+00	0.000E+00	0.000E+00
PROX	135	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Se	137	7.900E-09	6.270E-08	7.900E-09	5.507E-04
TOL	145	2.470E-04	1.960E-03	2.470E-04	1.722E+01
XYLEN	151	2.370E-04	1.881E-03	2.370E-04	1.652E+01
Zn	152	9.860E-07	7.825E-06	9.860E-07	6.874E-02
ETHBE	167	4.060E-05	3.222E-04	4.060E-05	2.830E+00
HEXNE	168	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MEK	194	2.170E-07	1.722E-06	2.170E-07	1.513E-02

*** 70-YEAR LIFETIME CANCER RISK BY SOURCE FOR PEAK RECEPTOR # 27 ***

SOURCE	INHALE	DERMAL	SOIL	WATER	PLANTS	ANIMAL	MOTHER MILK	SUM
1	5.725E-08	8.798E-11	4.158E-10	0.000E+00	1.683E-10	0.000E+00	0.000E+00	5.792E-08
2	1.838E-07	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.838E-07
SUM	2.410E-07	8.798E-11	4.158E-10	0.000E+00	1.683E-10	0.000E+00	0.000E+00	2.417E-07

RECEPTOR RISK OF 2.417E-07 IS BELOW SIGNIFICANT RISK LEVEL OF 1.000E-05

RECEPTOR RISK OF 2.417E-07 IS BELOW IMPACT ZONE RISK LEVEL OF 1.000E-06

*** 70-YEAR LIFETIME CANCER RISK BY POLLUTANT FOR PEAK RECEPTOR # 27 ***

POLLUTANT	INHALE	DERMAL	SOIL	WATER	PLANTS	ANIMAL	MOTHER MILK	SUM
ACETA	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
BENZE	7.038E-08	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.038E-08
BUTAD	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CHCl3	3.557E-08	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.557E-08
Cr	5.706E-08	8.798E-11	4.157E-10	0.000E+00	1.683E-10	0.000E+00	0.000E+00	5.773E-08
HCHO	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
Pb	6.568E-14	2.562E-15	1.211E-13	0.000E+00	5.084E-14	0.000E+00	0.000E+00	2.402E-13
METCL	6.120E-09	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.120E-09
Ni	1.906E-10	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.906E-10
PCE	7.171E-08	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.171E-08
PAH	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
PROX	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SUM	2.410E-07	8.798E-11	4.158E-10	0.000E+00	1.683E-10	0.000E+00	0.000E+00	2.417E-07

RECEPTOR RISK OF 2.417E-07 IS BELOW SIGNIFICANT RISK LEVEL OF 1.000E-05

RECEPTOR RISK OF 2.417E-07 IS BELOW IMPACT ZONE RISK LEVEL OF 1.000E-06

*** MAXIMUM ACUTE HAZARD INDEX BY POLLUTANT ***

POLLUTANT	PEAK CONC (ug/m3)	BACKGR (ug/m3)	TOTAL (ug/m3)	AEL (ug/m3)	HAZARD INDEX	RECEPTOR
ACETA	0.000E+00	0.000E+00	0.000E+00	3.600E+04	0.000E+00	0
NH3	0.000E+00	0.000E+00	0.000E+00	3.200E+03	0.000E+00	0
BENZE	8.169E-02	0.000E+00	8.169E-02	1.300E+03	6.284E-05	15
BUTAD	0.000E+00	0.000E+00	0.000E+00	2.200E+02	0.000E+00	0
CHCl3	2.259E-01	0.000E+00	2.259E-01	1.500E+02	1.506E-03	15
Cr	8.357E-06	0.000E+00	8.357E-06	1.000E-01	8.357E-05	93
Cu	9.335E-05	0.000E+00	9.335E-05	1.000E+02	9.335E-07	93
HCHO	0.000E+00	0.000E+00	0.000E+00	9.400E+01	0.000E+00	0
Pb	1.203E-07	0.000E+00	1.203E-07	6.000E+00	2.004E-08	93
Hg	2.511E-05	0.000E+00	2.511E-05	1.800E+00	1.395E-05	93
TCA11	3.126E-01	0.000E+00	3.126E-01	6.800E+04	4.596E-06	15
METCL	2.060E-01	0.000E+00	2.060E-01	1.400E+04	1.471E-05	15
NAPTH	0.000E+00	0.000E+00	0.000E+00	5.000E+03	0.000E+00	0
Ni	1.610E-05	0.000E+00	1.610E-05	6.000E+00	2.684E-06	93
PCE	4.092E-01	0.000E+00	4.092E-01	2.000E+04	2.046E-05	15
PROX	0.000E+00	0.000E+00	0.000E+00	3.100E+03	0.000E+00	0
Se	3.220E-06	0.000E+00	3.220E-06	2.000E+01	1.610E-07	93
TOL	3.509E-01	0.000E+00	3.509E-01	3.700E+04	9.484E-06	15
XYLEN	3.367E-01	0.000E+00	3.367E-01	2.200E+04	1.530E-05	15
Zn	4.019E-04	0.000E+00	4.019E-04	5.000E+01	8.039E-06	93
ETHBE	5.768E-02	0.000E+00	5.768E-02	4.340E+04	1.329E-06	15
MEK	3.083E-04	0.000E+00	3.083E-04	1.300E+04	2.371E-08	15

*** MAXIMUM CHRONIC EXPOSURE BY POLLUTANT FROM ALL SOURCES ***

POL.	PATHWAY DOSE (mg/kg-d) INHALE	DERMAL	SOIL	WATER	PLANTS	ANIMAL	MOT MILK	NON-INH DOSE SUM	ACCEPTABL ORAL DOSE	INH CONC (ug/m3)	BACKGR (ug/m3)	AEL (ug/m3)	HAZARD INDEX	REC.
ACETA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.00E+00	0.00E+00	0
NH3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E+02	0.00E+00	0
BENZE	6.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03	0.00E+00	6.00E+01	4.04E-05	27
BUTAD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E+01	0.00E+00	0
CHCl3	1.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-03	0.00E+00	3.00E+02	2.24E-05	27
Cr	1.57E-10	3.03E-10	1.43E-09	0.00E+00	5.80E-10	0.00E+00	0.00E+00	2.32E-09	2.00E-02	5.51E-07	0.00E+00	2.00E-01	2.87E-06	173
Cu	1.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-06	0.00E+00	2.40E+00	2.56E-06	173
HCHO	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E+00	0.00E+00	0
Pb	2.27E-12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-09	0.00E+00	1.50E+00	5.29E-09	173
Hg	4.73E-10	9.12E-10	4.31E-09	0.00E+00	5.92E-09	0.00E+00	0.00E+00	1.11E-08	3.00E-04	1.66E-06	0.00E+00	9.00E-02	5.55E-05	173
TCA11	2.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-03	0.00E+00	1.00E+03	9.29E-06	27
METCL	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-03	0.00E+00	4.00E+02	1.53E-05	27
NAPTH	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.00E+00	0.00E+00	0
Ni	3.03E-10	2.34E-09	2.76E-09	0.00E+00	1.89E-09	0.00E+00	0.00E+00	6.99E-09	5.00E-02	1.06E-06	0.00E+00	5.00E-02	2.14E-05	173
PCE	3.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-02	0.00E+00	3.50E+01	3.47E-04	27
PROPL	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E+03	0.00E+00	0
PROX	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E+01	0.00E+00	0
Se	6.07E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-07	0.00E+00	2.00E+01	1.06E-08	173
TOL	2.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02	0.00E+00	3.00E+02	3.47E-05	27
XYLEN	2.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-02	0.00E+00	7.00E+02	1.43E-05	27
Zn	7.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-05	0.00E+00	3.50E+01	7.57E-07	173
ETHRE	4.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	2.00E+03	8.57E-07	27
'	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E+03	0.00E+00	0
ı	2.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-06	0.00E+00	1.00E+03	9.16E-09	27

*** SUMMARY OF MAXIMUM PREDICTED RISKS ***

CANCER RISK ASSESSMENT

SIGNIFICANT RISK LEVEL =	1.000E-05
IMPACT ZONE RISK LEVEL =	1.000E-06
MAXIMUM PEAK RISK =	2.417E-07
PREDICTED AT RECEPTOR #	27
TOTAL EXCESS BURDEN =	0.000E+00

0 RECEPTORS WITH RISK EXCEEDING SIGNIFICANT RISK LEVEL OF 1.000E-05

ACUTE EXPOSURE TO NON-CANCER POLLUTANTS

SIGNIFICANT HAZARD INDEX =	1.0000
MAXIMUM HAZARD INDEX FOR AN ENDPOINT =	0.0016
PREDICTED AT RECEPTOR #	15

0 RECEPTORS WITH HAZARD INDEX .GE. 1.0000 FOR ONE OR MORE TOXICOLOGICAL ENDPOINTS

CHRONIC EXPOSURE TO NON-CANCER POLLUTANTS

SIGNIFICANT HAZARD INDEX =	1.0000
MAXIMUM HAZARD INDEX FOR AN ENDPOINT =	0.0004
PREDICTED AT RECEPTOR #	27

0 RECEPTORS WITH HAZARD INDEX .GE. 1.0000 FOR ONE OR MORE TOXICOLOGICAL ENDPOINTS