

# TCE 1300 scfm AERMOD List File

Run Began on 1/11/2012 at 14:07:00

\*\* BREEZE AERMOD GIS Pro v5.1.7 - M:\Data\BREEZE\AERMOD5\Projects\C-400 RAWP 2\TCE Property Boundary 1300 flow.dat

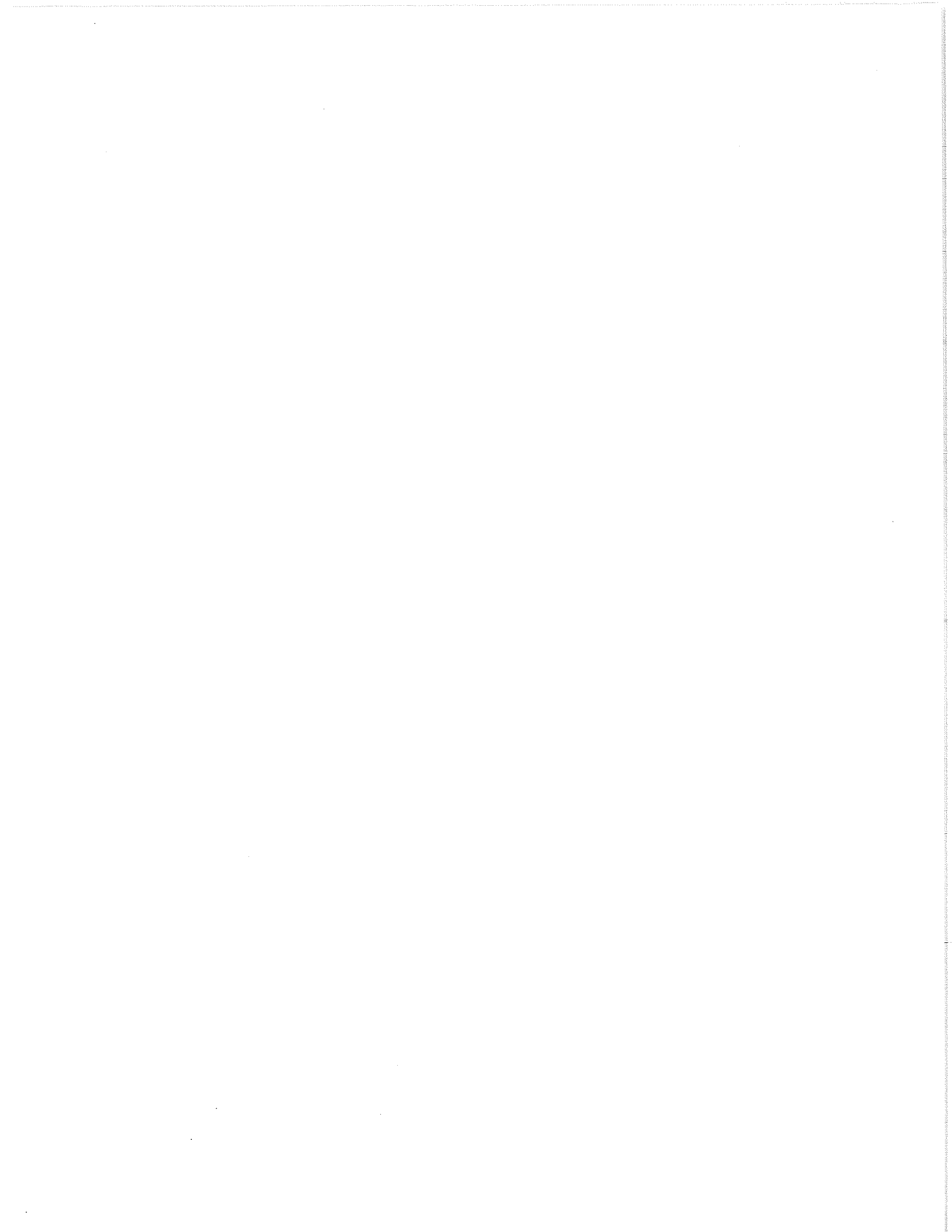
\*\* Trinity Consultants

\*\* PRIME  
\*\* CAVZONE

CO STARTING  
CO TITLEONE C-400 design run  
CO TITLETWO TCE  
CO MODELOPT DFAULT CONC  
CO AVERTIME ANNUAL  
CO POLLUTID TCE  
CO RUNORNOT RUN  
CO FINISHED

SO STARTING  
SO ELEVUNIT METERS  
SO LOCATION SRC1 POINT -1237.5 -551.6 0  
\*\* SRCDESCR C-400 Design Release  
SO SRCPARAM SRC1 6.677414E-02 6.096 294.26 18.91907 0.2032  
SO BUILDHGT SRC1 16.76 0.0 0.0 0.0 16.76 16.76  
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SO BUILDWID SRC1 90.73 0.0 0.0 0.0 154.89 146.68  
SO BUILDWID SRC1 134.09 122.09 108.3 96.86 92.72 106.4  
SO BUILDWID SRC1 122.79 137.54 157.69 145.48 128.85 108.3  
SO BUILDWID SRC1 90.73 0.0 0.0 0.0 154.89 146.68  
SO BUILDWID SRC1 134.09 122.09 108.3 96.86 92.72 106.4  
SO BUILDWID SRC1 122.79 137.54 157.69 145.48 128.85 108.3  
SO BUILDLN SRC1 167.48 0.0 0.0 0.0 137.54 148.24  
SO BUILDLN SRC1 157.18 166.52 170.8 169.89 163.82 164.37  
SO BUILDLN SRC1 162.09 154.89 150.02 161.94 168.93 170.8  
SO BUILDLN SRC1 167.48 0.0 0.0 0.0 137.54 148.24  
SO BUILDLN SRC1 157.18 166.52 170.8 169.89 163.82 164.37  
SO BUILDLN SRC1 162.09 154.89 150.02 161.94 168.93 170.8  
SO XBADJ SRC1 -9.4 0.0 0.0 0.0 6.65 18.19  
SO XBADJ SRC1 26.44 28.71 30.1 30.58 30.13 24.16  
SO XBADJ SRC1 15.77 6.91 -161.92 -168.65 -170.26 -166.7  
SO XBADJ SRC1 -158.07 0.0 0.0 0.0 -144.19 -166.43  
SO XBADJ SRC1 -183.62 -195.23 -200.9 -200.47 -193.95 -188.52  
SO XBADJ SRC1 -177.86 -161.8 11.9 6.72 1.33 -4.1  
SO YBADJ SRC1 44.24 0.0 0.0 0.0 -84.36 -71.18  
SO YBADJ SRC1 -55.88 -36.55 -15.15 3.89 18.23 36.51  
SO YBADJ SRC1 56.3 75.42 11.86 -3.57 -18.9 -33.65  
SO YBADJ SRC1 -44.24 0.0 0.0 0.0 84.36 71.18  
SO YBADJ SRC1 55.88 36.55 15.15 -3.89 -18.23 -36.51  
SO YBADJ SRC1 -56.3 -75.42 -11.86 3.58 18.9 33.65  
SO SRCGROUP ALL  
SO FINISHED

RE STARTING  
RE ELEVUNIT METERS  
\*\* ONSTGRD STA  
\*\* RE GRIDCART GRD1 STA 1  
\*\* \*\* GRDESCR 200m Grid  
\*\* RE GRIDCART GRD1 XYINC -4330.0 31 200.0 -3610.0 31 200.0  
\*\* RE GRIDCART GRD1 END  
\*\* ONSTGRD END  
\*\* OFFSTRCP GRD1  
RE DISCCART -4330.0 -3610.0 0 0  
RE DISCCART -4130.0 -3610.0 0 0  
RE DISCCART -3930.0 -3610.0 0 0  
RE DISCCART -3730.0 -3610.0 0 0  
RE DISCCART -3530.0 -3610.0 0 0  
RE DISCCART -3330.0 -3610.0 0 0  
RE DISCCART -3130.0 -3610.0 0 0  
RE DISCCART -2930.0 -3610.0 0 0  
RE DISCCART -2730.0 -3610.0 0 0  
RE DISCCART -2530.0 -3610.0 0 0  
RE DISCCART -2330.0 -3610.0 0 0  
RE DISCCART -2130.0 -3610.0 0 0  
RE DISCCART -1930.0 -3610.0 0 0  
RE DISCCART -1730.0 -3610.0 0 0  
RE DISCCART -1530.0 -3610.0 0 0







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RE DISCCART	-4330.0	-2410.0	0	0
RE DISCCART	-4130.0	-2410.0	0	0
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RE DISCCART	-3730.0	-2410.0	0	0
RE DISCCART	-3530.0	-2410.0	0	0
RE DISCCART	-3330.0	-2410.0	0	0
RE DISCCART	-3130.0	-2410.0	0	0
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RE DISCCART	-2730.0	-2410.0	0	0
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RE DISCCART	-3530.0	-1810.0	0	0
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RE DISCCART	-4330.0	-1010.0	0	0
RE DISCCART	-4130.0	-1010.0	0	0
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RE DISCCART	-3730.0	-1010.0	0	0
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RE DISCCART	1270.0	-1010.0	0	0
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RE DISCCART	-3730.0	-210.0	0	0
RE DISCCART	-3530.0	-210.0	0	0
RE DISCCART	-3330.0	-210.0	0	0
RE DISCCART	-3130.0	-210.0	0	0
RE DISCCART	870.0	-210.0	0	0
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RE DISCCART	1470.0	-210.0	0	0
RE DISCCART	1670.0	-210.0	0	0
RE DISCCART	-4330.0	-10.0	0	0
RE DISCCART	-4130.0	-10.0	0	0

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RE DISCCART	-3730.0	-10.0	0	0
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RE DISCCART	-3730.0	190.0	0	0
RE DISCCART	-3530.0	190.0	0	0
RE DISCCART	-3330.0	190.0	0	0
RE DISCCART	-3130.0	190.0	0	0
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RE DISCCART	-3530.0	1190.0	0	0
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RE DISCCART	-2530.0	1190.0	0	0
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RE DISCCART	-1730.0	1190.0	0	0
RE DISCCART	-1530.0	1190.0	0	0
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RE DISCCART	1670.0	1190.0	0	0
RE DISCCART	-4330.0	1390.0	0	0
RE DISCCART	-4130.0	1390.0	0	0
RE DISCCART	-3930.0	1390.0	0	0
RE DISCCART	-3730.0	1390.0	0	0
RE DISCCART	-3530.0	1390.0	0	0
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RE DISCCART	-3130.0	1590.0	0	0
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RE DISCCART	-4130.0	1790.0	0	0
RE DISCCART	-3930.0	1790.0	0	0
RE DISCCART	-3730.0	1790.0	0	0
RE DISCCART	-3530.0	1790.0	0	0
RE DISCCART	-3330.0	1790.0	0	0
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RE DISCCART	-2730.0	1790.0	0	0
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RE DISCCART	-2330.0	1790.0	0	0
RE DISCCART	-2130.0	1790.0	0	0
RE DISCCART	-1930.0	1790.0	0	0
RE DISCCART	-1730.0	1790.0	0	0
RE DISCCART	-1530.0	1790.0	0	0
RE DISCCART	-1330.0	1790.0	0	0
RE DISCCART	-1130.0	1790.0	0	0
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RE DISCCART	-530.0	1790.0	0	0
RE DISCCART	-330.0	1790.0	0	0
RE DISCCART	670.0	1790.0	0	0
RE DISCCART	870.0	1790.0	0	0
RE DISCCART	1070.0	1790.0	0	0

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RE DISCCART	1670.0	1790.0	0	0
RE DISCCART	-4330.0	1990.0	0	0
RE DISCCART	-4130.0	1990.0	0	0
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RE DISCCART	-3330.0	1990.0	0	0
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RE DISCCART	870.0	1990.0	0	0
RE DISCCART	1070.0	1990.0	0	0
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RE DISCCART	-4330.0	2190.0	0	0
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RE DISCCART	-3730.0	2190.0	0	0
RE DISCCART	-3530.0	2190.0	0	0
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RE DISCCART	-2730.0	2190.0	0	0
RE DISCCART	-2530.0	2190.0	0	0
RE DISCCART	-2330.0	2190.0	0	0
RE DISCCART	-2130.0	2190.0	0	0
RE DISCCART	-1930.0	2190.0	0	0
RE DISCCART	-1730.0	2190.0	0	0
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RE DISCCART	1070.0	2190.0	0	0
RE DISCCART	1270.0	2190.0	0	0
RE DISCCART	1470.0	2190.0	0	0
RE DISCCART	1670.0	2190.0	0	0
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RE DISCCART	1270.0	2390.0	0	0
RE DISCCART	1470.0	2390.0	0	0
RE DISCCART	1670.0	2390.0	0	0
** BOUNDARY	BND1			
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RE DISCCART	-1583.2	-964.8	0	0
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RE DISCCART	-1488.74	-1014.71	0	0
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RE DISCCART	-1697.2	-1546.1	0	0
RE DISCCART	-1651.6	-1574.6	0	0
RE DISCCART	-1683.22	-1669.47	0	0
RE DISCCART	-1714.3	-1762.7	0	0
RE DISCCART	-1621.44	-1799.8	0	0
RE DISCCART	-1528.57	-1836.9	0	0
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RE DISCCART	-594.7	954.99	0	0
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RE DISCCART	-763.24	787.34	0	0
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OU STARTING  
OU FINISHED

\*\* PROJECTN 0 104 7 -177 0 0.9996 500000 0  
\*\* MAPLAYER "C:\DATA\GRAPHICS\DOE PROP ROTATED1.JPG" "DOE PROP ROTATED1" 3 UNKNOWN UNKNOWN 1 0 0 0 0 0 0 1 0 0 0  
0 0 0 1 1 -5639.2 2

\*\* OUTFILE "M:\Data\BREEZE\AERMOD5\Projects\C-400 RAWP 2\TCE Property Boundary 1300 flow .lst"  
\*\* RAWFILE "M:\Data\BREEZE\AERMOD5\Projects\C-400 RAWP 2\TCE Property Boundary 1300 flow .RAW"  
\*\* RAWFMT 2  
\*\* AMPDATUM 0  
\*\* HILLBOUN 0 0 0 0

\*\* BUILDING BLD 0 0 0 16.764 13  
\*\* BUILDING IDN BLD1  
\*\* BUILDING NAM UDS Conversion Building  
\*\* BUILDING CRN -1699.0 -1377.7  
\*\* BUILDING CRN -1722.2 -1441.3  
\*\* BUILDING CRN -1713.2 -1445.1  
\*\* BUILDING CRN -1716.7 -1456.2  
\*\* BUILDING CRN -1702.4 -1462.5  
\*\* BUILDING CRN -1704.9 -1468.0  
\*\* BUILDING CRN -1697.9 -1470.5  
\*\* BUILDING CRN -1685.4 -1436.4  
\*\* BUILDING CRN -1680.2 -1438.2  
\*\* BUILDING CRN -1671.5 -1414.9  
\*\* BUILDING CRN -1677.1 -1413.2  
\*\* BUILDING CRN -1668.8 -1389.6  
\*\* BUILDING CRN -1699.7 -1378.1  
\*\* BUILDING BLD 0 0 0 16.764 4  
\*\* BUILDING IDN BLD2  
\*\* BUILDING NAM 333  
\*\* BUILDING CRN -1322.7 -1284.8  
\*\* BUILDING CRN -1046.3 -1384.8  
\*\* BUILDING CRN -929.6 -1072.3  
\*\* BUILDING CRN -1208.8 -970.9  
\*\* BUILDING BLD 0 0 0 16.764 4  
\*\* BUILDING IDN BLD3  
\*\* BUILDING NAM 331  
\*\* BUILDING CRN -1126.9 -900.1  
\*\* BUILDING CRN -899.2 -986.3  
\*\* BUILDING CRN -832.5 -800.1  
\*\* BUILDING CRN -1061.7 -718.2

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** BUILDING BLD 0 0 0 16.764 4
** BUILDING IDN BLD4
** BUILDING NAM 337
** BUILDING CRN -932.4 -389.0
** BUILDING CRN -618.5 -504.3
** BUILDING CRN -515.8 -225.1
** BUILDING CRN -831.0 -111.2
** BUILDING BLD 0 0 0 16.764 4
** BUILDING IDN BLD5
** BUILDING NAM 335
** BUILDING CRN -1174.1 -300.1
** BUILDING CRN -989.4 -369.6
** BUILDING CRN -904.6 -136.2
** BUILDING CRN -1089.4 -72.3
** BUILDING BLD 0 0 0 16.764 25
** BUILDING IDN BLD6
** BUILDING NAM 410
** BUILDING CRN -1189.3 -598.7
** BUILDING CRN -1156.0 -611.2
** BUILDING CRN -1150.4 -602.9
** BUILDING CRN -1108.8 -616.7
** BUILDING CRN -1104.6 -608.4
** BUILDING CRN -1068.5 -620.9
** BUILDING CRN -1060.2 -604.2
** BUILDING CRN -1051.8 -607.0
** BUILDING CRN -1036.6 -566.7
** BUILDING CRN -1047.7 -562.6
** BUILDING CRN -1046.3 -558.4
** BUILDING CRN -1075.5 -547.3
** BUILDING CRN -1078.2 -551.5
** BUILDING CRN -1101.8 -544.5
** BUILDING CRN -1100.5 -536.2
** BUILDING CRN -1117.1 -529.2
** BUILDING CRN -1121.3 -536.2
** BUILDING CRN -1142.1 -526.5
** BUILDING CRN -1140.7 -518.1
** BUILDING CRN -1157.4 -512.6
** BUILDING CRN -1162.9 -523.7
** BUILDING CRN -1178.2 -520.9
** BUILDING CRN -1181.0 -526.5
** BUILDING CRN -1193.5 -523.7
** BUILDING CRN -1207.4 -557.0
** BUILDING BLD 0 0 0 16.764 8
** BUILDING IDN BLD7
** BUILDING NAM 400
** BUILDING CRN -1325.3 -533.5
** BUILDING CRN -1268.4 -555.7
** BUILDING CRN -1264.2 -543.2
** BUILDING CRN -1257.3 -546.0
** BUILDING CRN -1217.0 -441.8
** BUILDING CRN -1225.3 -439.0
** BUILDING CRN -1217.0 -405.7
** BUILDING CRN -1272.6 -384.9
** BUILDING BLD 0 0 0 16.764 10
** BUILDING IDN BLD8
** BUILDING NAM 720
** BUILDING CRN -1826.7 -630.6
** BUILDING CRN -1608.7 -712.5
** BUILDING CRN -1565.6 -602.8
** BUILDING CRN -1608.7 -582.0
** BUILDING CRN -1603.1 -566.7
** BUILDING CRN -1736.5 -519.5
** BUILDING CRN -1740.6 -537.5
** BUILDING CRN -1783.7 -523.6
** BUILDING CRN -1810.1 -594.5
** BUILDING CRN -1815.6 -593.1

```

```

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

```

```

1 *** AERMOD - VERSION 04300 *** *** C-400 design run ***
01/11/12 *** TCE ***

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```

14:07:00
**MODELOPTs:
PAGE 1
CONC

```

DEFAULT ELEV

\*\*\* MODEL SETUP OPTIONS SUMMARY \*\*\*

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

-- DEPOSITION LOGIC --

\*\*Model Uses NO DRY DEPLETION. DDPLETE = F  
\*\*Model Uses NO WET DEPLETION. WDPLETE = F  
\*\*NO GAS DRY DEPOSITION Data Provided.

\*\*Model Uses RURAL Dispersion Only.

\*\*Model Uses Regulatory DEFAULT Options:  
1. Stack-tip Downwash.  
2. Model Accounts for ELEVated Terrain Effects.  
3. Use Calms Processing Routine.  
4. Use Missing Data Processing Routine.  
5. "Upper Bound" Values for Supersquat Buildings.  
6. No Exponential Decay

\*\*Model Assumes No FLAGPOLE Receptor Heights.

\*\*Model Calculates ANNUAL Averages Only

\*\*This Run Includes: 1 Source(s); 1 Source Group(s); and 895 Receptor(s)

\*\*The Model Assumes A Pollutant Type of: TCE

\*\*Model Set To Continue RUNNING After the Setup Testing.

\*\*Output Options Selected:  
Model Outputs Tables of ANNUAL Averages by Receptor

\*\*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) = 120.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0  
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.1000E+07  
Output Units = MICROGRAMS/M\*\*3

\*\*Approximate Storage Requirements of Model = 1.2 MB of RAM.

\*\*Input Runstream File: M:\DATA\BREEZE\AERMOD5\PROJECTS\C-400 RAWP 2\TCE PROPERTY BOUNDARY 1300 FLOW.DA

\*\*Output Print File: M:\DATA\BREEZE\AERMOD5\PROJECTS\C-400 RAWP 2\TCE PROPERTY BOUNDARY 1300 FLOW.LS

1 \*\*\* AERMOD - VERSION 04300 \*\*\* \*\*\* C-400 design run \*\*\*  
01/11/12 \*\*\* TCE \*\*\*

14:07:00

\*\*MODELOPTs:

PAGE 2

CONC DFAULT ELEV

\*\*\* POINT SOURCE DATA \*\*\*

URBAN SOURCE	EMISSION RATE	NUMBER	EMISSION RATE	BASE	STACK	STACK	STACK	STACK	BUILDING			
SOURCE	SCALAR VARY	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	TEMP.	EXIT VEL.	DIAMETER	EXISTS	
ID	CATS.			(METERS)	(METERS)	(METERS)	(METERS)	(DEG.K)	(M/SEC)	(METERS)		
SRC1		0	0.66774E-01	-1237.5	-551.6	0.0	6.10	294.26	18.92	0.20	YES	NO
1 *** AERMOD - VERSION 04300 ***				***	***	***	***	***	***	***	***	***
01/11/12				***	TCE							***

14:07:00

\*\*MODELOPTs:

PAGE 3

CONC DFAULT ELEV

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

GROUP ID SOURCE IDs

ALL SRC1 ,  
1 \*\*\* AERMOD - VERSION 04300 \*\*\* \*\*\* C-400 design run \*\*\*



01/11/12

\*\*\* TCE

\*\*\*

14:07:00

\*\*MODELOPTs:

PAGE 4

CONC

DFAULT ELEV

\*\*\* DIRECTION SPECIFIC BUILDING DIMENSIONS \*\*\*

SOURCE ID: SRC1

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	16.8,	90.7,	167.5,	-9.4,	44.2,	2	0.0,	0.0,	0.0,	0.0,	0.0,
3	0.0,	0.0,	0.0,	0.0,	0.0,	4	0.0,	0.0,	0.0,	0.0,	0.0,
5	16.8,	154.9,	137.5,	6.7,	-84.4,	6	16.8,	146.7,	148.2,	18.2,	-71.2,
7	16.8,	134.1,	157.2,	26.4,	-55.9,	8	16.8,	122.1,	166.5,	28.7,	-36.5,
9	16.8,	108.3,	170.8,	30.1,	-15.1,	10	16.8,	96.9,	169.9,	30.6,	3.9,
11	16.8,	92.7,	163.8,	30.1,	18.2,	12	16.8,	106.4,	164.4,	24.2,	36.5,
13	16.8,	122.8,	162.1,	15.8,	56.3,	14	16.8,	137.5,	154.9,	6.9,	75.4,
15	16.8,	157.7,	150.0,	-161.9,	11.9,	16	16.8,	145.5,	161.9,	-168.6,	-3.6,
17	16.8,	128.9,	168.9,	-170.3,	-18.9,	18	16.8,	108.3,	170.8,	-166.7,	-33.7,
19	16.8,	90.7,	167.5,	-158.1,	-44.2,	20	0.0,	0.0,	0.0,	0.0,	0.0,
21	0.0,	0.0,	0.0,	0.0,	0.0,	22	0.0,	0.0,	0.0,	0.0,	0.0,
23	16.8,	154.9,	137.5,	-144.2,	84.4,	24	16.8,	146.7,	148.2,	-166.4,	71.2,
25	16.8,	134.1,	157.2,	-183.6,	55.9,	26	16.8,	122.1,	166.5,	-195.2,	36.5,
27	16.8,	108.3,	170.8,	-200.9,	15.1,	28	16.8,	96.9,	169.9,	-200.5,	-3.9,
29	16.8,	92.7,	163.8,	-193.9,	-18.2,	30	16.8,	106.4,	164.4,	-188.5,	-36.5,
31	16.8,	122.8,	162.1,	-177.9,	-56.3,	32	16.8,	137.5,	154.9,	-161.8,	-75.4,
33	16.8,	157.7,	150.0,	11.9,	-11.9,	34	16.8,	145.5,	161.9,	6.7,	3.6,
35	16.8,	128.9,	168.9,	1.3,	18.9,	36	16.8,	108.3,	170.8,	-4.1,	33.7,

1 \*\*\* AERMOD - VERSION 04300 \*\*\* \*\*\* C-400 design run  
01/11/12

\*\*\*

\*\*\* TCE

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14:07:00

\*\*MODELOPTs:

PAGE 5

CONC

DFAULT ELEV

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

0.0,	(	-4330.0,	-3610.0,	0.0,	0.0,	0.0);	(	-4130.0,	-3610.0,	0.0,
0.0,		0.0);	□□							
0.0,	(	-3930.0,	-3610.0,	0.0,	0.0,	0.0);	(	-3730.0,	-3610.0,	0.0,
0.0,		0.0);								
0.0,	(	-3530.0,	-3610.0,	0.0,	0.0,	0.0);	(	-3330.0,	-3610.0,	0.0,
0.0,		0.0);								
0.0,	(	-3130.0,	-3610.0,	0.0,	0.0,	0.0);	(	-2930.0,	-3610.0,	0.0,
0.0,		0.0);								
0.0,	(	-2730.0,	-3610.0,	0.0,	0.0,	0.0);	(	-2530.0,	-3610.0,	0.0,
0.0,		0.0);								
0.0,	(	-2330.0,	-3610.0,	0.0,	0.0,	0.0);	(	-2130.0,	-3610.0,	0.0,
0.0,		0.0);								
0.0,	(	-1930.0,	-3610.0,	0.0,	0.0,	0.0);	(	-1730.0,	-3610.0,	0.0,
0.0,		0.0);								
0.0,	(	-1530.0,	-3610.0,	0.0,	0.0,	0.0);	(	-1330.0,	-3610.0,	0.0,
0.0,		0.0);								
0.0,	(	-1130.0,	-3610.0,	0.0,	0.0,	0.0);	(	-930.0,	-3610.0,	0.0,
0.0,		0.0);								
0.0,	(	-730.0,	-3610.0,	0.0,	0.0,	0.0);	(	-530.0,	-3610.0,	0.0,
0.0,		0.0);								
0.0,	(	-330.0,	-3610.0,	0.0,	0.0,	0.0);	(	-130.0,	-3610.0,	0.0,
0.0,		0.0);								
0.0,	(	70.0,	-3610.0,	0.0,	0.0,	0.0);	(	270.0,	-3610.0,	0.0,
0.0,		0.0);								
0.0,	(	470.0,	-3610.0,	0.0,	0.0,	0.0);	(	670.0,	-3610.0,	0.0,
0.0,		0.0);								
0.0,	(	870.0,	-3610.0,	0.0,	0.0,	0.0);	(	1070.0,	-3610.0,	0.0,
0.0,		0.0);								
0.0,	(	1270.0,	-3610.0,	0.0,	0.0,	0.0);	(	1470.0,	-3610.0,	0.0,
0.0,		0.0);								
0.0,	(	1670.0,	-3610.0,	0.0,	0.0,	0.0);	(	-4330.0,	-3410.0,	0.0,
0.0,		0.0);								
0.0,	(	-4130.0,	-3410.0,	0.0,	0.0,	0.0);	(	-3930.0,	-3410.0,	0.0,
0.0,		0.0);								
0.0,	(	-3730.0,	-3410.0,	0.0,	0.0,	0.0);	(	-3530.0,	-3410.0,	0.0,
0.0,		0.0);								
0.0,	(	-3330.0,	-3410.0,	0.0,	0.0,	0.0);	(	-3130.0,	-3410.0,	0.0,
0.0,		0.0);								
0.0,	(	-2930.0,	-3410.0,	0.0,	0.0,	0.0);	(	-2730.0,	-3410.0,	0.0,
0.0,		0.0);								
0.0,	(	-2530.0,	-3410.0,	0.0,	0.0,	0.0);	(	-2330.0,	-3410.0,	0.0,

0.0,	0.0);								
(	-2130.0,	-3410.0,	0.0,	0.0,	0.0);	(	-1930.0,	-3410.0,	0.0,
0.0,	0.0);								
(	-1730.0,	-3410.0,	0.0,	0.0,	0.0);	(	-1530.0,	-3410.0,	0.0,
0.0,	0.0);								
(	-1330.0,	-3410.0,	0.0,	0.0,	0.0);	(	-1130.0,	-3410.0,	0.0,
0.0,	0.0);								
(	-930.0,	-3410.0,	0.0,	0.0,	0.0);	(	-730.0,	-3410.0,	0.0,
0.0,	0.0);								
(	-530.0,	-3410.0,	0.0,	0.0,	0.0);	(	-330.0,	-3410.0,	0.0,
0.0,	0.0);								
(	-130.0,	-3410.0,	0.0,	0.0,	0.0);	(	70.0,	-3410.0,	0.0,
0.0,	0.0);								
(	270.0,	-3410.0,	0.0,	0.0,	0.0);	(	470.0,	-3410.0,	0.0,
0.0,	0.0);								
(	670.0,	-3410.0,	0.0,	0.0,	0.0);	(	870.0,	-3410.0,	0.0,
0.0,	0.0);								
(	1070.0,	-3410.0,	0.0,	0.0,	0.0);	(	1270.0,	-3410.0,	0.0,
0.0,	0.0);								
(	1470.0,	-3410.0,	0.0,	0.0,	0.0);	(	1670.0,	-3410.0,	0.0,
0.0,	0.0);								
(	-4330.0,	-3210.0,	0.0,	0.0,	0.0);	(	-4130.0,	-3210.0,	0.0,
0.0,	0.0);								
(	-3930.0,	-3210.0,	0.0,	0.0,	0.0);	(	-3730.0,	-3210.0,	0.0,
0.0,	0.0);								
(	-3530.0,	-3210.0,	0.0,	0.0,	0.0);	(	-3330.0,	-3210.0,	0.0,
0.0,	0.0);								
(	-3130.0,	-3210.0,	0.0,	0.0,	0.0);	(	-2930.0,	-3210.0,	0.0,
0.0,	0.0);								
(	-2730.0,	-3210.0,	0.0,	0.0,	0.0);	(	-2530.0,	-3210.0,	0.0,
0.0,	0.0);								
(	-2330.0,	-3210.0,	0.0,	0.0,	0.0);	(	-2130.0,	-3210.0,	0.0,
0.0,	0.0);								
(	-1930.0,	-3210.0,	0.0,	0.0,	0.0);	(	-1730.0,	-3210.0,	0.0,
0.0,	0.0);								
(	-1530.0,	-3210.0,	0.0,	0.0,	0.0);	(	-1330.0,	-3210.0,	0.0,
0.0,	0.0);								
(	-1130.0,	-3210.0,	0.0,	0.0,	0.0);	(	-930.0,	-3210.0,	0.0,
0.0,	0.0);								
(	-730.0,	-3210.0,	0.0,	0.0,	0.0);	(	-530.0,	-3210.0,	0.0,
0.0,	0.0);								
(	-330.0,	-3210.0,	0.0,	0.0,	0.0);	(	-130.0,	-3210.0,	0.0,
0.0,	0.0);								
(	70.0,	-3210.0,	0.0,	0.0,	0.0);	(	270.0,	-3210.0,	0.0,
0.0,	0.0);								
(	470.0,	-3210.0,	0.0,	0.0,	0.0);	(	670.0,	-3210.0,	0.0,
0.0,	0.0);								
(	870.0,	-3210.0,	0.0,	0.0,	0.0);	(	1070.0,	-3210.0,	0.0,
0.0,	0.0);								

1 \*\*\* AERMOD - VERSION 04300 \*\*\*  
01/11/12

\*\*\* C-400 design run  
\*\*\* TCE

\*\*\*  
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14:07:00  
\*\*MODELOPTs:  
PAGE 6  
CONC

DFault ELEV

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

(	1270.0,	-3210.0,	0.0,	0.0,	0.0);	(	1470.0,	-3210.0,	0.0,
0.0,	0.0);								
(	1670.0,	-3210.0,	0.0,	0.0,	0.0);	(	-4330.0,	-3010.0,	0.0,
0.0,	0.0);								
(	-4130.0,	-3010.0,	0.0,	0.0,	0.0);	(	-3930.0,	-3010.0,	0.0,
0.0,	0.0);								
(	-3730.0,	-3010.0,	0.0,	0.0,	0.0);	(	-3530.0,	-3010.0,	0.0,
0.0,	0.0);								
(	-3330.0,	-3010.0,	0.0,	0.0,	0.0);	(	-3130.0,	-3010.0,	0.0,
0.0,	0.0);								
(	-2930.0,	-3010.0,	0.0,	0.0,	0.0);	(	-2730.0,	-3010.0,	0.0,
0.0,	0.0);								
(	-2530.0,	-3010.0,	0.0,	0.0,	0.0);	(	-2330.0,	-3010.0,	0.0,
0.0,	0.0);								
(	-2130.0,	-3010.0,	0.0,	0.0,	0.0);	(	-1930.0,	-3010.0,	0.0,
0.0,	0.0);								
(	-1730.0,	-3010.0,	0.0,	0.0,	0.0);	(	-1530.0,	-3010.0,	0.0,
0.0,	0.0);								
(	-1330.0,	-3010.0,	0.0,	0.0,	0.0);	(	-1130.0,	-3010.0,	0.0,
0.0,	0.0);								
(	-930.0,	-3010.0,	0.0,	0.0,	0.0);	(	-730.0,	-3010.0,	0.0,
0.0,	0.0);								
(	-530.0,	-3010.0,	0.0,	0.0,	0.0);	(	-330.0,	-3010.0,	0.0,

```

0.0,      0.0);
(  -130.0, -3010.0,      0.0,      0.0,      0.0); (   70.0, -3010.0,      0.0,
0.0,      0.0);
(   270.0, -3010.0,      0.0,      0.0,      0.0); (   470.0, -3010.0,      0.0,
0.0,      0.0);
(   670.0, -3010.0,      0.0,      0.0,      0.0); (   870.0, -3010.0,      0.0,
0.0,      0.0);
(  1070.0, -3010.0,      0.0,      0.0,      0.0); (  1270.0, -3010.0,      0.0,
0.0,      0.0);
(  1470.0, -3010.0,      0.0,      0.0,      0.0); (  1670.0, -3010.0,      0.0,
0.0,      0.0);
( -4330.0, -2810.0,      0.0,      0.0,      0.0); ( -4130.0, -2810.0,      0.0,
0.0,      0.0);
( -3930.0, -2810.0,      0.0,      0.0,      0.0); ( -3730.0, -2810.0,      0.0,
0.0,      0.0);
( -3530.0, -2810.0,      0.0,      0.0,      0.0); ( -3330.0, -2810.0,      0.0,
0.0,      0.0);
( -3130.0, -2810.0,      0.0,      0.0,      0.0); ( -2930.0, -2810.0,      0.0,
0.0,      0.0);
( -2730.0, -2810.0,      0.0,      0.0,      0.0); ( -2530.0, -2810.0,      0.0,
0.0,      0.0);
( -2330.0, -2810.0,      0.0,      0.0,      0.0); ( -2130.0, -2810.0,      0.0,
0.0,      0.0);
( -1930.0, -2810.0,      0.0,      0.0,      0.0); ( -1730.0, -2810.0,      0.0,
0.0,      0.0);
( -1530.0, -2810.0,      0.0,      0.0,      0.0); ( -1330.0, -2810.0,      0.0,
0.0,      0.0);
( -1130.0, -2810.0,      0.0,      0.0,      0.0); (  -930.0, -2810.0,      0.0,
0.0,      0.0);
(  -730.0, -2810.0,      0.0,      0.0,      0.0); (  -530.0, -2810.0,      0.0,
0.0,      0.0);
(  -330.0, -2810.0,      0.0,      0.0,      0.0); (  -130.0, -2810.0,      0.0,
0.0,      0.0);
(    70.0, -2810.0,      0.0,      0.0,      0.0); (    270.0, -2810.0,      0.0,
0.0,      0.0);
(   470.0, -2810.0,      0.0,      0.0,      0.0); (   670.0, -2810.0,      0.0,
0.0,      0.0);
(   870.0, -2810.0,      0.0,      0.0,      0.0); (  1070.0, -2810.0,      0.0,
0.0,      0.0);
(  1270.0, -2810.0,      0.0,      0.0,      0.0); (  1470.0, -2810.0,      0.0,
0.0,      0.0);
(  1670.0, -2810.0,      0.0,      0.0,      0.0); ( -4330.0, -2610.0,      0.0,
0.0,      0.0);
( -4130.0, -2610.0,      0.0,      0.0,      0.0); ( -3930.0, -2610.0,      0.0,
0.0,      0.0);
( -3730.0, -2610.0,      0.0,      0.0,      0.0); ( -3530.0, -2610.0,      0.0,
0.0,      0.0);
( -3330.0, -2610.0,      0.0,      0.0,      0.0); ( -3130.0, -2610.0,      0.0,
0.0,      0.0);
( -2930.0, -2610.0,      0.0,      0.0,      0.0); ( -2730.0, -2610.0,      0.0,
0.0,      0.0);
( -2530.0, -2610.0,      0.0,      0.0,      0.0); ( -2330.0, -2610.0,      0.0,
0.0,      0.0);
( -2130.0, -2610.0,      0.0,      0.0,      0.0); ( -1930.0, -2610.0,      0.0,
0.0,      0.0);
( -1730.0, -2610.0,      0.0,      0.0,      0.0); ( -1530.0, -2610.0,      0.0,
0.0,      0.0);
( -1330.0, -2610.0,      0.0,      0.0,      0.0); ( -1130.0, -2610.0,      0.0,
0.0,      0.0);
(  -930.0, -2610.0,      0.0,      0.0,      0.0); (  -730.0, -2610.0,      0.0,
0.0,      0.0);
(  -530.0, -2610.0,      0.0,      0.0,      0.0); (  -330.0, -2610.0,      0.0,
0.0,      0.0);
(  -130.0, -2610.0,      0.0,      0.0,      0.0); (    70.0, -2610.0,      0.0,
0.0,      0.0);
(   270.0, -2610.0,      0.0,      0.0,      0.0); (   470.0, -2610.0,      0.0,
0.0,      0.0);

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1 *** AERMOD - VERSION 04300 ***      *** C-400 design run
01/11/12

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*** TCE

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14:07:00

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**MODELOPTs:

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PAGE 7

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CONC

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DFAULT ELEV

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

```

```

(   670.0, -2610.0,      0.0,      0.0,      0.0); (   870.0, -2610.0,      0.0,
0.0,      0.0);
(  1070.0, -2610.0,      0.0,      0.0,      0.0); (  1270.0, -2610.0,      0.0,
0.0,      0.0);
(  1470.0, -2610.0,      0.0,      0.0,      0.0); (  1670.0, -2610.0,      0.0,
0.0,      0.0);

```





( -4130.0,	-210.0,	0.0,	0.0,	0.0);	( -3930.0,	-210.0,	0.0,
0.0,	0.0);				( -3530.0,	-210.0,	0.0,
( -3730.0,	-210.0,	0.0,	0.0,	0.0);	( -3130.0,	-210.0,	0.0,
0.0,	0.0);				( 1070.0,	-210.0,	0.0,
( -3330.0,	-210.0,	0.0,	0.0,	0.0);	( 1470.0,	-210.0,	0.0,
0.0,	0.0);				( -4330.0,	-10.0,	0.0,
( 870.0,	-210.0,	0.0,	0.0,	0.0);	( -3930.0,	-10.0,	0.0,
0.0,	0.0);				( -3530.0,	-10.0,	0.0,
( 1270.0,	-210.0,	0.0,	0.0,	0.0);	( -3130.0,	-10.0,	0.0,
0.0,	0.0);						
( 1670.0,	-210.0,	0.0,	0.0,	0.0);			
0.0,	0.0);						
( -4130.0,	-10.0,	0.0,	0.0,	0.0);			
0.0,	0.0);						
( -3730.0,	-10.0,	0.0,	0.0,	0.0);			
0.0,	0.0);						
( -3330.0,	-10.0,	0.0,	0.0,	0.0);			
0.0,	0.0);						

1 \*\*\* AERMOD - VERSION 04300 \*\*\* \*\*\* C-400 design run

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01/11/12

\*\*\* TCE

\*\*\*

14:07:00

\*\*MODELOPTs:

PAGE 9

CONC

DEFAULT ELEV

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

( 1070.0,	-10.0,	0.0,	0.0,	0.0);	( 1270.0,	-10.0,	0.0,
0.0,	0.0);				( 1670.0,	-10.0,	0.0,
( 1470.0,	-10.0,	0.0,	0.0,	0.0);	( -4130.0,	190.0,	0.0,
0.0,	0.0);				( -3730.0,	190.0,	0.0,
( -4330.0,	190.0,	0.0,	0.0,	0.0);	( -3330.0,	190.0,	0.0,
0.0,	0.0);				( -2930.0,	190.0,	0.0,
( -3930.0,	190.0,	0.0,	0.0,	0.0);	( 1070.0,	190.0,	0.0,
0.0,	0.0);				( 1270.0,	190.0,	0.0,
( -3530.0,	190.0,	0.0,	0.0,	0.0);	( 1470.0,	190.0,	0.0,
0.0,	0.0);				( -4130.0,	390.0,	0.0,
( -3130.0,	190.0,	0.0,	0.0,	0.0);	( -3730.0,	390.0,	0.0,
0.0,	0.0);				( -3330.0,	390.0,	0.0,
( 1070.0,	190.0,	0.0,	0.0,	0.0);	( -2930.0,	390.0,	0.0,
0.0,	0.0);				( 1270.0,	390.0,	0.0,
( 1470.0,	190.0,	0.0,	0.0,	0.0);	( 1670.0,	190.0,	0.0,
0.0,	0.0);				( -4130.0,	390.0,	0.0,
( -4330.0,	390.0,	0.0,	0.0,	0.0);	( -3730.0,	390.0,	0.0,
0.0,	0.0);				( -3330.0,	390.0,	0.0,
( -3930.0,	390.0,	0.0,	0.0,	0.0);	( -2930.0,	390.0,	0.0,
0.0,	0.0);				( 1270.0,	390.0,	0.0,
( -3530.0,	390.0,	0.0,	0.0,	0.0);	( 1470.0,	390.0,	0.0,
0.0,	0.0);				( -4330.0,	590.0,	0.0,
( -3130.0,	390.0,	0.0,	0.0,	0.0);	( -3930.0,	590.0,	0.0,
0.0,	0.0);				( -3530.0,	590.0,	0.0,
( 1270.0,	390.0,	0.0,	0.0,	0.0);	( -3130.0,	590.0,	0.0,
0.0,	0.0);				( -2730.0,	590.0,	0.0,
( 1670.0,	390.0,	0.0,	0.0,	0.0);	( 1270.0,	590.0,	0.0,
0.0,	0.0);				( 1670.0,	590.0,	0.0,
( -4130.0,	590.0,	0.0,	0.0,	0.0);	( -4130.0,	790.0,	0.0,
0.0,	0.0);				( -3730.0,	790.0,	0.0,
( -3730.0,	590.0,	0.0,	0.0,	0.0);	( -3330.0,	790.0,	0.0,
0.0,	0.0);				( -2930.0,	790.0,	0.0,
( -3330.0,	590.0,	0.0,	0.0,	0.0);	( 1270.0,	590.0,	0.0,
0.0,	0.0);				( 1670.0,	590.0,	0.0,
( -2930.0,	590.0,	0.0,	0.0,	0.0);	( -4130.0,	790.0,	0.0,
0.0,	0.0);				( -3730.0,	790.0,	0.0,
( -2530.0,	590.0,	0.0,	0.0,	0.0);	( -3330.0,	790.0,	0.0,
0.0,	0.0);				( -2930.0,	790.0,	0.0,
( 1470.0,	590.0,	0.0,	0.0,	0.0);	( -2730.0,	590.0,	0.0,
0.0,	0.0);				( -2530.0,	790.0,	0.0,
( -4330.0,	790.0,	0.0,	0.0,	0.0);	( -730.0,	790.0,	0.0,
0.0,	0.0);				( 1470.0,	790.0,	0.0,
( -3930.0,	790.0,	0.0,	0.0,	0.0);			
0.0,	0.0);						
( -3530.0,	790.0,	0.0,	0.0,	0.0);			
0.0,	0.0);						
( -3130.0,	790.0,	0.0,	0.0,	0.0);			
0.0,	0.0);						
( -2730.0,	790.0,	0.0,	0.0,	0.0);			
0.0,	0.0);						
( -2330.0,	790.0,	0.0,	0.0,	0.0);			
0.0,	0.0);						
( 1270.0,	790.0,	0.0,	0.0,	0.0);			
0.0,	0.0);						

0.0,	(	1670.0,	790.0,	0.0,	0.0,	0.0);	(	-4330.0,	990.0,	0.0,
0.0,		0.0);					(	-3930.0,	990.0,	0.0,
0.0,	(	-4130.0,	990.0,	0.0,	0.0,	0.0);	(	-3530.0,	990.0,	0.0,
0.0,		0.0);					(	-3130.0,	990.0,	0.0,
0.0,	(	-3730.0,	990.0,	0.0,	0.0,	0.0);	(	-2730.0,	990.0,	0.0,
0.0,		0.0);					(	-2330.0,	990.0,	0.0,
0.0,	(	-3330.0,	990.0,	0.0,	0.0,	0.0);	(	-1130.0,	990.0,	0.0,
0.0,		0.0);					(	-730.0,	990.0,	0.0,
0.0,	(	-2930.0,	990.0,	0.0,	0.0,	0.0);	(	1670.0,	990.0,	0.0,
0.0,		0.0);					(	-4130.0,	1190.0,	0.0,
0.0,	(	-2530.0,	990.0,	0.0,	0.0,	0.0);	(	-3730.0,	1190.0,	0.0,
0.0,		0.0);					(	-3330.0,	1190.0,	0.0,
0.0,	(	-2130.0,	990.0,	0.0,	0.0,	0.0);	(	-2930.0,	1190.0,	0.0,
0.0,		0.0);					(	-2530.0,	1190.0,	0.0,
0.0,	(	-930.0,	990.0,	0.0,	0.0,	0.0);	(	-2130.0,	1190.0,	0.0,
0.0,		0.0);					(	-1530.0,	1190.0,	0.0,
0.0,	(	1470.0,	990.0,	0.0,	0.0,	0.0);	(	-1130.0,	1190.0,	0.0,
0.0,		0.0);					(	-730.0,	1190.0,	0.0,
0.0,	(	-4330.0,	1190.0,	0.0,	0.0,	0.0);	(	1470.0,	1190.0,	0.0,
0.0,		0.0);					(	-4330.0,	1390.0,	0.0,
0.0,	(	-3930.0,	1190.0,	0.0,	0.0,	0.0);	(	-3930.0,	1390.0,	0.0,
0.0,		0.0);					(	-3530.0,	1390.0,	0.0,
0.0,	(	-3530.0,	1190.0,	0.0,	0.0,	0.0);	(	-3130.0,	1390.0,	0.0,
0.0,		0.0);					(	-2730.0,	1390.0,	0.0,
0.0,	(	-3130.0,	1190.0,	0.0,	0.0,	0.0);	(	-2330.0,	1390.0,	0.0,
0.0,		0.0);					(	-1930.0,	1390.0,	0.0,
0.0,	(	-2730.0,	1190.0,	0.0,	0.0,	0.0);	(	-1530.0,	1390.0,	0.0,
0.0,		0.0);					(	-1130.0,	1390.0,	0.0,
0.0,	(	-2330.0,	1190.0,	0.0,	0.0,	0.0);	(	-730.0,	1390.0,	0.0,
0.0,		0.0);					(	1270.0,	1390.0,	0.0,
0.0,	(	-1730.0,	1190.0,	0.0,	0.0,	0.0);	(	1670.0,	1390.0,	0.0,
0.0,		0.0);					(	-4130.0,	1590.0,	0.0,
0.0,	(	-1330.0,	1190.0,	0.0,	0.0,	0.0);	(	-3730.0,	1590.0,	0.0,
0.0,		0.0);					(	-3330.0,	1590.0,	0.0,
0.0,	(	-930.0,	1190.0,	0.0,	0.0,	0.0);	(	-2930.0,	1590.0,	0.0,
0.0,		0.0);					(	-2530.0,	1590.0,	0.0,
0.0,	(	-530.0,	1390.0,	0.0,	0.0,	0.0);	(	-2130.0,	1590.0,	0.0,
0.0,		0.0);					(	-1730.0,	1590.0,	0.0,
0.0,	(	1470.0,	1390.0,	0.0,	0.0,	0.0);	(	-1330.0,	1590.0,	0.0,
0.0,		0.0);					(	-930.0,	1590.0,	0.0,
0.0,	(	-4330.0,	1590.0,	0.0,	0.0,	0.0);	(	-530.0,	1590.0,	0.0,
0.0,		0.0);					(	1470.0,	1590.0,	0.0,
0.0,	(	-3930.0,	1590.0,	0.0,	0.0,	0.0);	(	-4330.0,	1790.0,	0.0,
0.0,		0.0);					(	-3930.0,	1790.0,	0.0,
0.0,	(	-3530.0,	1590.0,	0.0,	0.0,	0.0);	(	-3530.0,	1790.0,	0.0,
0.0,		0.0);					(	-3130.0,	1790.0,	0.0,
0.0,	(	-3130.0,	1590.0,	0.0,	0.0,	0.0);	(	-2730.0,	1790.0,	0.0,
0.0,		0.0);					(	-2330.0,	1790.0,	0.0,
0.0,	(	-2730.0,	1590.0,	0.0,	0.0,	0.0);	(	-1930.0,	1790.0,	0.0,
0.0,		0.0);					(	-1530.0,	1790.0,	0.0,
0.0,	(	-2330.0,	1590.0,	0.0,	0.0,	0.0);	(	-1130.0,	1790.0,	0.0,
0.0,		0.0);					(	-730.0,	1790.0,	0.0,
0.0,	(	-1730.0,	1590.0,	0.0,	0.0,	0.0);	(	1270.0,	1790.0,	0.0,
0.0,		0.0);					(	1670.0,	1790.0,	0.0,
0.0,	(	-1330.0,	1590.0,	0.0,	0.0,	0.0);	(	-4130.0,	1990.0,	0.0,
0.0,		0.0);					(	-3730.0,	1990.0,	0.0,
0.0,	(	-930.0,	1590.0,	0.0,	0.0,	0.0);	(	-3330.0,	1990.0,	0.0,
0.0,		0.0);					(	-2930.0,	1990.0,	0.0,
0.0,	(	-530.0,	1790.0,	0.0,	0.0,	0.0);	(	-2530.0,	1990.0,	0.0,
0.0,		0.0);					(	-2130.0,	1990.0,	0.0,

1 \*\*\* AERMOD - VERSION 04300 \*\*\*      \*\*\* C-400 design run      \*\*\*  
01/11/12      \*\*\* TCE      \*\*\*

14:07:00  
\*\*MODELOPTs:  
PAGE 10  
CONC

DFAULT ELEV

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

0.0,	(	-530.0,	1190.0,	0.0,	0.0,	0.0);	(	1470.0,	1190.0,	0.0,
0.0,		0.0);					(	-4330.0,	1390.0,	0.0,
0.0,	(	1670.0,	1190.0,	0.0,	0.0,	0.0);	(	-3930.0,	1390.0,	0.0,
0.0,		0.0);					(	-3530.0,	1390.0,	0.0,
0.0,	(	-4130.0,	1390.0,	0.0,	0.0,	0.0);	(	-3130.0,	1390.0,	0.0,
0.0,		0.0);					(	-2730.0,	1390.0,	0.0,
0.0,	(	-3730.0,	1390.0,	0.0,	0.0,	0.0);	(	-2330.0,	1390.0,	0.0,
0.0,		0.0);					(	-1930.0,	1390.0,	0.0,
0.0,	(	-3330.0,	1390.0,	0.0,	0.0,	0.0);	(	-1530.0,	1390.0,	0.0,
0.0,		0.0);					(	-1130.0,	1390.0,	0.0,
0.0,	(	-2930.0,	1390.0,	0.0,	0.0,	0.0);	(	-730.0,	1390.0,	0.0,
0.0,		0.0);					(	1270.0,	1390.0,	0.0,
0.0,	(	-2530.0,	1390.0,	0.0,	0.0,	0.0);	(	1670.0,	1390.0,	0.0,
0.0,		0.0);					(	-4130.0,	1590.0,	0.0,
0.0,	(	-2130.0,	1390.0,	0.0,	0.0,	0.0);	(	-3730.0,	1590.0,	0.0,
0.0,		0.0);					(	-3330.0,	1590.0,	0.0,
0.0,	(	-1730.0,	1390.0,	0.0,	0.0,	0.0);	(	-2930.0,	1590.0,	0.0,
0.0,		0.0);					(	-2530.0,	1590.0,	0.0,
0.0,	(	-1330.0,	1390.0,	0.0,	0.0,	0.0);	(	-2130.0,	1590.0,	0.0,
0.0,		0.0);					(	-1730.0,	1590.0,	0.0,
0.0,	(	-930.0,	1390.0,	0.0,	0.0,	0.0);	(	-1330.0,	1590.0,	0.0,
0.0,		0.0);					(	-930.0,	1590.0,	0.0,
0.0,	(	-530.0,	1390.0,	0.0,	0.0,	0.0);	(	-530.0,	1590.0,	0.0,
0.0,		0.0);					(	1470.0,	1590.0,	0.0,
0.0,	(	1470.0,	1390.0,	0.0,	0.0,	0.0);	(	-4330.0,	1790.0,	0.0,
0.0,		0.0);					(	-3930.0,	1790.0,	0.0,
0.0,	(	-4330.0,	1590.0,	0.0,	0.0,	0.0);	(	-3530.0,	1790.0,	0.0,
0.0,		0.0);					(	-3130.0,	1790.0,	0.0,
0.0,	(	-3930.0,	1590.0,	0.0,	0.0,	0.0);	(	-2730.0,	1790.0,	0.0,
0.0,		0.0);					(	-2330.0,	1790.0,	0.0,
0.0,	(	-3530.0,	1590.0,	0.0,	0.0,	0.0);	(	-1930.0,	1790.0,	0.0,
0.0,		0.0);					(	-1530.0,	1790.0,	0.0,
0.0,	(	-3130.0,	1590.0,	0.0,	0.0,	0.0);	(	-1130.0,	1790.0,	0.0,
0.0,		0.0);					(	-730.0,	1790.0,	0.0,
0.0,	(	-2730.0,	1590.0,	0.0,	0.0,	0.0);	(	1270.0,	1790.0,	0.0,
0.0,		0.0);					(	1670.0,	1790.0,	0.0,

0.0,	( -2330.0,	1590.0,	0.0,	0.0,	0.0);	( -2130.0,	1590.0,	0.0,
0.0,	0.0);							
0.0,	( -1930.0,	1590.0,	0.0,	0.0,	0.0);	( -1730.0,	1590.0,	0.0,
0.0,	0.0);							
0.0,	( -1530.0,	1590.0,	0.0,	0.0,	0.0);	( -1330.0,	1590.0,	0.0,
0.0,	0.0);							
0.0,	( -1130.0,	1590.0,	0.0,	0.0,	0.0);	( -930.0,	1590.0,	0.0,
0.0,	0.0);							
0.0,	( -730.0,	1590.0,	0.0,	0.0,	0.0);	( -530.0,	1590.0,	0.0,
0.0,	0.0);							
0.0,	( 870.0,	1590.0,	0.0,	0.0,	0.0);	( 1070.0,	1590.0,	0.0,
0.0,	0.0);							
0.0,	( 1270.0,	1590.0,	0.0,	0.0,	0.0);	( 1470.0,	1590.0,	0.0,
0.0,	0.0);							
0.0,	( 1670.0,	1590.0,	0.0,	0.0,	0.0);	( -4330.0,	1790.0,	0.0,
0.0,	0.0);							
0.0,	( -4130.0,	1790.0,	0.0,	0.0,	0.0);	( -3930.0,	1790.0,	0.0,
0.0,	0.0);							
0.0,	( -3730.0,	1790.0,	0.0,	0.0,	0.0);	( -3530.0,	1790.0,	0.0,
0.0,	0.0);							
0.0,	( -3330.0,	1790.0,	0.0,	0.0,	0.0);	( -3130.0,	1790.0,	0.0,
0.0,	0.0);							
0.0,	( -2930.0,	1790.0,	0.0,	0.0,	0.0);	( -2730.0,	1790.0,	0.0,
0.0,	0.0);							
0.0,	( -2530.0,	1790.0,	0.0,	0.0,	0.0);	( -2330.0,	1790.0,	0.0,
0.0,	0.0);							
0.0,	( -2130.0,	1790.0,	0.0,	0.0,	0.0);	( -1930.0,	1790.0,	0.0,
0.0,	0.0);							
0.0,	( -1730.0,	1790.0,	0.0,	0.0,	0.0);	( -1530.0,	1790.0,	0.0,
0.0,	0.0);							
0.0,	( -1330.0,	1790.0,	0.0,	0.0,	0.0);	( -1130.0,	1790.0,	0.0,
0.0,	0.0);							
0.0,	( -930.0,	1790.0,	0.0,	0.0,	0.0);	( -730.0,	1790.0,	0.0,
0.0,	0.0);							
0.0,	( -530.0,	1790.0,	0.0,	0.0,	0.0);	( -330.0,	1790.0,	0.0,
0.0,	0.0);							
0.0,	( 670.0,	1790.0,	0.0,	0.0,	0.0);	( 870.0,	1790.0,	0.0,
0.0,	0.0);							
0.0,	( 1070.0,	1790.0,	0.0,	0.0,	0.0);	( 1270.0,	1790.0,	0.0,
0.0,	0.0);							
0.0,	( 1470.0,	1790.0,	0.0,	0.0,	0.0);	( 1670.0,	1790.0,	0.0,
0.0,	0.0);							
0.0,	( -4330.0,	1990.0,	0.0,	0.0,	0.0);	( -4130.0,	1990.0,	0.0,
0.0,	0.0);							
0.0,	( -3930.0,	1990.0,	0.0,	0.0,	0.0);	( -3730.0,	1990.0,	0.0,
0.0,	0.0);							
0.0,	( -3530.0,	1990.0,	0.0,	0.0,	0.0);	( -3330.0,	1990.0,	0.0,
0.0,	0.0);							
0.0,	( -3130.0,	1990.0,	0.0,	0.0,	0.0);	( -2930.0,	1990.0,	0.0,
0.0,	0.0);							
0.0,	( -2730.0,	1990.0,	0.0,	0.0,	0.0);	( -2530.0,	1990.0,	0.0,
0.0,	0.0);							
0.0,	( -2330.0,	1990.0,	0.0,	0.0,	0.0);	( -2130.0,	1990.0,	0.0,
0.0,	0.0);							

1 \*\*\* AERMOD - VERSION 04300 \*\*\*      \*\*\* C-400 design run      \*\*\*  
01/11/12      \*\*\* TCE      \*\*\*

14:07:00  
\*\*MODELOPTs:  
PAGE 11  
CONC

DEFAULT ELEV

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

0.0,	( -1930.0,	1990.0,	0.0,	0.0,	0.0);	( -1730.0,	1990.0,	0.0,
0.0,	0.0);							
0.0,	( -1530.0,	1990.0,	0.0,	0.0,	0.0);	( -1330.0,	1990.0,	0.0,
0.0,	0.0);							
0.0,	( -1130.0,	1990.0,	0.0,	0.0,	0.0);	( -930.0,	1990.0,	0.0,
0.0,	0.0);							
0.0,	( -730.0,	1990.0,	0.0,	0.0,	0.0);	( -530.0,	1990.0,	0.0,
0.0,	0.0);							
0.0,	( -330.0,	1990.0,	0.0,	0.0,	0.0);	( 270.0,	1990.0,	0.0,
0.0,	0.0);							
0.0,	( 470.0,	1990.0,	0.0,	0.0,	0.0);	( 670.0,	1990.0,	0.0,
0.0,	0.0);							
0.0,	( 870.0,	1990.0,	0.0,	0.0,	0.0);	( 1070.0,	1990.0,	0.0,
0.0,	0.0);							
0.0,	( 1270.0,	1990.0,	0.0,	0.0,	0.0);	( 1470.0,	1990.0,	0.0,
0.0,	0.0);							
0.0,	( 1670.0,	1990.0,	0.0,	0.0,	0.0);	( -4330.0,	2190.0,	0.0,
0.0,	0.0);							



0.0,	( -4130.0,	2190.0,	0.0,	0.0,	0.0);	( -3930.0,	2190.0,	0.0,
0.0,	0.0);							
0.0,	( -3730.0,	2190.0,	0.0,	0.0,	0.0);	( -3530.0,	2190.0,	0.0,
0.0,	0.0);							
0.0,	( -3330.0,	2190.0,	0.0,	0.0,	0.0);	( -3130.0,	2190.0,	0.0,
0.0,	0.0);							
0.0,	( -2930.0,	2190.0,	0.0,	0.0,	0.0);	( -2730.0,	2190.0,	0.0,
0.0,	0.0);							
0.0,	( -2530.0,	2190.0,	0.0,	0.0,	0.0);	( -2330.0,	2190.0,	0.0,
0.0,	0.0);							
0.0,	( -2130.0,	2190.0,	0.0,	0.0,	0.0);	( -1930.0,	2190.0,	0.0,
0.0,	0.0);							
0.0,	( -1730.0,	2190.0,	0.0,	0.0,	0.0);	( -1530.0,	2190.0,	0.0,
0.0,	0.0);							
0.0,	( -1330.0,	2190.0,	0.0,	0.0,	0.0);	( -1130.0,	2190.0,	0.0,
0.0,	0.0);							
0.0,	( -930.0,	2190.0,	0.0,	0.0,	0.0);	( -730.0,	2190.0,	0.0,
0.0,	0.0);							
0.0,	( -530.0,	2190.0,	0.0,	0.0,	0.0);	( -330.0,	2190.0,	0.0,
0.0,	0.0);							
0.0,	( -130.0,	2190.0,	0.0,	0.0,	0.0);	( 70.0,	2190.0,	0.0,
0.0,	0.0);							
0.0,	( 270.0,	2190.0,	0.0,	0.0,	0.0);	( 470.0,	2190.0,	0.0,
0.0,	0.0);							
0.0,	( 670.0,	2190.0,	0.0,	0.0,	0.0);	( 870.0,	2190.0,	0.0,
0.0,	0.0);							
0.0,	( 1070.0,	2190.0,	0.0,	0.0,	0.0);	( 1270.0,	2190.0,	0.0,
0.0,	0.0);							
0.0,	( 1470.0,	2190.0,	0.0,	0.0,	0.0);	( 1670.0,	2190.0,	0.0,
0.0,	0.0);							
0.0,	( -4330.0,	2390.0,	0.0,	0.0,	0.0);	( -4130.0,	2390.0,	0.0,
0.0,	0.0);							
0.0,	( -3930.0,	2390.0,	0.0,	0.0,	0.0);	( -3730.0,	2390.0,	0.0,
0.0,	0.0);							
0.0,	( -3530.0,	2390.0,	0.0,	0.0,	0.0);	( -3330.0,	2390.0,	0.0,
0.0,	0.0);							
0.0,	( -3130.0,	2390.0,	0.0,	0.0,	0.0);	( -2930.0,	2390.0,	0.0,
0.0,	0.0);							
0.0,	( -2730.0,	2390.0,	0.0,	0.0,	0.0);	( -2530.0,	2390.0,	0.0,
0.0,	0.0);							
0.0,	( -2330.0,	2390.0,	0.0,	0.0,	0.0);	( -2130.0,	2390.0,	0.0,
0.0,	0.0);							
0.0,	( -1930.0,	2390.0,	0.0,	0.0,	0.0);	( -1730.0,	2390.0,	0.0,
0.0,	0.0);							
0.0,	( -1530.0,	2390.0,	0.0,	0.0,	0.0);	( -1330.0,	2390.0,	0.0,
0.0,	0.0);							
0.0,	( -1130.0,	2390.0,	0.0,	0.0,	0.0);	( -930.0,	2390.0,	0.0,
0.0,	0.0);							
0.0,	( -730.0,	2390.0,	0.0,	0.0,	0.0);	( -530.0,	2390.0,	0.0,
0.0,	0.0);							
0.0,	( -330.0,	2390.0,	0.0,	0.0,	0.0);	( -130.0,	2390.0,	0.0,
0.0,	0.0);							
0.0,	( 70.0,	2390.0,	0.0,	0.0,	0.0);	( 270.0,	2390.0,	0.0,
0.0,	0.0);							
0.0,	( 470.0,	2390.0,	0.0,	0.0,	0.0);	( 670.0,	2390.0,	0.0,
0.0,	0.0);							
0.0,	( 870.0,	2390.0,	0.0,	0.0,	0.0);	( 1070.0,	2390.0,	0.0,
0.0,	0.0);							
0.0,	( 1270.0,	2390.0,	0.0,	0.0,	0.0);	( 1470.0,	2390.0,	0.0,
0.0,	0.0);							
0.0,	( 1670.0,	2390.0,	0.0,	0.0,	0.0);	( -2278.5,	-554.4,	0.0,
0.0,	0.0);							
0.0,	( -2185.1,	-590.2,	0.0,	0.0,	0.0);	( -2091.8,	-626.1,	0.0,
0.0,	0.0);							
0.0,	( -1998.4,	-662.0,	0.0,	0.0,	0.0);	( -1905.1,	-697.8,	0.0,
0.0,	0.0);							
0.0,	( -1811.7,	-733.7,	0.0,	0.0,	0.0);	( -1718.4,	-769.5,	0.0,
0.0,	0.0);							
0.0,	( -1625.0,	-805.4,	0.0,	0.0,	0.0);	( -1566.1,	-828.0,	0.0,
0.0,	0.0);							
0.0,	( -1596.4,	-923.3,	0.0,	0.0,	0.0);	( -1606.0,	-953.4,	0.0,
0.0,	0.0);							

1 \*\*\* AERMOD - VERSION 04300 \*\*\*      \*\*\* C-400 design run

01/11/12

\*\*\* TCE

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14:07:00

\*\*MODELOPTs:

PAGE 12

CONC

DEFAULT ELEV

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

0.0,	( -1583.2,	-964.8,	0.0,	0.0,	0.0);	( -1583.2,	-981.9,	0.0,
0.0,	0.0);							
0.0,	( -1488.7,	-1014.7,	0.0,	0.0,	0.0);	( -1452.2,	-1027.4,	0.0,
0.0,	0.0);							
0.0,	( -1487.3,	-1121.0,	0.0,	0.0,	0.0);	( -1522.4,	-1214.7,	0.0,
0.0,	0.0);							
0.0,	( -1554.7,	-1301.0,	0.0,	0.0,	0.0);	( -1606.0,	-1295.3,	0.0,
0.0,	0.0);							
0.0,	( -1617.4,	-1323.8,	0.0,	0.0,	0.0);	( -1697.2,	-1295.3,	0.0,
0.0,	0.0);							
0.0,	( -1733.6,	-1388.4,	0.0,	0.0,	0.0);	( -1748.5,	-1426.4,	0.0,
0.0,	0.0);							
0.0,	( -1754.2,	-1472.0,	0.0,	0.0,	0.0);	( -1771.3,	-1511.9,	0.0,
0.0,	0.0);							
0.0,	( -1697.2,	-1546.1,	0.0,	0.0,	0.0);	( -1651.6,	-1574.6,	0.0,
0.0,	0.0);							
0.0,	( -1683.2,	-1669.5,	0.0,	0.0,	0.0);	( -1714.3,	-1762.7,	0.0,
0.0,	0.0);							
0.0,	( -1621.4,	-1799.8,	0.0,	0.0,	0.0);	( -1528.6,	-1836.9,	0.0,
0.0,	0.0);							
0.0,	( -1514.8,	-1842.4,	0.0,	0.0,	0.0);	( -1548.4,	-1936.6,	0.0,
0.0,	0.0);							
0.0,	( -1571.8,	-2002.0,	0.0,	0.0,	0.0);	( -1477.8,	-2036.2,	0.0,
0.0,	0.0);							
0.0,	( -1383.8,	-2070.4,	0.0,	0.0,	0.0);	( -1289.9,	-2104.6,	0.0,
0.0,	0.0);							
0.0,	( -1258.4,	-2116.0,	0.0,	0.0,	0.0);	( -1224.8,	-2021.8,	0.0,
0.0,	0.0);							
0.0,	( -1201.4,	-1956.4,	0.0,	0.0,	0.0);	( -1107.5,	-1990.9,	0.0,
0.0,	0.0);							
0.0,	( -1013.7,	-2025.4,	0.0,	0.0,	0.0);	( -922.1,	-2059.0,	0.0,
0.0,	0.0);							
0.0,	( -887.9,	-1965.0,	0.0,	0.0,	0.0);	( -853.6,	-1871.1,	0.0,
0.0,	0.0);							
0.0,	( -819.4,	-1777.1,	0.0,	0.0,	0.0);	( -785.2,	-1683.2,	0.0,
0.0,	0.0);							
0.0,	( -750.9,	-1589.2,	0.0,	0.0,	0.0);	( -716.7,	-1495.3,	0.0,
0.0,	0.0);							
0.0,	( -682.4,	-1401.3,	0.0,	0.0,	0.0);	( -648.2,	-1307.3,	0.0,
0.0,	0.0);							
0.0,	( -614.0,	-1213.4,	0.0,	0.0,	0.0);	( -579.7,	-1119.4,	0.0,
0.0,	0.0);							
0.0,	( -545.5,	-1025.5,	0.0,	0.0,	0.0);	( -511.2,	-931.5,	0.0,
0.0,	0.0);							
0.0,	( -477.0,	-837.6,	0.0,	0.0,	0.0);	( -442.8,	-743.6,	0.0,
0.0,	0.0);							
0.0,	( -408.5,	-649.7,	0.0,	0.0,	0.0);	( -374.3,	-555.7,	0.0,
0.0,	0.0);							
0.0,	( -340.0,	-461.8,	0.0,	0.0,	0.0);	( -305.8,	-367.8,	0.0,
0.0,	0.0);							
0.0,	( -271.6,	-273.8,	0.0,	0.0,	0.0);	( -237.3,	-179.9,	0.0,
0.0,	0.0);							
0.0,	( -203.1,	-85.9,	0.0,	0.0,	0.0);	( -186.9,	-41.5,	0.0,
0.0,	0.0);							
0.0,	( -280.8,	-7.2,	0.0,	0.0,	0.0);	( -374.7,	27.2,	0.0,
0.0,	0.0);							
0.0,	( -468.6,	61.5,	0.0,	0.0,	0.0);	( -562.6,	95.9,	0.0,
0.0,	0.0);							
0.0,	( -656.5,	130.2,	0.0,	0.0,	0.0);	( -750.4,	164.6,	0.0,
0.0,	0.0);							
0.0,	( -844.3,	198.9,	0.0,	0.0,	0.0);	( -938.2,	233.3,	0.0,
0.0,	0.0);							
0.0,	( -1032.1,	267.6,	0.0,	0.0,	0.0);	( -1126.1,	302.0,	0.0,
0.0,	0.0);							
0.0,	( -1220.0,	336.4,	0.0,	0.0,	0.0);	( -1313.9,	370.7,	0.0,
0.0,	0.0);							
0.0,	( -1407.8,	405.0,	0.0,	0.0,	0.0);	( -1501.7,	439.4,	0.0,
0.0,	0.0);							
0.0,	( -1595.6,	473.8,	0.0,	0.0,	0.0);	( -1689.5,	508.1,	0.0,
0.0,	0.0);							
0.0,	( -1783.5,	542.5,	0.0,	0.0,	0.0);	( -1877.4,	576.8,	0.0,
0.0,	0.0);							
0.0,	( -1885.3,	579.7,	0.0,	0.0,	0.0);	( -1918.1,	485.2,	0.0,
0.0,	0.0);							
0.0,	( -1950.8,	390.7,	0.0,	0.0,	0.0);	( -1983.6,	296.2,	0.0,
0.0,	0.0);							
0.0,	( -2016.3,	201.8,	0.0,	0.0,	0.0);	( -2049.1,	107.3,	0.0,
0.0,	0.0);							
0.0,	( -2081.9,	12.8,	0.0,	0.0,	0.0);	( -2114.6,	-81.7,	0.0,
0.0,	0.0);							
0.0,	( -2147.4,	-176.2,	0.0,	0.0,	0.0);	( -2180.1,	-270.6,	0.0,
0.0,	0.0);							
0.0,	( -2212.9,	-365.1,	0.0,	0.0,	0.0);	( -2245.6,	-459.6,	0.0,
0.0,	0.0);							
0.0,	( -2278.4,	-554.1,	0.0,	0.0,	0.0);	( -2278.5,	-554.4,	0.0,

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0.0,      0.0);
(  -144.1, 2174.4, 0.0, 0.0, 0.0); (  -178.8, 2080.6, 0.0,
0.0,      0.0);
(  -213.4, 1986.8, 0.0, 0.0, 0.0); (  -248.1, 1893.0, 0.0,
0.0,      0.0);
1 *** AERMOD - VERSION 04300 *** *** C-400 design run ***
01/11/12
*** TCE ***

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14:07:00

\*\*MODELOPTs:

PAGE 13

CONC

DEFAULT ELEV

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

```

(  -282.8, 1799.2, 0.0, 0.0, 0.0); (  -317.4, 1705.4, 0.0,
0.0,      0.0);
(  -352.1, 1611.6, 0.0, 0.0, 0.0); (  -386.7, 1517.8, 0.0,
0.0,      0.0);
(  -421.4, 1424.0, 0.0, 0.0, 0.0); (  -456.0, 1330.2, 0.0,
0.0,      0.0);
(  -490.7, 1236.4, 0.0, 0.0, 0.0); (  -525.4, 1142.6, 0.0,
0.0,      0.0);
(  -560.0, 1048.8, 0.0, 0.0, 0.0); (  -594.7, 955.0, 0.0,
0.0,      0.0);
(  -629.4, 861.2, 0.0, 0.0, 0.0); (  -664.0, 767.4, 0.0,
0.0,      0.0);
(  -670.0, 751.2, 0.0, 0.0, 0.0); (  -763.2, 787.3, 0.0,
0.0,      0.0);
(  -856.5, 823.5, 0.0, 0.0, 0.0); (  -949.7, 859.6, 0.0,
0.0,      0.0);
( -1043.0, 895.8, 0.0, 0.0, 0.0); ( -1136.2, 931.9, 0.0,
0.0,      0.0);
( -1229.4, 968.1, 0.0, 0.0, 0.0); ( -1322.7, 1004.2, 0.0,
0.0,      0.0);
( -1415.9, 1040.4, 0.0, 0.0, 0.0); ( -1509.2, 1076.5, 0.0,
0.0,      0.0);
( -1602.4, 1112.7, 0.0, 0.0, 0.0); ( -1695.6, 1148.8, 0.0,
0.0,      0.0);
( -1788.9, 1184.9, 0.0, 0.0, 0.0); ( -1882.1, 1221.1, 0.0,
0.0,      0.0);
( -1975.3, 1257.2, 0.0, 0.0, 0.0); ( -2000.3, 1266.9, 0.0,
0.0,      0.0);
( -2032.4, 1172.2, 0.0, 0.0, 0.0); ( -2064.6, 1077.5, 0.0,
0.0,      0.0);
( -2096.7, 982.8, 0.0, 0.0, 0.0); ( -2128.8, 888.1, 0.0,
0.0,      0.0);
( -2160.9, 793.4, 0.0, 0.0, 0.0); ( -2193.0, 698.7, 0.0,
0.0,      0.0);
( -2196.2, 689.4, 0.0, 0.0, 0.0); ( -2277.8, 631.6, 0.0,
0.0,      0.0);
( -2359.4, 573.8, 0.0, 0.0, 0.0); ( -2441.0, 516.0, 0.0,
0.0,      0.0);
( -2443.7, 514.1, 0.0, 0.0, 0.0); ( -2539.3, 484.9, 0.0,
0.0,      0.0);
( -2635.0, 455.6, 0.0, 0.0, 0.0); ( -2730.6, 426.4, 0.0,
0.0,      0.0);
( -2815.0, 400.6, 0.0, 0.0, 0.0); ( -2858.5, 310.6, 0.0,
0.0,      0.0);
( -2902.1, 220.5, 0.0, 0.0, 0.0); ( -2945.6, 130.5, 0.0,
0.0,      0.0);
( -2989.1, 40.5, 0.0, 0.0, 0.0); ( -3032.6, -49.5, 0.0,
0.0,      0.0);
( -3076.2, -139.6, 0.0, 0.0, 0.0); ( -3119.7, -229.6, 0.0,
0.0,      0.0);
( -3163.2, -319.6, 0.0, 0.0, 0.0); ( -3206.8, -409.7, 0.0,
0.0,      0.0);
( -3250.3, -499.7, 0.0, 0.0, 0.0); ( -3268.7, -537.8, 0.0,
0.0,      0.0);
( -3344.6, -602.9, 0.0, 0.0, 0.0); ( -3413.1, -661.6, 0.0,
0.0,      0.0);
( -3465.3, -746.9, 0.0, 0.0, 0.0); ( -3517.4, -832.2, 0.0,
0.0,      0.0);
( -3526.6, -847.2, 0.0, 0.0, 0.0); ( -3497.9, -943.0, 0.0,
0.0,      0.0);
( -3469.1, -1038.8, 0.0, 0.0, 0.0); ( -3464.7, -1053.4, 0.0,
0.0,      0.0);
( -3481.1, -1152.0, 0.0, 0.0, 0.0); ( -3485.3, -1177.2, 0.0,
0.0,      0.0);
( -3445.3, -1268.9, 0.0, 0.0, 0.0); ( -3405.4, -1360.5, 0.0,
0.0,      0.0);
( -3365.4, -1452.2, 0.0, 0.0, 0.0); ( -3325.5, -1543.9, 0.0,

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0.0,	0.0);								
(	-3285.5,	-1635.6,	0.0,	0.0,	0.0);	(	-3245.6,	-1727.2,	0.0,
0.0,	0.0);								
(	-3205.6,	-1818.9,	0.0,	0.0,	0.0);	(	-3165.7,	-1910.6,	0.0,
0.0,	0.0);								
(	-3134.7,	-1981.6,	0.0,	0.0,	0.0);	(	-3039.7,	-2012.9,	0.0,
0.0,	0.0);								
(	-2944.8,	-2044.3,	0.0,	0.0,	0.0);	(	-2849.8,	-2075.6,	0.0,
0.0,	0.0);								
(	-2754.9,	-2107.0,	0.0,	0.0,	0.0);	(	-2659.9,	-2138.4,	0.0,
0.0,	0.0);								
(	-2564.9,	-2169.7,	0.0,	0.0,	0.0);	(	-2470.0,	-2201.1,	0.0,
0.0,	0.0);								
(	-2375.0,	-2232.4,	0.0,	0.0,	0.0);	(	-2280.1,	-2263.8,	0.0,
0.0,	0.0);								
(	-2185.1,	-2295.1,	0.0,	0.0,	0.0);	(	-2090.2,	-2326.5,	0.0,
0.0,	0.0);								
(	-2041.6,	-2342.5,	0.0,	0.0,	0.0);	(	-1941.7,	-2338.7,	0.0,
0.0,	0.0);								
(	-1841.8,	-2334.8,	0.0,	0.0,	0.0);	(	-1741.8,	-2331.0,	0.0,
0.0,	0.0);								
(	-1641.9,	-2327.1,	0.0,	0.0,	0.0);	(	-1542.0,	-2323.3,	0.0,
0.0,	0.0);								

1 \*\*\* AERMOD - VERSION 04300 \*\*\*      \*\*\* C-400 design run      \*\*\*  
01/11/12

\*\*\* TCE      \*\*\*

14:07:00

\*\*MODELOPTs:

PAGE 14

CONC

DEFAULT ELEV

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

(	-1442.0,	-2319.5,	0.0,	0.0,	0.0);	(	-1342.1,	-2315.6,	0.0,
0.0,	0.0);								
(	-1242.2,	-2311.8,	0.0,	0.0,	0.0);	(	-1237.2,	-2311.6,	0.0,
0.0,	0.0);								
(	-1143.3,	-2346.0,	0.0,	0.0,	0.0);	(	-1049.4,	-2380.4,	0.0,
0.0,	0.0);								
(	-955.5,	-2414.8,	0.0,	0.0,	0.0);	(	-861.6,	-2449.1,	0.0,
0.0,	0.0);								
(	-767.7,	-2483.5,	0.0,	0.0,	0.0);	(	-673.8,	-2517.9,	0.0,
0.0,	0.0);								
(	-579.9,	-2552.3,	0.0,	0.0,	0.0);	(	-505.0,	-2579.7,	0.0,
0.0,	0.0);								
(	-471.7,	-2485.4,	0.0,	0.0,	0.0);	(	-438.4,	-2391.1,	0.0,
0.0,	0.0);								
(	-405.2,	-2296.8,	0.0,	0.0,	0.0);	(	-371.9,	-2202.5,	0.0,
0.0,	0.0);								
(	-338.6,	-2108.2,	0.0,	0.0,	0.0);	(	-305.3,	-2013.9,	0.0,
0.0,	0.0);								
(	-272.0,	-1919.6,	0.0,	0.0,	0.0);	(	-257.5,	-1878.4,	0.0,
0.0,	0.0);								
(	-169.0,	-1924.9,	0.0,	0.0,	0.0);	(	-80.4,	-1971.4,	0.0,
0.0,	0.0);								
(	8.1,	-2017.9,	0.0,	0.0,	0.0);	(	96.7,	-2064.4,	0.0,
0.0,	0.0);								
(	155.0,	-2095.0,	0.0,	0.0,	0.0);	(	195.6,	-2003.6,	0.0,
0.0,	0.0);								
(	236.2,	-1912.2,	0.0,	0.0,	0.0);	(	276.8,	-1820.9,	0.0,
0.0,	0.0);								
(	317.5,	-1729.5,	0.0,	0.0,	0.0);	(	358.1,	-1638.1,	0.0,
0.0,	0.0);								
(	398.7,	-1546.7,	0.0,	0.0,	0.0);	(	439.3,	-1455.3,	0.0,
0.0,	0.0);								
(	479.9,	-1363.9,	0.0,	0.0,	0.0);	(	485.0,	-1352.5,	0.0,
0.0,	0.0);								
(	485.0,	-1252.5,	0.0,	0.0,	0.0);	(	485.0,	-1187.5,	0.0,
0.0,	0.0);								
(	521.7,	-1094.5,	0.0,	0.0,	0.0);	(	558.3,	-1001.4,	0.0,
0.0,	0.0);								
(	595.0,	-908.4,	0.0,	0.0,	0.0);	(	619.1,	-847.2,	0.0,
0.0,	0.0);								
(	707.3,	-894.3,	0.0,	0.0,	0.0);	(	773.8,	-929.7,	0.0,
0.0,	0.0);								
(	819.6,	-840.8,	0.0,	0.0,	0.0);	(	865.4,	-751.9,	0.0,
0.0,	0.0);								
(	911.2,	-663.0,	0.0,	0.0,	0.0);	(	949.1,	-589.4,	0.0,
0.0,	0.0);								
(	884.7,	-512.9,	0.0,	0.0,	0.0);	(	820.3,	-436.4,	0.0,
0.0,	0.0);								
(	784.1,	-393.4,	0.0,	0.0,	0.0);	(	825.5,	-302.4,	0.0,



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

Surface file: C:\PROGRAM FILES\BREEZE\AERMOD5\PADUCAH WINDFILES\PAHBNA03.S  
 Profile file: C:\PROGRAM FILES\BREEZE\AERMOD5\PADUCAH WINDFILES\PAHBNA03.P  
 Surface format: (3(I2,1X),I3,1X,I2,1X,F6.1,1X,3(F6.3,1X),2(F5.0,1X),F8.1,1X,F6.3,1X,2(F6.2,1X),F7.2,1X,F5.0,3  
 (1X,F6.1))  
 Profile format: (4(I2,1X),F6.1,1X,I1,1X,F5.0,1X,F7.2,1X,F7.2,1X,F6.1,1X,F7.2)  
 Surface station no.: 72435 Upper air station no.: 13897  
 Name: UNKNOWN Name: UNKNOWN  
 Year: 2003 Year: 2003

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN	ALBEDO	REF	WS	WD	HT	REF	TA	
03	01	01	0	01	-37.6	0.668	-9.000	-9.000	-999.	1257.	701.0	0.24	2.29	1.00	6.20	21.	9.1	277.0				
2.0																						
03	01	01	1	02	-34.5	0.612	-9.000	-9.000	-999.	1107.	588.6	0.24	2.29	1.00	5.70	18.	9.1	277.0				
2.0																						
03	01	01	1	03	-27.5	0.488	-9.000	-9.000	-999.	798.	374.4	0.24	2.29	1.00	4.60	14.	9.1	277.0				
2.0																						
03	01	01	1	04	-27.5	0.488	-9.000	-9.000	-999.	785.	374.4	0.24	2.29	1.00	4.60	13.	9.1	277.0				
2.0																						
03	01	01	1	05	-27.5	0.488	-9.000	-9.000	-999.	785.	374.4	0.24	2.29	1.00	4.60	13.	9.1	277.0				
2.0																						
03	01	01	1	06	-30.7	0.545	-9.000	-9.000	-999.	924.	466.1	0.24	2.29	1.00	5.10	2.	9.1	277.0				
2.0																						
03	01	01	1	07	-34.6	0.612	-9.000	-9.000	-999.	1101.	586.2	0.24	2.29	1.00	5.70	15.	9.1	275.9				
2.0																						
03	01	01	1	08	-26.7	0.489	-9.000	-9.000	-999.	799.	387.9	0.24	2.29	0.70	4.60	3.	9.1	275.9				
2.0																						
03	01	01	1	09	-8.7	0.622	-9.000	-9.000	-999.	1128.	2440.7	0.24	2.29	0.44	5.70	17.	9.1	275.9				
2.0																						
03	01	01	1	10	9.2	0.454	0.197	0.007	29.	728.	-900.7	0.24	2.29	0.35	4.10	21.	9.1	277.0				
2.0																						
03	01	01	1	11	19.5	0.631	0.368	0.005	90.	1151.	-1140.1	0.24	2.29	0.32	5.70	34.	9.1	277.0				
2.0																						
03	01	01	1	12	24.8	0.409	0.502	0.008	180.	644.	-244.2	0.24	2.29	0.31	3.60	6.	9.1	277.5				
2.0																						
03	01	01	1	13	24.5	0.514	0.582	0.005	285.	847.	-490.7	0.24	2.29	0.31	4.60	23.	9.1	277.0				
2.0																						
03	01	01	1	14	19.1	0.566	0.583	0.005	367.	978.	-840.9	0.24	2.29	0.32	5.10	29.	9.1	277.0				
2.0																						
03	01	01	1	15	8.6	0.402	0.461	0.008	403.	606.	-668.9	0.24	2.28	0.35	3.60	352.	9.1	277.0				
2.0																						
03	01	01	1	16	-7.3	0.445	-9.000	-9.000	-999.	681.	1065.3	0.24	2.29	0.45	4.10	24.	9.1	277.0				
2.0																						
03	01	01	1	17	-20.7	0.374	-9.000	-9.000	-999.	530.	225.3	0.24	2.29	0.73	3.60	41.	9.1	277.0				
2.0																						
03	01	01	1	18	-14.4	0.255	-9.000	-9.000	-999.	303.	102.1	0.24	2.28	1.00	2.60	347.	9.1	277.0				
2.0																						
03	01	01	1	19	-17.8	0.315	-9.000	-9.000	-999.	406.	155.6	0.24	2.29	1.00	3.10	34.	9.1	277.0				
2.0																						
03	01	01	1	20	-17.8	0.315	-9.000	-9.000	-999.	406.	155.6	0.24	2.29	1.00	3.10	27.	9.1	277.0				
2.0																						
03	01	01	1	21	-17.8	0.315	-9.000	-9.000	-999.	406.	155.6	0.24	2.29	1.00	3.10	60.	9.1	277.0				
2.0																						
03	01	01	1	22	-17.9	0.315	-9.000	-9.000	-999.	406.	154.9	0.24	2.29	1.00	3.10	52.	9.1	275.9				
2.0																						
03	01	01	1	23	-17.9	0.315	-9.000	-9.000	-999.	406.	154.9	0.24	2.29	1.00	3.10	70.	9.1	275.9				
2.0																						
03	01	01	1	24	-17.9	0.315	-9.000	-9.000	-999.	406.	155.2	0.24	2.29	1.00	3.10	70.	9.1	276.4				
2.0																						

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB	TMP	sigmaA	sigmaW	sigmaV
03	01	01	01	9.1	1	21.	6.20	277.1	99.0	-99.00	-99.00	

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

1 \*\*\* AERMOD - VERSION 04300 \*\*\* \*\*\* C-400 design run \*\*\*

01/11/12

\*\*\* TCE \*\*\*

14:07:00

\*\*MODELOPTs:

PAGE 17

CONC

DEFAULT ELEV

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): SRC1

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF TCE IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-4330.00	-3610.00	0.00859	-4130.00	-3610.00	0.00839
□□□□□□□□□□					
-3930.00	-3610.00	0.00848	-3730.00	-3610.00	0.00888
-3530.00	-3610.00	0.00938	-3330.00	-3610.00	0.00950
-3130.00	-3610.00	0.00929	-2930.00	-3610.00	0.00941
-2730.00	-3610.00	0.01004	-2530.00	-3610.00	0.01062
-2330.00	-3610.00	0.01074	-2130.00	-3610.00	0.01132
-1930.00	-3610.00	0.01249	-1730.00	-3610.00	0.01298
-1530.00	-3610.00	0.01210	-1330.00	-3610.00	0.01216
-1130.00	-3610.00	0.01304	-930.00	-3610.00	0.01275
-730.00	-3610.00	0.01396	-530.00	-3610.00	0.01526
-330.00	-3610.00	0.01188	-130.00	-3610.00	0.01015
70.00	-3610.00	0.01028	270.00	-3610.00	0.00818
470.00	-3610.00	0.00753	670.00	-3610.00	0.00679
870.00	-3610.00	0.00637	1070.00	-3610.00	0.00679
1270.00	-3610.00	0.00636	1470.00	-3610.00	0.00595
1670.00	-3610.00	0.00576	-4330.00	-3410.00	0.00966
-4130.00	-3410.00	0.00949	-3930.00	-3410.00	0.00928
-3730.00	-3410.00	0.00947	-3530.00	-3410.00	0.01002
-3330.00	-3410.00	0.01053	-3130.00	-3410.00	0.01052
-2930.00	-3410.00	0.01035	-2730.00	-3410.00	0.01079
-2530.00	-3410.00	0.01158	-2330.00	-3410.00	0.01196
-2130.00	-3410.00	0.01214	-1930.00	-3410.00	0.01364
-1730.00	-3410.00	0.01442	-1530.00	-3410.00	0.01351
-1330.00	-3410.00	0.01346	-1130.00	-3410.00	0.01451
-930.00	-3410.00	0.01396	-730.00	-3410.00	0.01580
-530.00	-3410.00	0.01679	-330.00	-3410.00	0.01172
-130.00	-3410.00	0.01183	70.00	-3410.00	0.01009
270.00	-3410.00	0.00854	470.00	-3410.00	0.00809
670.00	-3410.00	0.00700	870.00	-3410.00	0.00752
1070.00	-3410.00	0.00720	1270.00	-3410.00	0.00659
1470.00	-3410.00	0.00645	1670.00	-3410.00	0.00590
-4330.00	-3210.00	0.01003	-4130.00	-3210.00	0.01076
-3930.00	-3210.00	0.01053	-3730.00	-3210.00	0.01033
-3530.00	-3210.00	0.01069	-3330.00	-3210.00	0.01139
-3130.00	-3210.00	0.01187	-2930.00	-3210.00	0.01172
-2730.00	-3210.00	0.01177	-2530.00	-3210.00	0.01258
-2330.00	-3210.00	0.01333	-2130.00	-3210.00	0.01332
-1930.00	-3210.00	0.01492	-1730.00	-3210.00	0.01604
-1530.00	-3210.00	0.01525	-1330.00	-3210.00	0.01497
-1130.00	-3210.00	0.01626	-930.00	-3210.00	0.01549

1 \*\*\* AERMOD - VERSION 04300 \*\*\*  
01/11/12

\*\*\* C-400 design run

\*\*\*

\*\*\* TCE

\*\*\*

14:07:00  
\*\*MODELOPTs:  
PAGE 18  
CONC

DEFAULT ELEV

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): SRC1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF TCE IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-730.00	-3210.00	0.01793	-530.00	-3210.00	0.01763
-330.00	-3210.00	0.01206	-130.00	-3210.00	0.01319
70.00	-3210.00	0.00999	270.00	-3210.00	0.00944
470.00	-3210.00	0.00814	670.00	-3210.00	0.00819
870.00	-3210.00	0.00822	1070.00	-3210.00	0.00738
1270.00	-3210.00	0.00725	1470.00	-3210.00	0.00662
1670.00	-3210.00	0.00584	-4330.00	-3010.00	0.00906
-4130.00	-3010.00	0.01101	-3930.00	-3010.00	0.01203
-3730.00	-3010.00	0.01175	-3530.00	-3010.00	0.01157
-3330.00	-3010.00	0.01218	-3130.00	-3010.00	0.01307
-2930.00	-3010.00	0.01344	-2730.00	-3010.00	0.01325
-2530.00	-3010.00	0.01372	-2330.00	-3010.00	0.01479
-2130.00	-3010.00	0.01508	-1930.00	-3010.00	0.01619
-1730.00	-3010.00	0.01778	-1530.00	-3010.00	0.01735
-1330.00	-3010.00	0.01672	-1130.00	-3010.00	0.01826
-930.00	-3010.00	0.01744	-730.00	-3010.00	0.02062
-530.00	-3010.00	0.01722	-330.00	-3010.00	0.01387
-130.00	-3010.00	0.01297	70.00	-3010.00	0.01068
270.00	-3010.00	0.01002	470.00	-3010.00	0.00882
670.00	-3010.00	0.00937	870.00	-3010.00	0.00831

1070.00	-3010.00	0.00813	1270.00	-3010.00	0.00747
1470.00	-3010.00	0.00652	1670.00	-3010.00	0.00646
-4330.00	-2810.00	0.00754	-4130.00	-2810.00	0.00968
-3930.00	-2810.00	0.01208	-3730.00	-2810.00	0.01353
-3530.00	-2810.00	0.01320	-3330.00	-2810.00	0.01308
-3130.00	-2810.00	0.01407	-2930.00	-2810.00	0.01514
-2730.00	-2810.00	0.01534	-2530.00	-2810.00	0.01530
-2330.00	-2810.00	0.01635	-2130.00	-2810.00	0.01729
-1930.00	-2810.00	0.01753	-1730.00	-2810.00	0.01982
-1530.00	-2810.00	0.01993	-1330.00	-2810.00	0.01881
-1130.00	-2810.00	0.02059	-930.00	-2810.00	0.01981
-730.00	-2810.00	0.02341	-530.00	-2810.00	0.01614
-330.00	-2810.00	0.01676	-130.00	-2810.00	0.01239
70.00	-2810.00	0.01208	270.00	-2810.00	0.00996
470.00	-2810.00	0.01060	670.00	-2810.00	0.00950
870.00	-2810.00	0.00919	1070.00	-2810.00	0.00847
1270.00	-2810.00	0.00733	1470.00	-2810.00	0.00742
1670.00	-2810.00	0.00709	-4330.00	-2610.00	0.00659
-4130.00	-2610.00	0.00789	-3930.00	-2610.00	0.01029
-3730.00	-2610.00	0.01322	-3530.00	-2610.00	0.01529

1 \*\*\* AERMOD - VERSION 04300 \*\*\*      \*\*\* C-400 design run      \*\*\*  
01/11/12

\*\*\* TCE      \*\*\*

14:07:00  
\*\*MODELOPTs:  
PAGE 19  
CONC

DFault ELEV

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\* INCLUDING SOURCE(S):      SRC1      ,      \*\*\*

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF TCE      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-3330.00	-2610.00	0.01497	-3130.00	-2610.00	0.01498
-2930.00	-2610.00	0.01650	-2730.00	-2610.00	0.01771
-2530.00	-2610.00	0.01772	-2330.00	-2610.00	0.01822
-2130.00	-2610.00	0.01972	-1930.00	-2610.00	0.01955
-1730.00	-2610.00	0.02234	-1530.00	-2610.00	0.02318
-1330.00	-2610.00	0.02134	-1130.00	-2610.00	0.02339
-930.00	-2610.00	0.02289	-730.00	-2610.00	0.02629
-530.00	-2610.00	0.01701	-330.00	-2610.00	0.01730
-130.00	-2610.00	0.01374	70.00	-2610.00	0.01226
270.00	-2610.00	0.01190	470.00	-2610.00	0.01106
670.00	-2610.00	0.01044	870.00	-2610.00	0.00966
1070.00	-2610.00	0.00841	1270.00	-2610.00	0.00852
1470.00	-2610.00	0.00811	1670.00	-2610.00	0.00860
-4330.00	-2410.00	0.00705	-4130.00	-2410.00	0.00741
-3930.00	-2410.00	0.00834	-3730.00	-2410.00	0.01084
-3530.00	-2410.00	0.01442	-3330.00	-2410.00	0.01737
-3130.00	-2410.00	0.01718	-2930.00	-2410.00	0.01744
-2730.00	-2410.00	0.01970	-2530.00	-2410.00	0.02095
-2330.00	-2410.00	0.02094	-2130.00	-2410.00	0.02238
-1930.00	-2410.00	0.02306	-1730.00	-2410.00	0.02514
-1530.00	-2410.00	0.02714	-1330.00	-2410.00	0.02453
-1130.00	-2410.00	0.02684	-330.00	-2410.00	0.01630
-130.00	-2410.00	0.01564	70.00	-2410.00	0.01328
270.00	-2410.00	0.01312	470.00	-2410.00	0.01193
670.00	-2410.00	0.01109	870.00	-2410.00	0.00971
1070.00	-2410.00	0.00978	1270.00	-2410.00	0.00948
1470.00	-2410.00	0.01035	1670.00	-2410.00	0.00966
-4330.00	-2210.00	0.00637	-4130.00	-2210.00	0.00789
-3930.00	-2210.00	0.00872	-3730.00	-2210.00	0.00917
-3530.00	-2210.00	0.01131	-3330.00	-2210.00	0.01564
-3130.00	-2210.00	0.01982	-2930.00	-2210.00	0.02003
-2730.00	-2210.00	0.02076	-2530.00	-2210.00	0.02401
-330.00	-2210.00	0.01852	-130.00	-2210.00	0.01559
70.00	-2210.00	0.01574	270.00	-2210.00	0.01388
470.00	-2210.00	0.01295	670.00	-2210.00	0.01147
870.00	-2210.00	0.01122	1070.00	-2210.00	0.01174
1270.00	-2210.00	0.01210	1470.00	-2210.00	0.01074
1670.00	-2210.00	0.01044	-4330.00	-2010.00	0.00664
-4130.00	-2010.00	0.00671	-3930.00	-2010.00	0.00812
-3730.00	-2010.00	0.01018	-3530.00	-2010.00	0.01079

1 \*\*\* AERMOD - VERSION 04300 \*\*\*      \*\*\* C-400 design run      \*\*\*  
01/11/12

\*\*\* TCE      \*\*\*

14:07:00  
\*\*MODELOPTs:  
PAGE 20



CONC

DEFAULT ELEV

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): SRC1

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF TCE IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-3330.00	-2010.00	0.01201	-3130.00	-2010.00	0.01676
-130.00	-2010.00	0.01886	270.00	-2010.00	0.01530
470.00	-2010.00	0.01365	670.00	-2010.00	0.01318
870.00	-2010.00	0.01467	1070.00	-2010.00	0.01364
1270.00	-2010.00	0.01239	1470.00	-2010.00	0.01235
1670.00	-2010.00	0.01197	-4330.00	-1810.00	0.00880
-4130.00	-1810.00	0.00863	-3930.00	-1810.00	0.00833
-3730.00	-1810.00	0.00832	-3530.00	-1810.00	0.01069
-3330.00	-1810.00	0.01318	470.00	-1810.00	0.01669
670.00	-1810.00	0.01773	870.00	-1810.00	0.01503
1070.00	-1810.00	0.01497	1270.00	-1810.00	0.01477
1470.00	-1810.00	0.01296	1670.00	-1810.00	0.01131
-4330.00	-1610.00	0.01000	-4130.00	-1610.00	0.01102
-3930.00	-1610.00	0.01162	-3730.00	-1610.00	0.01148
-3530.00	-1610.00	0.01083	-3330.00	-1610.00	0.01071
470.00	-1610.00	0.01996	670.00	-1610.00	0.01835
870.00	-1610.00	0.01871	1070.00	-1610.00	0.01597
1270.00	-1610.00	0.01395	1470.00	-1610.00	0.01276
1670.00	-1610.00	0.01206	-4330.00	-1410.00	0.01206
-4130.00	-1410.00	0.01253	-3930.00	-1410.00	0.01280
-3730.00	-1410.00	0.01380	-3530.00	-1410.00	0.01530
470.00	-1410.00	0.02426	670.00	-1410.00	0.02030
870.00	-1410.00	0.01703	1070.00	-1410.00	0.01646
1270.00	-1410.00	0.01592	1470.00	-1410.00	0.01397
1670.00	-1410.00	0.01183	-4330.00	-1210.00	0.01361
-4130.00	-1210.00	0.01519	-3930.00	-1210.00	0.01657
-3730.00	-1210.00	0.01774	-3530.00	-1210.00	0.01833
670.00	-1210.00	0.02275	870.00	-1210.00	0.01980
1070.00	-1210.00	0.01592	1270.00	-1210.00	0.01368
1470.00	-1210.00	0.01272	1670.00	-1210.00	0.01172
-4330.00	-1010.00	0.01485	-4130.00	-1010.00	0.01570
-3930.00	-1010.00	0.01668	-3730.00	-1010.00	0.01828
-3530.00	-1010.00	0.02073	670.00	-1010.00	0.02016
870.00	-1010.00	0.01865	1070.00	-1010.00	0.01661
1270.00	-1010.00	0.01493	1470.00	-1010.00	0.01362
1670.00	-1010.00	0.01251	-4330.00	-810.00	0.01614
-4130.00	-810.00	0.01800	-3930.00	-810.00	0.02007
-3730.00	-810.00	0.02254	-3530.00	-810.00	0.02534
870.00	-810.00	0.02097	1070.00	-810.00	0.01872
1270.00	-810.00	0.01674	1470.00	-810.00	0.01478

1 \*\*\* AERMOD - VERSION 04300 \*\*\*  
01/11/12

\*\*\* C-400 design run

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\*\*\* TCE

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14:07:00

\*\*MODELOPTs:

PAGE 21

CONC

DEFAULT ELEV

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): SRC1

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF TCE IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
1670.00	-810.00	0.01333	-4330.00	-610.00	0.01463
-4130.00	-610.00	0.01628	-3930.00	-610.00	0.01842
-3730.00	-610.00	0.02067	-3530.00	-610.00	0.02327
1070.00	-610.00	0.01785	1270.00	-610.00	0.01610
1470.00	-610.00	0.01455	1670.00	-610.00	0.01311
-4330.00	-410.00	0.01347	-4130.00	-410.00	0.01489
-3930.00	-410.00	0.01659	-3730.00	-410.00	0.01851
-3530.00	-410.00	0.02067	-3330.00	-410.00	0.02334
870.00	-410.00	0.01739	1070.00	-410.00	0.01530
1270.00	-410.00	0.01361	1470.00	-410.00	0.01227
1670.00	-410.00	0.01108	-4330.00	-210.00	0.01211
-4130.00	-210.00	0.01349	-3930.00	-210.00	0.01508
-3730.00	-210.00	0.01678	-3530.00	-210.00	0.01862

-3330.00	-210.00	0.02120	-3130.00	-210.00	0.02485
870.00	-210.00	0.02072	1070.00	-210.00	0.01858
1270.00	-210.00	0.01620	1470.00	-210.00	0.01406
1670.00	-210.00	0.01207	-4330.00	-10.00	0.01153
-4130.00	-10.00	0.01330	-3930.00	-10.00	0.01549
-3730.00	-10.00	0.01795	-3530.00	-10.00	0.02091
-3330.00	-10.00	0.02488	-3130.00	-10.00	0.02906
1070.00	-10.00	0.01787	1270.00	-10.00	0.01514
1470.00	-10.00	0.01321	1670.00	-10.00	0.01186
-4330.00	190.00	0.01295	-4130.00	190.00	0.01470
-3930.00	190.00	0.01710	-3730.00	190.00	0.01940
-3530.00	190.00	0.02014	-3330.00	190.00	0.02084
-3130.00	190.00	0.02296	-2930.00	190.00	0.02650
1070.00	190.00	0.02052	1270.00	190.00	0.01752
1470.00	190.00	0.01527	1670.00	190.00	0.01322
-4330.00	390.00	0.01308	-4130.00	390.00	0.01375
-3930.00	390.00	0.01435	-3730.00	390.00	0.01567
-3530.00	390.00	0.01746	-3330.00	390.00	0.01982
-3130.00	390.00	0.02266	-2930.00	390.00	0.02529
1270.00	390.00	0.01739	1470.00	390.00	0.01580
1670.00	390.00	0.01409	-4330.00	590.00	0.01106
-4130.00	590.00	0.01211	-3930.00	590.00	0.01340
-3730.00	590.00	0.01510	-3530.00	590.00	0.01703
-3330.00	590.00	0.01911	-3130.00	590.00	0.01875
-2930.00	590.00	0.02164	-2730.00	590.00	0.03085
-2530.00	590.00	0.02943	1270.00	590.00	0.01678
1470.00	590.00	0.01470	1670.00	590.00	0.01348

1 \*\*\* AERMOD - VERSION 04300 \*\*\*      \*\*\* C-400 design run  
01/11/12

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\*\*\* TCE

14:07:00  
\*\*MODELOPTs:  
PAGE 22  
CONC

DEFAULT ELEV

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S):      SRC1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF TCE      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-4330.00	790.00	0.01048	-4130.00	790.00	0.01174
-3930.00	790.00	0.01308	-3730.00	790.00	0.01459
-3530.00	790.00	0.01491	-3330.00	790.00	0.01527
-3130.00	790.00	0.02078	-2930.00	790.00	0.02576
-2730.00	790.00	0.02353	-2530.00	790.00	0.02390
-2330.00	790.00	0.02502	-730.00	790.00	0.04334
1270.00	790.00	0.02023	1470.00	790.00	0.01664
1670.00	790.00	0.01352	-4330.00	990.00	0.01023
-4130.00	990.00	0.01127	-3930.00	990.00	0.01178
-3730.00	990.00	0.01188	-3530.00	990.00	0.01420
-3330.00	990.00	0.01920	-3130.00	990.00	0.02111
-2930.00	990.00	0.01941	-2730.00	990.00	0.02011
-2530.00	990.00	0.02148	-2330.00	990.00	0.01880
-2130.00	990.00	0.02279	-1130.00	990.00	0.04649
-930.00	990.00	0.04066	-730.00	990.00	0.03504
1470.00	990.00	0.01730	1670.00	990.00	0.01566
-4330.00	1190.00	0.00935	-4130.00	1190.00	0.00954
-3930.00	1190.00	0.01049	-3730.00	1190.00	0.01338
-3530.00	1190.00	0.01702	-3330.00	1190.00	0.01737
-3130.00	1190.00	0.01638	-2930.00	1190.00	0.01723
-2730.00	1190.00	0.01854	-2530.00	1190.00	0.01641
-2330.00	1190.00	0.01603	-2130.00	1190.00	0.02300
-1730.00	1190.00	0.03789	-1530.00	1190.00	0.03740
-1330.00	1190.00	0.04965	-1130.00	1190.00	0.03906
-930.00	1190.00	0.03163	-730.00	1190.00	0.03008
-530.00	1190.00	0.02828	1470.00	1190.00	0.01570
1670.00	1190.00	0.01466	-4330.00	1390.00	0.00825
-4130.00	1390.00	0.00976	-3930.00	1390.00	0.01235
-3730.00	1390.00	0.01468	-3530.00	1390.00	0.01448
-3330.00	1390.00	0.01400	-3130.00	1390.00	0.01492
-2930.00	1390.00	0.01608	-2730.00	1390.00	0.01476
-2530.00	1390.00	0.01375	-2330.00	1390.00	0.01779
-2130.00	1390.00	0.02330	-1930.00	1390.00	0.02919
-1730.00	1390.00	0.03746	-1530.00	1390.00	0.03390
-1330.00	1390.00	0.04303	-1130.00	1390.00	0.03327
-930.00	1390.00	0.02569	-730.00	1390.00	0.02617
-530.00	1390.00	0.02403	1270.00	1390.00	0.01533
1470.00	1390.00	0.01374	1670.00	1390.00	0.01322
-4330.00	1590.00	0.00909	-4130.00	1590.00	0.01121

-3930.00 1590.00 0.01252 -3730.00 1590.00 0.01224  
 1 \*\*\* AERMOD - VERSION 04300 \*\*\* \*\*\* C-400 design run \*\*\*  
 01/11/12  
 \*\*\* TCE \*\*\*

14:07:00  
 \*\*MODELOPTs:  
 PAGE 23  
 CONC

DEFAULT ELEV

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): SRC1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF TCE			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-3530.00	1590.00	0.01207	-3330.00	1590.00	0.01299	
-3130.00	1590.00	0.01402	-2930.00	1590.00	0.01349	
-2730.00	1590.00	0.01215	-2530.00	1590.00	0.01314	
-2330.00	1590.00	0.01750	-2130.00	1590.00	0.02523	
-1930.00	1590.00	0.02477	-1730.00	1590.00	0.03414	
-1530.00	1590.00	0.03139	-1330.00	1590.00	0.03648	
-1130.00	1590.00	0.02865	-930.00	1590.00	0.02180	
-730.00	1590.00	0.02243	-530.00	1590.00	0.02061	
870.00	1590.00	0.01572	1070.00	1590.00	0.01614	
1270.00	1590.00	0.01536	1470.00	1590.00	0.01341	
1670.00	1590.00	0.01203	-4330.00	1790.00	0.01001	
-4130.00	1790.00	0.01067	-3930.00	1790.00	0.01048	
-3730.00	1790.00	0.01048	-3530.00	1790.00	0.01135	
-3330.00	1790.00	0.01230	-3130.00	1790.00	0.01229	
-2930.00	1790.00	0.01084	-2730.00	1790.00	0.01082	
-2530.00	1790.00	0.01461	-2330.00	1790.00	0.01752	
-2130.00	1790.00	0.02402	-1930.00	1790.00	0.02388	
-1730.00	1790.00	0.02919	-1530.00	1790.00	0.02978	
-1330.00	1790.00	0.03149	-1130.00	1790.00	0.02478	
-930.00	1790.00	0.01910	-730.00	1790.00	0.01925	
-530.00	1790.00	0.01807	-330.00	1790.00	0.01763	
670.00	1790.00	0.01445	870.00	1790.00	0.01404	
1070.00	1790.00	0.01364	1270.00	1790.00	0.01380	
1470.00	1790.00	0.01321	1670.00	1790.00	0.01178	
-4330.00	1990.00	0.00916	-4130.00	1990.00	0.00907	
-3930.00	1990.00	0.00915	-3730.00	1990.00	0.00996	
-3530.00	1990.00	0.01084	-3330.00	1990.00	0.01111	
-3130.00	1990.00	0.00984	-2930.00	1990.00	0.00961	
-2730.00	1990.00	0.01102	-2530.00	1990.00	0.01422	
-2330.00	1990.00	0.01971	-2130.00	1990.00	0.02097	
-1930.00	1990.00	0.02430	-1730.00	1990.00	0.02412	
-1530.00	1990.00	0.02745	-1330.00	1990.00	0.02813	
-1130.00	1990.00	0.02202	-930.00	1990.00	0.01723	
-730.00	1990.00	0.01663	-530.00	1990.00	0.01613	
-330.00	1990.00	0.01559	270.00	1990.00	0.01340	
470.00	1990.00	0.01304	670.00	1990.00	0.01283	
870.00	1990.00	0.01259	1070.00	1990.00	0.01227	
1270.00	1990.00	0.01196	1470.00	1990.00	0.01195	
1670.00	1990.00	0.01149	-4330.00	2190.00	0.00793	
-4130.00	2190.00	0.00805	-3930.00	2190.00	0.00879	

1 \*\*\* AERMOD - VERSION 04300 \*\*\* \*\*\* C-400 design run \*\*\*  
 01/11/12  
 \*\*\* TCE \*\*\*

14:07:00  
 \*\*MODELOPTs:  
 PAGE 24  
 CONC

DEFAULT ELEV

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL  
 \*\*\* INCLUDING SOURCE(S): SRC1 ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

** CONC OF TCE			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
-3730.00	2190.00	0.00960	-3530.00	2190.00	0.00998	
-3330.00	2190.00	0.00909	-3130.00	2190.00	0.00862	
-2930.00	2190.00	0.00887	-2730.00	2190.00	0.01207	
-2530.00	2190.00	0.01408	-2330.00	2190.00	0.01950	
-2130.00	2190.00	0.01881	-1930.00	2190.00	0.02456	
-1730.00	2190.00	0.02136	-1530.00	2190.00	0.02565	

-1330.00	2190.00	0.02522	-1130.00	2190.00	0.01955
-930.00	2190.00	0.01556	-730.00	2190.00	0.01449
-530.00	2190.00	0.01433	-330.00	2190.00	0.01385
-130.00	2190.00	0.01353	70.00	2190.00	0.01285
270.00	2190.00	0.01213	470.00	2190.00	0.01167
670.00	2190.00	0.01145	870.00	2190.00	0.01129
1070.00	2190.00	0.01108	1270.00	2190.00	0.01083
1470.00	2190.00	0.01058	1670.00	2190.00	0.01048
-4330.00	2390.00	0.00713	-4130.00	2390.00	0.00779
-3930.00	2390.00	0.00853	-3730.00	2390.00	0.00894
-3530.00	2390.00	0.00841	-3330.00	2390.00	0.00771
-3130.00	2390.00	0.00785	-2930.00	2390.00	0.00957
-2730.00	2390.00	0.01172	-2530.00	2390.00	0.01536
-2330.00	2390.00	0.01774	-2130.00	2390.00	0.01732
-1930.00	2390.00	0.02298	-1730.00	2390.00	0.01976
-1530.00	2390.00	0.02353	-1330.00	2390.00	0.02267
-1130.00	2390.00	0.01743	-930.00	2390.00	0.01421
-730.00	2390.00	0.01271	-530.00	2390.00	0.01265
-330.00	2390.00	0.01240	-130.00	2390.00	0.01222
70.00	2390.00	0.01175	270.00	2390.00	0.01111
470.00	2390.00	0.01059	670.00	2390.00	0.01031
870.00	2390.00	0.01016	1070.00	2390.00	0.01002
1270.00	2390.00	0.00985	1470.00	2390.00	0.00965
1670.00	2390.00	0.00944	-2278.50	-554.40	0.06324
-2185.15	-590.25	0.07572	-2091.80	-626.10	0.08877
-1998.44	-661.96	0.09591	-1905.09	-697.81	0.10399
-1811.74	-733.66	0.11446	-1718.39	-769.51	0.12443
-1625.04	-805.37	0.15674	-1566.10	-828.00	0.20668
-1596.42	-923.29	0.17858	-1606.00	-953.40	0.16836
-1583.20	-964.80	0.17567	-1583.20	-981.90	0.17161
-1488.74	-1014.71	0.18026	-1452.20	-1027.40	0.17679
-1487.28	-1121.04	0.13678	-1522.36	-1214.69	0.10962
-1554.70	-1301.00	0.09146	-1606.00	-1295.30	0.09175
-1617.40	-1323.80	0.08683	-1697.20	-1295.30	0.08860

1 \*\*\* AERMOD - VERSION 04300 \*\*\*  
01/11/12

\*\*\* C-400 design run

\*\*\*

\*\*\* TCE

\*\*\*

14:07:00

\*\*MODELOPTs:

PAGE 25

CONC

DFAULT ELEV

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): SRC1

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF TCE IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-1733.64	-1388.42	0.07464	-1748.50	-1426.40	0.06989
-1754.20	-1472.00	0.06505	-1771.30	-1511.90	0.06101
-1697.20	-1546.10	0.05979	-1651.60	-1574.60	0.05719
-1683.22	-1669.47	0.04995	-1714.30	-1762.70	0.04419
-1621.44	-1799.80	0.04294	-1528.57	-1836.90	0.04453
-1514.80	-1842.40	0.04455	-1548.43	-1936.57	0.03994
-1571.80	-2002.00	0.03720	-1477.82	-2036.18	0.03724
-1383.85	-2070.37	0.03434	-1289.87	-2104.55	0.03160
-1258.40	-2116.00	0.03153	-1224.77	-2021.83	0.03513
-1201.40	-1956.40	0.03833	-1107.53	-1990.88	0.03689
-1013.67	-2025.36	0.03607	-922.10	-2059.00	0.04007
-887.86	-1965.04	0.04240	-853.62	-1871.09	0.03982
-819.38	-1777.13	0.03684	-785.15	-1683.18	0.04084
-750.91	-1589.22	0.04118	-716.67	-1495.26	0.04227
-682.43	-1401.31	0.04404	-648.19	-1307.35	0.04877
-613.95	-1213.40	0.05559	-579.71	-1119.44	0.05986
-545.48	-1025.48	0.06900	-511.24	-931.53	0.07460
-477.00	-837.57	0.07479	-442.76	-743.62	0.07064
-408.52	-649.66	0.07043	-374.28	-555.71	0.06574
-340.04	-461.75	0.06773	-305.80	-367.79	0.06740
-271.57	-273.84	0.07056	-237.33	-179.88	0.06860
-203.09	-85.93	0.06591	-186.90	-41.50	0.06805
-280.82	-7.15	0.08594	-374.73	27.20	0.09235
-468.65	61.55	0.10302	-562.56	95.90	0.10702
-656.48	130.25	0.10155	-750.39	164.60	0.10403
-844.31	198.95	0.10429	-938.22	233.30	0.10128
-1032.14	267.65	0.11307	-1126.05	302.00	0.10925
-1219.97	336.35	0.10912	-1313.88	370.70	0.11376
-1407.80	405.05	0.09584	-1501.71	439.40	0.08305
-1595.63	473.75	0.06867	-1689.54	508.10	0.05869
-1783.46	542.45	0.04535	-1877.37	576.80	0.03624
-1885.30	579.70	0.03546	-1918.06	485.22	0.03350

-1950.82	390.74	0.03784	-1983.57	296.25	0.04462
-2016.33	201.77	0.04933	-2049.09	107.29	0.06165
-2081.85	12.81	0.05521	-2114.60	-81.68	0.06214
-2147.36	-176.16	0.06054	-2180.12	-270.64	0.06979
-2212.88	-365.12	0.06146	-2245.64	-459.61	0.05897
-2278.39	-554.09	0.06322	-2278.50	-554.40	0.06324
-144.10	2174.40	0.01368	-178.76	2080.60	0.01447
-213.42	1986.80	0.01534	-248.08	1893.00	0.01630

1 \*\*\* AERMOD - VERSION 04300 \*\*\*      \*\*\* C-400 design run      \*\*\*  
01/11/12

\*\*\* TCE      \*\*\*

14:07:00  
\*\*MODELOPTs:

PAGE 26  
CONC

DEFAULT ELEV

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S):      SRC1

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF TCE      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-282.75	1799.20	0.01736	-317.41	1705.40	0.01853
-352.07	1611.59	0.01984	-386.73	1517.79	0.02131
-421.39	1423.99	0.02296	-456.05	1330.19	0.02482
-490.71	1236.39	0.02694	-525.37	1142.59	0.02938
-560.04	1048.79	0.03218	-594.70	954.99	0.03545
-629.36	861.19	0.03928	-664.02	767.39	0.04382
-670.00	751.20	0.04469	-763.24	787.34	0.04358
-856.48	823.49	0.04593	-949.72	859.63	0.04733
-1042.96	895.78	0.04270	-1136.20	931.92	0.04919
-1229.44	968.07	0.05011	-1322.67	1004.21	0.05827
-1415.91	1040.36	0.05138	-1509.15	1076.50	0.04096
-1602.39	1112.65	0.04575	-1695.63	1148.79	0.04089
-1788.87	1184.94	0.03327	-1882.11	1221.08	0.03293
-1975.35	1257.23	0.03192	-2000.30	1266.90	0.03020
-2032.42	1172.20	0.02686	-2064.55	1077.50	0.02513
-2096.67	982.80	0.02440	-2128.80	888.10	0.02179
-2160.92	793.40	0.02252	-2193.04	698.70	0.02599
-2196.20	689.40	0.02651	-2277.80	631.60	0.02946
-2359.41	573.80	0.02915	-2441.01	516.00	0.03199
-2443.70	514.10	0.03217	-2539.33	484.87	0.03556
-2634.96	455.63	0.03151	-2730.60	426.40	0.02446
-2815.00	400.60	0.02408	-2858.53	310.57	0.02782
-2902.06	220.54	0.02702	-2945.58	130.51	0.02611
-2989.11	40.48	0.02789	-3032.64	-49.55	0.03132
-3076.17	-139.58	0.02775	-3119.69	-229.61	0.02481
-3163.22	-319.64	0.02452	-3206.75	-409.67	0.02513
-3250.28	-499.70	0.02597	-3268.70	-537.80	0.02572
-3344.62	-602.89	0.02590	-3413.10	-661.60	0.02639
-3465.27	-746.91	0.02627	-3517.44	-832.22	0.02518
-3526.60	-847.20	0.02474	-3497.85	-942.98	0.02117
-3469.10	-1038.76	0.02203	-3464.70	-1053.40	0.02217
-3481.11	-1152.04	0.02041	-3485.30	-1177.20	0.01956
-3445.34	-1268.87	0.01672	-3405.39	-1360.54	0.01653
-3365.43	-1452.21	0.01459	-3325.48	-1543.88	0.01158
-3285.52	-1635.56	0.01166	-3245.57	-1727.23	0.01407
-3205.61	-1818.90	0.01333	-3165.66	-1910.57	0.01360
-3134.70	-1981.60	0.01588	-3039.74	-2012.95	0.01970
-2944.78	-2044.30	0.02258	-2849.83	-2075.65	0.02273
-2754.87	-2107.01	0.02165	-2659.91	-2138.36	0.02223
-2564.95	-2169.71	0.02385	-2469.99	-2201.06	0.02480

1 \*\*\* AERMOD - VERSION 04300 \*\*\*      \*\*\* C-400 design run      \*\*\*  
01/11/12

\*\*\* TCE      \*\*\*

14:07:00  
\*\*MODELOPTs:

PAGE 27  
CONC

DEFAULT ELEV

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S):      SRC1

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF TCE      IN MICROGRAMS/M\*\*3      \*\*

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

-2375.03	-2232.41	0.02460	-2280.08	-2263.76	0.02387
-2185.12	-2295.12	0.02364	-2090.16	-2326.47	0.02407
-2041.60	-2342.50	0.02430	-1941.67	-2338.66	0.02470
-1841.75	-2334.82	0.02427	-1741.82	-2330.98	0.02600
-1641.89	-2327.15	0.02789	-1541.97	-2323.31	0.02900
-1442.04	-2319.47	0.02809	-1342.12	-2315.63	0.02661
-1242.19	-2311.79	0.02695	-1237.20	-2311.60	0.02666
-1143.30	-2345.98	0.02806	-1049.39	-2380.37	0.02601
-955.49	-2414.75	0.02624	-861.59	-2449.13	0.02907
-767.68	-2483.52	0.02859	-673.78	-2517.90	0.02346
-579.88	-2552.28	0.01796	-505.00	-2579.70	0.01781
-471.72	-2485.40	0.02037	-438.44	-2391.10	0.02053
-405.16	-2296.80	0.01835	-371.88	-2202.50	0.01837
-338.60	-2108.20	0.02024	-305.32	-2013.90	0.01979
-272.04	-1919.60	0.02050	-257.50	-1878.40	0.02146
-168.96	-1924.89	0.02034	-80.43	-1971.38	0.01865
8.11	-2017.87	0.01701	96.65	-2064.36	0.01574
155.00	-2095.00	0.01531	195.61	-2003.62	0.01641
236.23	-1912.24	0.01556	276.84	-1820.86	0.01647
317.46	-1729.48	0.01760	358.07	-1638.09	0.02163
398.68	-1546.71	0.02118	439.30	-1455.33	0.02276
479.91	-1363.95	0.02390	485.00	-1352.50	0.02378
485.00	-1252.50	0.02200	485.00	-1187.50	0.02410
521.66	-1094.46	0.02463	558.32	-1001.43	0.02163
594.99	-908.39	0.02244	619.10	-847.20	0.02324
707.34	-894.26	0.02131	773.80	-929.70	0.01999
819.59	-840.80	0.02134	865.39	-751.90	0.02004
911.18	-663.01	0.01887	949.10	-589.40	0.01933
884.70	-512.90	0.01963	820.30	-436.40	0.01813
784.10	-393.40	0.01875	825.48	-302.37	0.02099
866.87	-211.33	0.02078	908.25	-120.30	0.01866
938.80	-53.10	0.01907	973.09	40.84	0.02067
1007.38	134.77	0.02113	1041.67	228.71	0.02078
1075.96	322.65	0.01963	1110.25	416.58	0.01823
1144.55	510.52	0.01793	1178.84	604.46	0.01894
1213.13	698.39	0.02041	1247.42	792.33	0.02060
1281.71	886.27	0.01959	1316.00	980.21	0.01846
1350.29	1074.14	0.01733	1384.58	1168.08	0.01613
1413.10	1246.20	0.01513	1327.20	1297.40	0.01496
1241.30	1348.60	0.01561	1155.41	1399.80	0.01673

1 \*\*\* AERMOD - VERSION 04300 \*\*\* \*\*\* C-400 design run \*\*\*  
01/11/12  
\*\*\* TCE \*\*\*

14:07:00  
\*\*MODELOPTs:  
PAGE 28  
CONC

DEFAULT ELEV

\*\*\* THE ANNUAL ( 1 YRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL

\*\*\*

INCLUDING SOURCE(S): SRC1

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF TCE IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
1069.51	1451.00	0.01774	983.61	1502.21	0.01748
897.71	1553.41	0.01625	811.81	1604.61	0.01567
725.92	1655.81	0.01551	640.02	1707.01	0.01526
554.12	1758.21	0.01493	468.22	1809.41	0.01457
382.33	1860.61	0.01421	296.43	1911.81	0.01393
210.53	1963.02	0.01376	124.63	2014.22	0.01372
38.73	2065.42	0.01374	-47.16	2116.62	0.01376
-133.06	2167.82	0.01369			

1 \*\*\* AERMOD - VERSION 04300 \*\*\* \*\*\* C-400 design run \*\*\*  
01/11/12  
\*\*\* TCE \*\*\*

14:07:00  
\*\*MODELOPTs:  
PAGE 29  
CONC

DEFAULT ELEV

\*\*\* THE SUMMARY OF MAXIMUM ANNUAL ( 1 YRS) RESULTS \*\*\*

\*\* CONC OF TCE IN MICROGRAMS/M\*\*3 \*\*

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

ALL	1ST HIGHEST VALUE IS	0.20668 AT (	-1566.10,	-828.00,	0.00,	0.00,	0.00)	DC
	2ND HIGHEST VALUE IS	0.18026 AT (	-1488.74,	-1014.71,	0.00,	0.00,	0.00)	DC
	3RD HIGHEST VALUE IS	0.17858 AT (	-1596.42,	-923.29,	0.00,	0.00,	0.00)	DC
	4TH HIGHEST VALUE IS	0.17679 AT (	-1452.20,	-1027.40,	0.00,	0.00,	0.00)	DC
	5TH HIGHEST VALUE IS	0.17567 AT (	-1583.20,	-964.80,	0.00,	0.00,	0.00)	DC
	6TH HIGHEST VALUE IS	0.17161 AT (	-1583.20,	-981.90,	0.00,	0.00,	0.00)	DC
	7TH HIGHEST VALUE IS	0.16836 AT (	-1606.00,	-953.40,	0.00,	0.00,	0.00)	DC
	8TH HIGHEST VALUE IS	0.15674 AT (	-1625.04,	-805.37,	0.00,	0.00,	0.00)	DC
	9TH HIGHEST VALUE IS	0.13678 AT (	-1487.28,	-1121.04,	0.00,	0.00,	0.00)	DC
	10TH HIGHEST VALUE IS	0.12443 AT (	-1718.39,	-769.51,	0.00,	0.00,	0.00)	DC

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

1 \*\*\* AERMOD - VERSION 04300 \*\*\* \*\*\* C-400 design run \*\*\*  
 01/11/12

\*\*\* TCE \*\*\*

14:07:00

\*\*MODELOPTs:

PAGE 30

CONC

DFAULT ELEV

\*\*\* 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 1944 Informational Message(s)  
 A Total of 1653 Calm Hours Identified  
 A Total of 291 Missing Hours Identified ( 3.32 Percent)

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*  
 \*\*\* NONE \*\*\*

\*\*\*\*\*  
 \*\*\* AERMOD Finishes Successfully \*\*\*  
 \*\*\*\*\*