```
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 6.7.1
** Lakes Environmental Software Inc.
** Date: 11/22/2010
** File: S:\AERMOD\6005\test7.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE Monsanto PCB Deposition, Vapor Deposition
   TITLETWO Plume Depletion Off, Dw x 10^5
   MODELOPT  CONC DEPOS DDEP WDEP NODRYDPLT NOWETDPLT FLAT ELEV
   GDSEASON 4 4 5 5 5 1 1 1 2 2 3 3
   GDLANUSE 3 11*5 6*3 3*5 15*3
   AVERTIME 1 ANNUAL
   POLLUTID PCB
   RUNORNOT RUN
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION INC POINT 746414.070 4275771.170 125.410
** DESCRSRC Old Incinerator
   LOCATION MFG VOLUME 746775.200 4275942.620 124.970
** DESCRSRC PCB Manufacturing Building
** Source Parameters **
   SRCPARAM INC 0.000144 30.480 324.820 8.85000 1.520
   SRCPARAM MFG 0.0496 30.480 5.604 14.180
   GASDEPOS INC 0.0429 40000.0 325.0 24.0
   GASDEPOS MFG 0.0429 40000.0 325.0 24.0
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
```

```
****************************************
**
**
RE STARTING
   INCLUDED test7.rou
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE C:\6005\5yr.SFC
   PROFFILE C:\6005\5yr.PFL
   SURFDATA 13994 1983 ST_LOUIS/LAMBERT_INT'L_ARPT
   UAIRDATA 3879 1983 SALEM
   PROFBASE 172 METERS
   STARTEND 1983 1 1 1 1983 12 31 24
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST TEST7.AD\01H1GALL.PLT
   PLOTFILE ANNUAL ALL TEST7.AD\AN00GALL.PLT
OU FINISHED

 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

 *** AERMOD - VERSION 09292 ***    *** Monsanto PCB Deposition, Vapor Deposition
                          ***        11/22/10
                                  *** Plume Depletion Off, Dw x 10^5
                        ***       11:22:51

                                  PAGE   1
 **MODELOPTs:  NonDFAULT CONC     DEPOS     DDEP      WDEP      FLAT and  ELEV

                                                              NODRYDPLT
NOWETDPLT

                                            ***     MODEL SETUP OPTIONS SUMMARY
```

```
  ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 **Model Is Setup For Calculation of Average CONCentration Values.
 **Model Is Setup For Calculation of Total DEPOSition Values.
 **Model Is Setup For Calculation of Dry DEPosition Values.
 **Model Is Setup For Calculation of Wet DEPosition Values.

   --  DEPOSITION LOGIC  --
 **GAS DEPOSITION Data Provided.
 **NO PARTICLE DEPOSITION Data Provided.
 **Model Uses NO DRY DEPLETION.  DRYDPLT  =  F
 **Model Uses NO WET DEPLETION.  WETDPLT  =  F

 **Model Uses RURAL Dispersion Only.

 **Model Allows User-Specified Options:
         1. Stack-tip Downwash.
         2. Allow FLAT/ELEV Terrain Option by Source,
            with      0 FLAT and      2 ELEV Source(s).
         3. Use Calms Processing Routine.
         4. Use Missing Data Processing Routine.
         5. No Exponential Decay.

 **Model Assumes No FLAGPOLE Receptor Heights.

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

 **This Run Includes:      2 Source(s);       1 Source Group(s); and       2
Receptor(s)

 **The Model Assumes A Pollutant Type of:  PCB

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

 **Output Options Selected:
          Model Outputs Tables of ANNUAL Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
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:  Base Elev. for Pot. Temp. Profile (m MSL) =   172.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
  Concentration:  Emission Units = GRAMS/SEC                              ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3
     Deposition:  Emission Units = GRAMS/SEC                              ;
Emission Rate Unit Factor =    3600.0
                  Output Units   = GRAMS/M**2

 **Approximate Storage Requirements of Model =      3.5 MB of RAM.

↑ *** AERMOD - VERSION 09292 ***    *** Monsanto PCB Deposition, Vapor Deposition
                          ***        11/22/10
                                   *** Plume Depletion Off, Dw x 10^5
                       ***         11:22:51

                                   PAGE   2
 **MODELOPTs:  NonDFAULT CONC      DEPOS     DDEP      WDEP      FLAT and  ELEV

                                                                 NODRYDPLT
NOWETDPLT


                                                   *** POINT SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE     STACK   STACK
STACK     STACK    BLDG   URBAN  CAP/  EMIS RATE
    SOURCE     PART.  (GRAMS/SEC)     X        Y      ELEV.    HEIGHT  TEMP.   EXIT
VEL. DIAMETER  EXISTS SOURCE HOR   SCALAR
      ID       CATS.               (METERS) (METERS) (METERS) (METERS) (DEG.K)
(M/SEC)  (METERS)                     VARY BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

   INC           0   0.14400E-03  746414.1 4275771.2   125.4    30.48   324.82
8.85     1.52    NO      NO    NO
↑ *** AERMOD - VERSION 09292 ***    *** Monsanto PCB Deposition, Vapor Deposition
                          ***        11/22/10
                                   *** Plume Depletion Off, Dw x 10^5
                       ***         11:22:51

                                   PAGE   3
 **MODELOPTs:  NonDFAULT CONC      DEPOS     DDEP      WDEP      FLAT and  ELEV

                                                                 NODRYDPLT
NOWETDPLT


                                                   *** VOLUME SOURCE DATA ***
```

```
              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
     SOURCE    PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
      ID       CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

   MFG           0   0.49600E-01  746775.2 4275942.6   125.0    30.48     5.60
14.18     NO
↑ *** AERMOD - VERSION 09292 ***    *** Monsanto PCB Deposition, Vapor Deposition
                          ***        11/22/10
                                    *** Plume Depletion Off, Dw x 10^5
                       ***          11:22:51

                                    PAGE   4
 **MODELOPTs:  NonDFAULT CONC       DEPOS     DDEP      WDEP      FLAT and  ELEV

                                                                 NODRYDPLT
NOWETDPLT


                                            *** SOURCE IDs DEFINING SOURCE GROUPS
***

 GROUP ID                                                     SOURCE IDs



  ALL       INC     , MFG     ,
↑ *** AERMOD - VERSION 09292 ***    *** Monsanto PCB Deposition, Vapor Deposition
                          ***        11/22/10
                                    *** Plume Depletion Off, Dw x 10^5
                       ***          11:22:51

                                    PAGE   5
 **MODELOPTs:  NonDFAULT CONC       DEPOS     DDEP      WDEP      FLAT and  ELEV

                                                                 NODRYDPLT
NOWETDPLT

                                                  *** SOURCE PARTICULATE/GAS DATA ***



          *** SOURCE ID = INC     ; SOURCE TYPE = POINT    ***

          DIFF IN AIR (M**2/SEC)     =   0.43E-05
```

DIFF IN WATER (M**2/SEC) = 0.40E+01

LEAF LIPID RESIST (SEC/M) = 0.32E+05

HENRY`S LAW COEFFICIENT = 0.24E+02

*** SOURCE ID = MFG ; SOURCE TYPE = VOLUME ***

DIFF IN AIR (M**2/SEC) = 0.43E-05

DIFF IN WATER (M**2/SEC) = 0.40E+01

LEAF LIPID RESIST (SEC/M) = 0.32E+05

HENRY`S LAW COEFFICIENT = 0.24E+02

**MODELOPTs: NonDFAULT CONC DEPOS DDEP WDEP FLAT and ELEV

NODRYDPLT
NOWETDPLT

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(746423.0, 4277446.0, 124.5, 124.5, 0.0); (746723.0, 4276346.0, 125.0, 125.0, 0.0);

**MODELOPTs: NonDFAULT CONC DEPOS DDEP WDEP FLAT and ELEV

NODRYDPLT
NOWETDPLT

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

```
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

METEOROLOGICAL DATA PROCESSED BETWEEN START DATE: 1983 1 1 1
AND END DATE: 1983 12 31 24

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** AERMOD - VERSION 09292 *** *** Monsanto PCB Deposition, Vapor Deposition ***
11/22/10
*** Plume Depletion Off, Dw x 10^5 ***
11:22:51

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**MODELOPTs: NonDFAULT CONC DEPOS DDEP WDEP FLAT and ELEV NODRYDPLT NOWETDPLT

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: C:\6005\5yr.SFC
Met Version: 06341
Profile file: C:\6005\5yr.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 13994 Upper air station no.: 3879
Name: ST_LOUIS/LAMBERT_INT'L_ARPT Name: SALEM

Year: 1983 Year: 1983

First 24 hours of scalar data

```
 YR MO DY HR     H0     U*     W*  DT/DZ ZICNV ZIMCH  M-O LEN  Z0 BOWEN  ALB  REF
WS   WD   HT  REF TA  HT IPCOD PRATE  RH SFCP CCVR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
 83 01 01 01  -31.7  0.274 -9.000 -9.000 -999.  330.     58.2 0.05 1.10 1.00
3.60  221.   6.  273.1   2.  0   0.00   69. 1004.  0
 83 01 01 02  -34.0  0.293 -9.000 -9.000 -999.  365.     66.3 0.07 1.10 1.00
3.60  208.   6.  272.5   2.  0   0.00   72. 1004.  0
 83 01 01 03  -37.2  0.321 -9.000 -9.000 -999.  418.     79.5 0.05 1.10 1.00
4.10  214.   6.  272.5   2.  0   0.00   72. 1004.  0
 83 01 01 04  -28.1  0.242 -9.000 -9.000 -999.  275.     45.0 0.07 1.10 1.00
3.10  203.   6.  272.0   2.  0   0.00   78. 1004.  0
 83 01 01 05  -37.2  0.321 -9.000 -9.000 -999.  418.     79.3 0.05 1.10 1.00
4.10  223.   6.  272.0   2.  0   0.00   78. 1003.  0
 83 01 01 06  -37.2  0.321 -9.000 -9.000 -999.  418.     79.3 0.05 1.10 1.00
4.10  232.   6.  272.0   2.  0   0.00   82. 1003.  0
 83 01 01 07  -26.2  0.225 -9.000 -9.000 -999.  249.     39.1 0.05 1.10 1.00
3.10  215.   6.  272.0   2.  0   0.00   82. 1004.  0
 83 01 01 08  -45.0  0.391 -9.000 -9.000 -999.  561.    118.5 0.07 1.10 0.71
4.60  203.   6.  272.0   2.  0   0.00   82. 1004.  0
 83 01 01 09   -3.0  0.430 -9.000 -9.000 -999.  649.   2377.3 0.05 1.10 0.39
5.10  217.   6.  273.8   2.  0   0.00   72. 1004.  0
 83 01 01 10   46.1  0.492  0.477  0.006   84.  793.   -231.4 0.05 1.10 0.27
5.70  231.   6.  275.9   2.  0   0.00   62. 1004.  0
 83 01 01 11   82.1  0.450  0.905  0.007  323.  696.    -99.3 0.05 1.10 0.23
5.10  224.   6.  278.8   2.  0   0.00   51. 1004.  0
 83 01 01 12  101.3  0.481  1.152  0.007  540.  767.    -98.4 0.04 1.10 0.22
5.70  256.   6.  280.4   2.  0   0.00   44. 1003.  0
 83 01 01 13  102.7  0.323  1.231  0.007  650.  438.    -29.2 0.04 1.10 0.22
3.60  263.   6.  280.9   2.  0   0.00   46. 1002.  0
 83 01 01 14   86.4  0.332  1.199  0.007  713.  440.    -37.9 0.05 1.10 0.23
3.60  229.   6.  282.0   2.  0   0.00   41. 1002.  0
 83 01 01 15   55.6  0.389  1.054  0.007  754.  558.    -94.5 0.04 1.10 0.27
4.60  262.   6.  282.5   2.  0   0.00   38. 1002.  1
 83 01 01 16    8.9  0.376  0.574  0.007  759.  531.   -535.1 0.04 1.10 0.36
4.60  244.   6.  282.0   2.  0   0.00   37. 1003.  1
 83 01 01 17  -27.6  0.258 -9.000 -9.000 -999.  309.     55.9 0.04 1.10 0.65
3.60  291.   6.  278.8   2.  0   0.00   51. 1002.  1
 83 01 01 18   -8.8  0.084 -9.000 -9.000 -999.   92.      5.9 0.04 1.10 1.00
2.10  297.   6.  277.0   2.  0   0.00   60. 1003.  3
 83 01 01 19   -9.1  0.084 -9.000 -9.000 -999.   56.      5.8 0.04 1.10 1.00
```

```
2.10  294.   6.  275.9   2.  0   0.00   67. 1003.  0
 83 01 01 20  -24.1  0.209 -9.000 -9.000 -999.  220.     34.2 0.04 1.10 1.00
3.10  287.   6.  274.9   2.  0   0.00   73. 1003.  0
 83 01 01 21   -4.6  0.060 -9.000 -9.000 -999.   60.      4.1 0.04 1.10 1.00
1.50  290.   6.  274.2   2.  0   0.00   79. 1003.  0
 83 01 01 22  -19.6  0.169 -9.000 -9.000 -999.  160.     22.1 0.05 1.10 1.00
2.60  342.   6.  272.0   2.  0   0.00   89. 1003.  0
 83 01 01 23  -19.6  0.169 -9.000 -9.000 -999.  160.     22.1 0.05 1.10 1.00
2.60  330.   6.  272.5   2.  0   0.00   85. 1003.  0
 83 01 01 24  -36.6  0.318 -9.000 -9.000 -999.  413.     78.7 0.05 1.10 1.00
4.10  350.   6.  274.2   2.  0   0.00   85. 1003.  0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 83 01 01 01    6.1 1  221.    3.60   273.2   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
```



```
 **MODELOPTs:  NonDFAULT CONC      DEPOS     DDEP      WDEP      FLAT and  ELEV

                                                                NODRYDPLT
NOWETDPLT

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   1
YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):      INC     , MFG     ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

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

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         746423.00    4277446.00        0.01427                      746723.00
4276346.00        0.07101
```

**MODELOPTs: NonDFAULT CONC DEPOS DDEP WDEP FLAT and ELEV

NODRYDPLT
NOWETDPLT

*** THE ANNUAL TOTAL DEPOSITION VALUES AVERAGED OVER 1
YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): INC , MFG ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** DEPO OF PCB IN GRAMS/M**2/YR
**

X-COORD (M)	Y-COORD (M)	DEPO	X-COORD (M)	Y-COORD (M)	DEPO
746423.00	4277446.00	0.00006	746723.00	4276346.00	0.00034

↑ *** AERMOD - VERSION 09292 *** *** Monsanto PCB Deposition, Vapor Deposition
*** 11/22/10
*** Plume Depletion Off, Dw x 10^5
*** 11:22:51

**MODELOPTs: NonDFAULT CONC DEPOS DDEP WDEP FLAT and ELEV

NODRYDPLT
NOWETDPLT

*** THE ANNUAL DRY DEPOSITION VALUES AVERAGED OVER 1
YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): INC , MFG ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** DEPO OF PCB IN GRAMS/M**2/YR
**

X-COORD (M)	Y-COORD (M)	DEPO	X-COORD (M)	Y-COORD (M)	DEPO
746423.00	4277446.00	0.00006	746723.00	4276346.00	0.00034

↑ *** AERMOD - VERSION 09292 *** *** Monsanto PCB Deposition, Vapor Deposition

*** THE ANNUAL WET DEPOSITION VALUES AVERAGED OVER 1 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): INC , MFG ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** DEPO OF PCB IN GRAMS/M**2/YR **

X-COORD (M)	Y-COORD (M)	DEPO	X-COORD (M)	Y-COORD (M)	DEPO
746423.00	4277446.00	0.00000	746723.00	4276346.00	0.00000

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): INC , MFG ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)

- -
746423.00 4277446.00 0.78383 (83110708) 746723.00
4276346.00 1.54556 (83110806)

*** AERMOD - VERSION 09292 *** *** Monsanto PCB Deposition, Vapor Deposition
*** 11/22/10
*** Plume Depletion Off, Dw x 10^5
*** 11:22:51

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**MODELOPTs: NonDFAULT CONC DEPOS DDEP WDEP FLAT and ELEV
NODRYDPLT
NOWETDPLT

*** THE 1ST HIGHEST 1-HR TOTAL DEPOSITION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): INC , MFG ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** DEPO OF PCB IN GRAMS/M**2
**

X-COORD (M) Y-COORD (M) DEPO (YYMMDDHH) X-COORD (M)
Y-COORD (M) DEPO (YYMMDDHH)
- -
- -
746423.00 4277446.00 0.00000 (83110708) 746723.00
4276346.00 0.00000 (83062006)

*** AERMOD - VERSION 09292 *** *** Monsanto PCB Deposition, Vapor Deposition
*** 11/22/10
*** Plume Depletion Off, Dw x 10^5
*** 11:22:51

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**MODELOPTs: NonDFAULT CONC DEPOS DDEP WDEP FLAT and ELEV
NODRYDPLT
NOWETDPLT

*** THE 1ST HIGHEST 1-HR DRY DEPOSITION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): INC , MFG ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** DEPO OF PCB IN GRAMS/M**2
**

```
      X-COORD (M)  Y-COORD (M)        DEPO     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        DEPO     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        746423.00   4277446.00        0.00000  (83110708)              746723.00
 4276346.00        0.00000  (83062006)
↑ *** AERMOD - VERSION 09292 ***    *** Monsanto PCB Deposition, Vapor Deposition
                          ***       11/22/10
                                   *** Plume Depletion Off, Dw x 10^5
                        ***        11:22:51

                                   PAGE  16
 **MODELOPTs:  NonDFAULT CONC      DEPOS     DDEP      WDEP      FLAT and  ELEV

                                                                 NODRYDPLT
NOWETDPLT

                              *** THE   1ST HIGHEST  1-HR     WET DEPOSITION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):      INC     , MFG     ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** DEPO OF PCB      IN GRAMS/M**2
                    **

      X-COORD (M)  Y-COORD (M)        DEPO     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        DEPO     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
        746423.00   4277446.00        0.00000  (83121323)              746723.00
 4276346.00        0.00000  (83072421)
↑ *** AERMOD - VERSION 09292 ***    *** Monsanto PCB Deposition, Vapor Deposition
                          ***       11/22/10
                                   *** Plume Depletion Off, Dw x 10^5
                        ***        11:22:51

                                   PAGE  17
 **MODELOPTs:  NonDFAULT CONC      DEPOS     DDEP      WDEP      FLAT and  ELEV

                                                                 NODRYDPLT
NOWETDPLT

                                   *** THE SUMMARY OF MAXIMUM ANNUAL RESULTS
AVERAGED OVER   1 YEARS ***


                                    ** CONC OF PCB      IN MICROGRAMS/M**3
```

```
                **


                        NETWORK
GROUP ID                     AVERAGE CONC               RECEPTOR  (XR, YR, ZELEV,
ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

ALL      1ST HIGHEST VALUE IS       0.07101 AT (  746723.00,  4276346.00,   124.97,
  124.97,    0.00)  DC
         2ND HIGHEST VALUE IS       0.01427 AT (  746423.00,  4277446.00,   124.50,
  124.50,    0.00)  DC
         3RD HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,
    0.00,    0.00)
         4TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,
    0.00,    0.00)
         5TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,
    0.00,    0.00)
         6TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,
    0.00,    0.00)
         7TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,
    0.00,    0.00)
         8TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,
    0.00,    0.00)
         9TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,
    0.00,    0.00)
        10TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,
    0.00,    0.00)


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***    *** Monsanto PCB Deposition, Vapor Deposition
                          ***        11/22/10
                                   *** Plume Depletion Off, Dw x 10^5
                          ***      11:22:51

                                   PAGE  18
 **MODELOPTs:  NonDFAULT CONC      DEPOS     DDEP      WDEP      FLAT and  ELEV

                                                                NODRYDPLT
NOWETDPLT

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

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

```
                                                         DATE
                                             NETWORK
GROUP ID                          AVERAGE CONC     (YYMMDDHH)            RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -

ALL      HIGH  1ST HIGH VALUE IS       1.54556  ON 83110806: AT (  746723.00,
4276346.00,   124.97,   124.97,    0.00)  DC


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

```
↑ *** AERMOD - VERSION 09292 ***    *** Monsanto PCB Deposition, Vapor Deposition
                           ***       11/22/10
                                   *** Plume Depletion Off, Dw x 10^5
                         ***       11:22:51

                                   PAGE  19
 **MODELOPTs:  NonDFAULT CONC      DEPOS     DDEP      WDEP      FLAT and  ELEV

                                                                 NODRYDPLT
NOWETDPLT
```

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 1 YEARS ***

** DEPO OF PCB IN GRAMS/M**2/YR **

```
                         NETWORK
GROUP ID                         TOTAL DEPO               RECEPTOR  (XR, YR, ZELEV,
ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

ALL      1ST HIGHEST VALUE IS       0.00034 AT (  746723.00,  4276346.00,   124.97,
  124.97,    0.00)  DC
         2ND HIGHEST VALUE IS       0.00006 AT (  746423.00,  4277446.00,   124.50,
  124.50,    0.00)  DC
         3RD HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,
    0.00,    0.00)
         4TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,
```

```
    0.00,    0.00)
         5TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,
    0.00,    0.00)
         6TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,
    0.00,    0.00)
         7TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,
    0.00,    0.00)
         8TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,
    0.00,    0.00)
         9TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,
    0.00,    0.00)
        10TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,
    0.00,    0.00)


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***    *** Monsanto PCB Deposition, Vapor Deposition
                          ***        11/22/10
                                  *** Plume Depletion Off, Dw x 10^5
                        ***       11:22:51

                                  PAGE  20
 **MODELOPTs:  NonDFAULT CONC      DEPOS     DDEP      WDEP      FLAT and  ELEV

                                                                NODRYDPLT
NOWETDPLT

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


                                   ** DEPO OF PCB      IN GRAMS/M**2
                **

                                                        DATE
                                         NETWORK
GROUP ID                          TOTAL DEPO     (YYMMDDHH)             RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -

ALL      HIGH  1ST HIGH VALUE IS       0.00000  ON 83062006: AT (  746723.00,
4276346.00,   124.97,   124.97,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
```

```
                     DC = DISCCART
                     DP = DISCPOLR
↑ *** AERMOD - VERSION 09292 ***    *** Monsanto PCB Deposition, Vapor Deposition
                         ***        11/22/10
                                   *** Plume Depletion Off, Dw x 10^5
                       ***         11:22:51

                                   PAGE  21
 **MODELOPTs:  NonDFAULT CONC      DEPOS     DDEP      WDEP      FLAT and  ELEV

                                                               NODRYDPLT
NOWETDPLT

                                   *** THE SUMMARY OF MAXIMUM ANNUAL RESULTS
AVERAGED OVER   1 YEARS ***


                                    ** DEPO OF PCB      IN GRAMS/M**2/YR
                **


                       NETWORK
GROUP ID                          DRY DEPO                RECEPTOR  (XR, YR, ZELEV,
ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

ALL      1ST HIGHEST VALUE IS       0.00034 AT (  746723.00,  4276346.00,   124.97,
  124.97,    0.00)  DC
         2ND HIGHEST VALUE IS       0.00006 AT (  746423.00,  4277446.00,   124.50,
  124.50,    0.00)  DC
         3RD HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,
    0.00,    0.00)
         4TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,
    0.00,    0.00)
         5TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,
    0.00,    0.00)
         6TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,
    0.00,    0.00)
         7TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,
    0.00,    0.00)
         8TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,
    0.00,    0.00)
         9TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,
    0.00,    0.00)
        10TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,
    0.00,    0.00)


 *** RECEPTOR TYPES:  GC = GRIDCART
```

```
                     GP = GRIDPOLR
                     DC = DISCCART
                     DP = DISCPOLR
↑ *** AERMOD - VERSION 09292 ***    *** Monsanto PCB Deposition, Vapor Deposition
                         ***        11/22/10
                                   *** Plume Depletion Off, Dw x 10^5
                       ***         11:22:51

                                   PAGE  22
 **MODELOPTs:  NonDFAULT CONC      DEPOS     DDEP      WDEP      FLAT and  ELEV

                                                               NODRYDPLT
NOWETDPLT

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


                                    ** DEPO OF PCB      IN GRAMS/M**2
                **

                                                          DATE
                                        NETWORK
GROUP ID                              DRY DEPO     (YYMMDDHH)             RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

ALL      HIGH  1ST HIGH VALUE IS       0.00000  ON 83062006: AT (  746723.00,
4276346.00,   124.97,   124.97,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                     GP = GRIDPOLR
                     DC = DISCCART
                     DP = DISCPOLR
↑ *** AERMOD - VERSION 09292 ***    *** Monsanto PCB Deposition, Vapor Deposition
                         ***        11/22/10
                                   *** Plume Depletion Off, Dw x 10^5
                       ***         11:22:51

                                   PAGE  23
 **MODELOPTs:  NonDFAULT CONC      DEPOS     DDEP      WDEP      FLAT and  ELEV

                                                               NODRYDPLT
NOWETDPLT

                                   *** THE SUMMARY OF MAXIMUM ANNUAL RESULTS
AVERAGED OVER   1 YEARS ***
```

```
                                   ** DEPO OF PCB      IN GRAMS/M**2/YR
                **


                        NETWORK
GROUP ID                          WET DEPO                RECEPTOR  (XR, YR, ZELEV,
ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

ALL      1ST HIGHEST VALUE IS       0.00000 AT (  746723.00,  4276346.00,   124.97,
  124.97,    0.00)  DC
         2ND HIGHEST VALUE IS       0.00000 AT (  746423.00,  4277446.00,   124.50,
  124.50,    0.00)  DC
         3RD HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,
    0.00,    0.00)
         4TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,
    0.00,    0.00)
         5TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,
    0.00,    0.00)
         6TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,
    0.00,    0.00)
         7TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,
    0.00,    0.00)
         8TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,
    0.00,    0.00)
         9TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,
    0.00,    0.00)
        10TH HIGHEST VALUE IS       0.00000 AT (       0.00,        0.00,     0.00,
    0.00,    0.00)


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 09292 ***    *** Monsanto PCB Deposition, Vapor Deposition
                          ***        11/22/10
                                   *** Plume Depletion Off, Dw x 10^5
                        ***        11:22:51

                                   PAGE  24
 **MODELOPTs:  NonDFAULT CONC      DEPOS     DDEP      WDEP      FLAT and  ELEV

                                                                NODRYDPLT
NOWETDPLT

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

```
                                   ** DEPO OF PCB      IN GRAMS/M**2
                **

                                                          DATE
                                              NETWORK
GROUP ID                              WET DEPO     (YYMMDDHH)             RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -

ALL      HIGH  1ST HIGH VALUE IS       0.00000  ON 83072421: AT (  746723.00,
4276346.00,   124.97,   124.97,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↑ *** AERMOD - VERSION 09292 ***    *** Monsanto PCB Deposition, Vapor Deposition
                          ***        11/22/10
                                    *** Plume Depletion Off, Dw x 10^5
                        ***         11:22:51

                                    PAGE  25
 **MODELOPTs:  NonDFAULT CONC       DEPOS     DDEP      WDEP      FLAT and  ELEV

                                                                  NODRYDPLT
NOWETDPLT

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            0 Warning Message(s)
 A Total of          359 Informational Message(s)

 A Total of         8760 Hours Were Processed

 A Total of          241 Calm Hours Identified

 A Total of          118 Missing Hours Identified (  1.35 Percent)

 Met Data File Includes    1137.46 Millimeters (    44.782 Inches) of Precipitation


    ******** FATAL ERROR MESSAGES ********
                ***  NONE  ***
```

```
********   WARNING MESSAGES   ********
           ***  NONE  ***


***********************************
*** AERMOD Finishes Successfully ***
***********************************
```