

TCE 300 scfm AERMOD List File and BPIP List File

Run Began on 1/12/2012 at 7:19:49

** BREEZE AERMOD GIS Pro v5.1.7 - M:\Data\BREEZE\AERMOD5\Projects\C-400 RAWP 2\TCE Property Boundary 300 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 1.540942E-02 6.096 294.26 4.365939 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 BUILDLLEN SRC1 167.48 0.0 0.0 0.0 137.54 148.24
SO BUILDLLEN SRC1 157.18 166.52 170.8 169.89 163.82 164.37
SO BUILDLLEN SRC1 162.09 154.89 150.02 161.94 168.93 170.8
SO BUILDLLEN SRC1 167.48 0.0 0.0 0.0 137.54 148.24
SO BUILDLLEN SRC1 157.18 166.52 170.8 169.89 163.82 164.37
SO BUILDLLEN 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
** ONSITGRD 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
** ONSITGRD END
** OFFSTRCP GRD1
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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
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RE DISCCART -3130.0 -3610.0 0 0
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RE DISCCART -2730.0 -3610.0 0 0
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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
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RE DISCCART	1270.0	-1810.0	0	0
RE DISCCART	1470.0	-1810.0	0	0
RE DISCCART	1670.0	-1810.0	0	0
RE DISCCART	-4330.0	-1610.0	0	0
RE DISCCART	-4130.0	-1610.0	0	0
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RE DISCCART	-3330.0	-1610.0	0	0

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RE DISCCART	670.0	-1610.0	0	0
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RE DISCCART	-3530.0	-210.0	0	0
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RE DISCCART	870.0	-210.0	0	0
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RE DISCCART	1670.0	990.0	0	0
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RE DISCCART	-3530.0	1390.0	0	0
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RE DISCCART	-1930.0	1390.0	0	0
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RE DISCCART	-3730.0	1590.0	0	0
RE DISCCART	-3530.0	1590.0	0	0
RE DISCCART	-3330.0	1590.0	0	0
RE DISCCART	-3130.0	1590.0	0	0
RE DISCCART	-2930.0	1590.0	0	0
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RE DISCCART	1070.0	1790.0	0	0

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RE DISCCART	1670.0	1790.0	0	0
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RE DISCCART	1670.0	2390.0	0	0
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RE DISCCART	-1651.6	-1574.6	0	0
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** 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 ***
01/12/12

```

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*** TCE ***

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07:19:50

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**MODELOPTs:

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PAGE 1

```

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CONC

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```

DEFAULT ELEV

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*** 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 = 0.10000E+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 300 FLOW.DAT

**Output Print File: M:\DATA\BREEZE\AERMOD5\PROJECTS\C-400 RAWP 2\TCE PROPERTY BOUNDARY 300 FLOW.LST

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

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**MODELOPTs:

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CONC DFAULT ELEV

*** POINT SOURCE DATA ***

URBAN	NUMBER	EMISSION RATE	BASE	STACK	STACK	STACK	STACK	BUILDING				
EMISSION RATE	SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	TEMP.	EXIT VEL.	DIAMETER	EXISTS	
SOURCE SCALAR VARY	ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(DEG.K)	(M/SEC)	(METERS)			
	SRC1	0	0.15409E-01	-1237.5	-551.6	0.0	6.10	294.26	4.37	0.20	YES	NO
	1 *** AERMOD - VERSION 04300 ***			***	***	C-400 design run					***	
	01/12/12			***	***	TCE					***	

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**MODELOPTs:

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CONC DFAULT ELEV

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

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

01/12/12

*** TCE

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**MODELOPTs:

PAGE 4

CONC

DEFAULT 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

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*** TCE

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**MODELOPTs:

PAGE 5

CONC

DEFAULT 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);							

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 *** *** C-400 design run ***
01/12/12 *** TCE ***

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**MODELOPTs:
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CONC

DEFAULT 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);								

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

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**MODELOPTS:

PAGE 7

CONC

DEFAULT ELEV

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

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

```

```

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

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*** TCE

07:19:50

**MODELOPTs:

PAGE 9

CONC

DFAULT ELEV

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

```

0.0, ( 1070.0, -10.0, 0.0, 0.0, 0.0); ( 1270.0, -10.0, 0.0,
0.0, ( 0.0);
0.0, ( 1470.0, -10.0, 0.0, 0.0, 0.0); ( 1670.0, -10.0, 0.0,
0.0, ( 0.0);
0.0, ( -4330.0, 190.0, 0.0, 0.0, 0.0); ( -4130.0, 190.0, 0.0,
0.0, ( 0.0);
0.0, ( -3930.0, 190.0, 0.0, 0.0, 0.0); ( -3730.0, 190.0, 0.0,
0.0, ( 0.0);
0.0, ( -3530.0, 190.0, 0.0, 0.0, 0.0); ( -3330.0, 190.0, 0.0,
0.0, ( 0.0);
0.0, ( -3130.0, 190.0, 0.0, 0.0, 0.0); ( -2930.0, 190.0, 0.0,
0.0, ( 0.0);
0.0, ( 1070.0, 190.0, 0.0, 0.0, 0.0); ( 1270.0, 190.0, 0.0,
0.0, ( 0.0);
0.0, ( 1470.0, 190.0, 0.0, 0.0, 0.0); ( 1670.0, 190.0, 0.0,
0.0, ( 0.0);
0.0, ( -4330.0, 390.0, 0.0, 0.0, 0.0); ( -4130.0, 390.0, 0.0,
0.0, ( 0.0);
0.0, ( -3930.0, 390.0, 0.0, 0.0, 0.0); ( -3730.0, 390.0, 0.0,
0.0, ( 0.0);
0.0, ( -3530.0, 390.0, 0.0, 0.0, 0.0); ( -3330.0, 390.0, 0.0,
0.0, ( 0.0);
0.0, ( -3130.0, 390.0, 0.0, 0.0, 0.0); ( -2930.0, 390.0, 0.0,
0.0, ( 0.0);
0.0, ( 1270.0, 390.0, 0.0, 0.0, 0.0); ( 1470.0, 390.0, 0.0,
0.0, ( 0.0);
0.0, ( 1670.0, 390.0, 0.0, 0.0, 0.0); ( -4330.0, 590.0, 0.0,
0.0, ( 0.0);
0.0, ( -4130.0, 590.0, 0.0, 0.0, 0.0); ( -3930.0, 590.0, 0.0,
0.0, ( 0.0);
0.0, ( -3730.0, 590.0, 0.0, 0.0, 0.0); ( -3530.0, 590.0, 0.0,
0.0, ( 0.0);
0.0, ( -3330.0, 590.0, 0.0, 0.0, 0.0); ( -3130.0, 590.0, 0.0,
0.0, ( 0.0);
0.0, ( -2930.0, 590.0, 0.0, 0.0, 0.0); ( -2730.0, 590.0, 0.0,
0.0, ( 0.0);
0.0, ( -2530.0, 590.0, 0.0, 0.0, 0.0); ( 1270.0, 590.0, 0.0,
0.0, ( 0.0);
0.0, ( 1470.0, 590.0, 0.0, 0.0, 0.0); ( 1670.0, 590.0, 0.0,
0.0, ( 0.0);
0.0, ( -4330.0, 790.0, 0.0, 0.0, 0.0); ( -4130.0, 790.0, 0.0,
0.0, ( 0.0);
0.0, ( -3930.0, 790.0, 0.0, 0.0, 0.0); ( -3730.0, 790.0, 0.0,
0.0, ( 0.0);
0.0, ( -3530.0, 790.0, 0.0, 0.0, 0.0); ( -3330.0, 790.0, 0.0,
0.0, ( 0.0);
0.0, ( -3130.0, 790.0, 0.0, 0.0, 0.0); ( -2930.0, 790.0, 0.0,
0.0, ( 0.0);
0.0, ( -2730.0, 790.0, 0.0, 0.0, 0.0); ( -2530.0, 790.0, 0.0,
0.0, ( 0.0);
0.0, ( -2330.0, 790.0, 0.0, 0.0, 0.0); ( -730.0, 790.0, 0.0,
0.0, ( 0.0);
0.0, ( 1270.0, 790.0, 0.0, 0.0, 0.0); ( 1470.0, 790.0, 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);								
0.0,	(	-4130.0,	990.0,	0.0,	0.0,	0.0);	(	-3930.0,	990.0,	0.0,
0.0,		0.0);								
0.0,	(	-3730.0,	990.0,	0.0,	0.0,	0.0);	(	-3530.0,	990.0,	0.0,
0.0,		0.0);								
0.0,	(	-3330.0,	990.0,	0.0,	0.0,	0.0);	(	-3130.0,	990.0,	0.0,
0.0,		0.0);								
0.0,	(	-2930.0,	990.0,	0.0,	0.0,	0.0);	(	-2730.0,	990.0,	0.0,
0.0,		0.0);								
0.0,	(	-2530.0,	990.0,	0.0,	0.0,	0.0);	(	-2330.0,	990.0,	0.0,
0.0,		0.0);								
0.0,	(	-2130.0,	990.0,	0.0,	0.0,	0.0);	(	-1130.0,	990.0,	0.0,
0.0,		0.0);								
0.0,	(	-930.0,	990.0,	0.0,	0.0,	0.0);	(	-730.0,	990.0,	0.0,
0.0,		0.0);								
0.0,	(	1470.0,	990.0,	0.0,	0.0,	0.0);	(	1670.0,	990.0,	0.0,
0.0,		0.0);								
0.0,	(	-4330.0,	1190.0,	0.0,	0.0,	0.0);	(	-4130.0,	1190.0,	0.0,
0.0,		0.0);								
0.0,	(	-3930.0,	1190.0,	0.0,	0.0,	0.0);	(	-3730.0,	1190.0,	0.0,
0.0,		0.0);								
0.0,	(	-3530.0,	1190.0,	0.0,	0.0,	0.0);	(	-3330.0,	1190.0,	0.0,
0.0,		0.0);								
0.0,	(	-3130.0,	1190.0,	0.0,	0.0,	0.0);	(	-2930.0,	1190.0,	0.0,
0.0,		0.0);								
0.0,	(	-2730.0,	1190.0,	0.0,	0.0,	0.0);	(	-2530.0,	1190.0,	0.0,
0.0,		0.0);								
0.0,	(	-2330.0,	1190.0,	0.0,	0.0,	0.0);	(	-2130.0,	1190.0,	0.0,
0.0,		0.0);								
0.0,	(	-1730.0,	1190.0,	0.0,	0.0,	0.0);	(	-1530.0,	1190.0,	0.0,
0.0,		0.0);								
0.0,	(	-1330.0,	1190.0,	0.0,	0.0,	0.0);	(	-1130.0,	1190.0,	0.0,
0.0,		0.0);								
0.0,	(-930.0,	1190.0,	0.0,	0.0,	0.0);	(-730.0,	1190.0,	0.0,
0.0,		0.0);								

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

*** C-400 design run

*** TCE

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**MODELOPTs:

PAGE 10

CONC

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

01/12/12

*** TCE

07:19:50

**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

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*** TCE

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**MODELOPTs:

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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 ***
01/12/12

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*** TCE ***

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**MODELOPTs:
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CONC

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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

01/12/12

*** TCE

07:19:50

**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,

0.0,	0.0);								
(	866.9,	-211.3,	0.0,	0.0,	0.0);	(	908.2,	-120.3,	0.0,
0.0,	0.0);								
(	938.8,	-53.1,	0.0,	0.0,	0.0);	(	973.1,	40.8,	0.0,
0.0,	0.0);								
(	1007.4,	134.8,	0.0,	0.0,	0.0);	(	1041.7,	228.7,	0.0,
0.0,	0.0);								
(	1076.0,	322.6,	0.0,	0.0,	0.0);	(	1110.2,	416.6,	0.0,
0.0,	0.0);								
(	1144.6,	510.5,	0.0,	0.0,	0.0);	(	1178.8,	604.5,	0.0,
0.0,	0.0);								
(	1213.1,	698.4,	0.0,	0.0,	0.0);	(	1247.4,	792.3,	0.0,
0.0,	0.0);								
(	1281.7,	886.3,	0.0,	0.0,	0.0);	(	1316.0,	980.2,	0.0,
0.0,	0.0);								
(	1350.3,	1074.1,	0.0,	0.0,	0.0);	(	1384.6,	1168.1,	0.0,
0.0,	0.0);								
(	1413.1,	1246.2,	0.0,	0.0,	0.0);	(	1327.2,	1297.4,	0.0,
0.0,	0.0);								
(	1241.3,	1348.6,	0.0,	0.0,	0.0);	(	1155.4,	1399.8,	0.0,
0.0,	0.0);								
(	1069.5,	1451.0,	0.0,	0.0,	0.0);	(	983.6,	1502.2,	0.0,
0.0,	0.0);								
(	897.7,	1553.4,	0.0,	0.0,	0.0);	(	811.8,	1604.6,	0.0,
0.0,	0.0);								
(	725.9,	1655.8,	0.0,	0.0,	0.0);	(	640.0,	1707.0,	0.0,
0.0,	0.0);								
(	554.1,	1758.2,	0.0,	0.0,	0.0);	(	468.2,	1809.4,	0.0,
0.0,	0.0);								
(	382.3,	1860.6,	0.0,	0.0,	0.0);	(	296.4,	1911.8,	0.0,
0.0,	0.0);								
(	210.5,	1963.0,	0.0,	0.0,	0.0);	(	124.6,	2014.2,	0.0,
0.0,	0.0);								
(	38.7,	2065.4,	0.0,	0.0,	0.0);	(	-47.2,	2116.6,	0.0,
0.0,	0.0);								
(	-133.1,	2167.8,	0.0,	0.0,	0.0);				

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

07:19:50
**MODELOPTs:
PAGE 15
CONC

DFAULT ELEV

*** 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 1 1 1 1 1
1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1
1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1
1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 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: 2003 1 1 1
AND END DATE: 2003 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,

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

07:19:50
**MODELOPTs:
PAGE 16
CONC

DFAULT ELEV

*** 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 ***
 01/12/12

*** TCE ***

07:19:50

**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	0.00204	-4130.00	-3610.00	0.00199
000000000000					
-3930.00	-3610.00	0.00201	-3730.00	-3610.00	0.00211
-3530.00	-3610.00	0.00223	-3330.00	-3610.00	0.00227
-3130.00	-3610.00	0.00223	-2930.00	-3610.00	0.00226
-2730.00	-3610.00	0.00241	-2530.00	-3610.00	0.00256
-2330.00	-3610.00	0.00260	-2130.00	-3610.00	0.00282
-1930.00	-3610.00	0.00332	-1730.00	-3610.00	0.00364
-1530.00	-3610.00	0.00333	-1330.00	-3610.00	0.00321
-1130.00	-3610.00	0.00337	-930.00	-3610.00	0.00335
-730.00	-3610.00	0.00397	-530.00	-3610.00	0.00435
-330.00	-3610.00	0.00321	-130.00	-3610.00	0.00255
70.00	-3610.00	0.00262	270.00	-3610.00	0.00195
470.00	-3610.00	0.00183	670.00	-3610.00	0.00167
870.00	-3610.00	0.00155	1070.00	-3610.00	0.00167
1270.00	-3610.00	0.00156	1470.00	-3610.00	0.00145
1670.00	-3610.00	0.00141	-4330.00	-3410.00	0.00233
-4130.00	-3410.00	0.00226	-3930.00	-3410.00	0.00220
-3730.00	-3410.00	0.00225	-3530.00	-3410.00	0.00238
-3330.00	-3410.00	0.00251	-3130.00	-3410.00	0.00252
-2930.00	-3410.00	0.00249	-2730.00	-3410.00	0.00259
-2530.00	-3410.00	0.00279	-2330.00	-3410.00	0.00289
-2130.00	-3410.00	0.00298	-1930.00	-3410.00	0.00359
-1730.00	-3410.00	0.00402	-1530.00	-3410.00	0.00372
-1330.00	-3410.00	0.00355	-1130.00	-3410.00	0.00375
-930.00	-3410.00	0.00365	-730.00	-3410.00	0.00451
-530.00	-3410.00	0.00475	-330.00	-3410.00	0.00311
-130.00	-3410.00	0.00306	70.00	-3410.00	0.00245
270.00	-3410.00	0.00203	470.00	-3410.00	0.00200
670.00	-3410.00	0.00170	870.00	-3410.00	0.00186
1070.00	-3410.00	0.00177	1270.00	-3410.00	0.00161
1470.00	-3410.00	0.00159	1670.00	-3410.00	0.00145
-4330.00	-3210.00	0.00245	-4130.00	-3210.00	0.00262
-3930.00	-3210.00	0.00253	-3730.00	-3210.00	0.00245
-3530.00	-3210.00	0.00255	-3330.00	-3210.00	0.00272
-3130.00	-3210.00	0.00283	-2930.00	-3210.00	0.00282
-2730.00	-3210.00	0.00283	-2530.00	-3210.00	0.00303
-2330.00	-3210.00	0.00322	-2130.00	-3210.00	0.00324
-1930.00	-3210.00	0.00388	-1730.00	-3210.00	0.00443
-1530.00	-3210.00	0.00419	-1330.00	-3210.00	0.00393
-1130.00	-3210.00	0.00421	-930.00	-3210.00	0.00400

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

*** C-400 design run

*** TCE

07:19:50
**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	0.00505	-530.00	-3210.00	0.00494
-330.00	-3210.00	0.00304	-130.00	-3210.00	0.00347
70.00	-3210.00	0.00238	270.00	-3210.00	0.00230
470.00	-3210.00	0.00199	670.00	-3210.00	0.00202
870.00	-3210.00	0.00204	1070.00	-3210.00	0.00181
1270.00	-3210.00	0.00180	1470.00	-3210.00	0.00163
1670.00	-3210.00	0.00143	-4330.00	-3010.00	0.00222
-4130.00	-3010.00	0.00272	-3930.00	-3010.00	0.00298
-3730.00	-3010.00	0.00284	-3530.00	-3010.00	0.00276
-3330.00	-3010.00	0.00291	-3130.00	-3010.00	0.00312
-2930.00	-3010.00	0.00322	-2730.00	-3010.00	0.00319
-2530.00	-3010.00	0.00331	-2330.00	-3010.00	0.00357
-2130.00	-3010.00	0.00366	-1930.00	-3010.00	0.00413
-1730.00	-3010.00	0.00482	-1530.00	-3010.00	0.00473
-1330.00	-3010.00	0.00437	-1130.00	-3010.00	0.00473
-930.00	-3010.00	0.00447	-730.00	-3010.00	0.00574
-530.00	-3010.00	0.00470	-330.00	-3010.00	0.00346
-130.00	-3010.00	0.00325	70.00	-3010.00	0.00255
270.00	-3010.00	0.00249	470.00	-3010.00	0.00216
670.00	-3010.00	0.00234	870.00	-3010.00	0.00205

1070.00	-3010.00	0.00202	1270.00	-3010.00	0.00185
1470.00	-3010.00	0.00160	1670.00	-3010.00	0.00160
-4330.00	-2810.00	0.00186	-4130.00	-2810.00	0.00240
-3930.00	-2810.00	0.00303	-3730.00	-2810.00	0.00340
-3530.00	-2810.00	0.00322	-3330.00	-2810.00	0.00313
-3130.00	-2810.00	0.00337	-2930.00	-2810.00	0.00363
-2730.00	-2810.00	0.00369	-2530.00	-2810.00	0.00369
-2330.00	-2810.00	0.00395	-2130.00	-2810.00	0.00419
-1930.00	-2810.00	0.00436	-1730.00	-2810.00	0.00524
-1530.00	-2810.00	0.00537	-1330.00	-2810.00	0.00490
-1130.00	-2810.00	0.00531	-930.00	-2810.00	0.00503
-730.00	-2810.00	0.00628	-530.00	-2810.00	0.00417
-330.00	-2810.00	0.00444	-130.00	-2810.00	0.00291
70.00	-2810.00	0.00296	270.00	-2810.00	0.00244
470.00	-2810.00	0.00266	670.00	-2810.00	0.00235
870.00	-2810.00	0.00230	1070.00	-2810.00	0.00211
1270.00	-2810.00	0.00181	1470.00	-2810.00	0.00184
1670.00	-2810.00	0.00173	-4330.00	-2610.00	0.00162
-4130.00	-2610.00	0.00195	-3930.00	-2610.00	0.00257
-3730.00	-2610.00	0.00336	-3530.00	-2610.00	0.00389

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

*** TCE ***

07:19:50
**MODELOPTs:

PAGE 19
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	-2610.00	0.00368	-3130.00	-2610.00	0.00359
-2930.00	-2610.00	0.00396	-2730.00	-2610.00	0.00425
-2530.00	-2610.00	0.00427	-2330.00	-2610.00	0.00441
-2130.00	-2610.00	0.00479	-1930.00	-2610.00	0.00478
-1730.00	-2610.00	0.00580	-1530.00	-2610.00	0.00620
-1330.00	-2610.00	0.00552	-1130.00	-2610.00	0.00602
-930.00	-2610.00	0.00582	-730.00	-2610.00	0.00702
-530.00	-2610.00	0.00424	-330.00	-2610.00	0.00448
-130.00	-2610.00	0.00329	70.00	-2610.00	0.00303
270.00	-2610.00	0.00297	470.00	-2610.00	0.00275
670.00	-2610.00	0.00262	870.00	-2610.00	0.00242
1070.00	-2610.00	0.00209	1270.00	-2610.00	0.00212
1470.00	-2610.00	0.00198	1670.00	-2610.00	0.00211
-4330.00	-2410.00	0.00185	-4130.00	-2410.00	0.00186
-3930.00	-2410.00	0.00206	-3730.00	-2410.00	0.00273
-3530.00	-2410.00	0.00370	-3330.00	-2410.00	0.00448
-3130.00	-2410.00	0.00425	-2930.00	-2410.00	0.00419
-2730.00	-2410.00	0.00474	-2530.00	-2410.00	0.00505
-2330.00	-2410.00	0.00507	-2130.00	-2410.00	0.00544
-1930.00	-2410.00	0.00562	-1730.00	-2410.00	0.00644
-1530.00	-2410.00	0.00721	-1330.00	-2410.00	0.00630
-1130.00	-2410.00	0.00687	-330.00	-2410.00	0.00391
-130.00	-2410.00	0.00386	70.00	-2410.00	0.00329
270.00	-2410.00	0.00329	470.00	-2410.00	0.00300
670.00	-2410.00	0.00278	870.00	-2410.00	0.00242
1070.00	-2410.00	0.00243	1270.00	-2410.00	0.00233
1470.00	-2410.00	0.00256	1670.00	-2410.00	0.00236
-4330.00	-2210.00	0.00158	-4130.00	-2210.00	0.00211
-3930.00	-2210.00	0.00229	-3730.00	-2210.00	0.00227
-3530.00	-2210.00	0.00284	-3330.00	-2210.00	0.00405
-3130.00	-2210.00	0.00518	-2930.00	-2210.00	0.00500
-2730.00	-2210.00	0.00500	-2530.00	-2210.00	0.00580
-330.00	-2210.00	0.00445	-130.00	-2210.00	0.00385
70.00	-2210.00	0.00396	270.00	-2210.00	0.00349
470.00	-2210.00	0.00326	670.00	-2210.00	0.00288
870.00	-2210.00	0.00278	1070.00	-2210.00	0.00293
1270.00	-2210.00	0.00300	1470.00	-2210.00	0.00263
1670.00	-2210.00	0.00256	-4330.00	-2010.00	0.00165
-4130.00	-2010.00	0.00162	-3930.00	-2010.00	0.00206
-3730.00	-2010.00	0.00277	-3530.00	-2010.00	0.00278

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

*** TCE ***

07:19:50
**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	0.00299	-3130.00	-2010.00	0.00435
-130.00	-2010.00	0.00474	270.00	-2010.00	0.00386
470.00	-2010.00	0.00344	670.00	-2010.00	0.00327
870.00	-2010.00	0.00370	1070.00	-2010.00	0.00339
1270.00	-2010.00	0.00306	1470.00	-2010.00	0.00307
1670.00	-2010.00	0.00296	-4330.00	-1810.00	0.00225
-4130.00	-1810.00	0.00218	-3930.00	-1810.00	0.00208
-3730.00	-1810.00	0.00200	-3530.00	-1810.00	0.00281
-3330.00	-1810.00	0.00360	470.00	-1810.00	0.00420
670.00	-1810.00	0.00448	870.00	-1810.00	0.00374
1070.00	-1810.00	0.00375	1270.00	-1810.00	0.00370
1470.00	-1810.00	0.00320	1670.00	-1810.00	0.00276
-4330.00	-1610.00	0.00247	-4130.00	-1610.00	0.00289
-3930.00	-1610.00	0.00307	-3730.00	-1610.00	0.00294
-3530.00	-1610.00	0.00274	-3330.00	-1610.00	0.00256
470.00	-1610.00	0.00501	670.00	-1610.00	0.00463
870.00	-1610.00	0.00474	1070.00	-1610.00	0.00397
1270.00	-1610.00	0.00344	1470.00	-1610.00	0.00312
1670.00	-1610.00	0.00295	-4330.00	-1410.00	0.00309
-4130.00	-1410.00	0.00320	-3930.00	-1410.00	0.00316
-3730.00	-1410.00	0.00349	-3530.00	-1410.00	0.00413
470.00	-1410.00	0.00619	670.00	-1410.00	0.00508
870.00	-1410.00	0.00421	1070.00	-1410.00	0.00408
1270.00	-1410.00	0.00397	1470.00	-1410.00	0.00346
1670.00	-1410.00	0.00289	-4330.00	-1210.00	0.00342
-4130.00	-1210.00	0.00390	-3930.00	-1210.00	0.00428
-3730.00	-1210.00	0.00463	-3530.00	-1210.00	0.00482
670.00	-1210.00	0.00575	870.00	-1210.00	0.00497
1070.00	-1210.00	0.00392	1270.00	-1210.00	0.00335
1470.00	-1210.00	0.00313	1670.00	-1210.00	0.00288
-4330.00	-1010.00	0.00368	-4130.00	-1010.00	0.00383
-3930.00	-1010.00	0.00398	-3730.00	-1010.00	0.00442
-3530.00	-1010.00	0.00517	670.00	-1010.00	0.00500
870.00	-1010.00	0.00464	1070.00	-1010.00	0.00412
1270.00	-1010.00	0.00368	1470.00	-1010.00	0.00335
1670.00	-1010.00	0.00307	-4330.00	-810.00	0.00387
-4130.00	-810.00	0.00437	-3930.00	-810.00	0.00479
-3730.00	-810.00	0.00550	-3530.00	-810.00	0.00642
870.00	-810.00	0.00527	1070.00	-810.00	0.00468
1270.00	-810.00	0.00417	1470.00	-810.00	0.00366

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

01/12/12

*** TCE

07:19:50

**MODELOPTs:

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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	0.00329	-4330.00	-610.00	0.00323
-4130.00	-610.00	0.00353	-3930.00	-610.00	0.00425
-3730.00	-610.00	0.00474	-3530.00	-610.00	0.00530
1070.00	-610.00	0.00442	1270.00	-610.00	0.00398
1470.00	-610.00	0.00359	1670.00	-610.00	0.00323
-4330.00	-410.00	0.00316	-4130.00	-410.00	0.00340
-3930.00	-410.00	0.00374	-3730.00	-410.00	0.00409
-3530.00	-410.00	0.00442	-3330.00	-410.00	0.00523
870.00	-410.00	0.00427	1070.00	-410.00	0.00374
1270.00	-410.00	0.00332	1470.00	-410.00	0.00299
1670.00	-410.00	0.00269	-4330.00	-210.00	0.00286
-4130.00	-210.00	0.00319	-3930.00	-210.00	0.00360
-3730.00	-210.00	0.00396	-3530.00	-210.00	0.00406

-3330.00	-210.00	0.00448	-3130.00	-210.00	0.00541
870.00	-210.00	0.00514	1070.00	-210.00	0.00461
1270.00	-210.00	0.00400	1470.00	-210.00	0.00345
1670.00	-210.00	0.00294	-4330.00	-10.00	0.00247
-4130.00	-10.00	0.00298	-3930.00	-10.00	0.00362
-3730.00	-10.00	0.00416	-3530.00	-10.00	0.00473
-3330.00	-10.00	0.00545	-3130.00	-10.00	0.00611
1070.00	-10.00	0.00433	1270.00	-10.00	0.00363
1470.00	-10.00	0.00315	1670.00	-10.00	0.00284
-4330.00	190.00	0.00300	-4130.00	190.00	0.00315
-3930.00	190.00	0.00374	-3730.00	190.00	0.00451
-3530.00	190.00	0.00440	-3330.00	190.00	0.00449
-3130.00	190.00	0.00506	-2930.00	190.00	0.00611
1070.00	190.00	0.00506	1270.00	190.00	0.00428
1470.00	190.00	0.00371	1670.00	190.00	0.00319
-4330.00	390.00	0.00299	-4130.00	390.00	0.00314
-3930.00	390.00	0.00313	-3730.00	390.00	0.00356
-3530.00	390.00	0.00396	-3330.00	390.00	0.00469
-3130.00	390.00	0.00569	-2930.00	390.00	0.00681
1270.00	390.00	0.00423	1470.00	390.00	0.00385
1670.00	390.00	0.00342	-4330.00	590.00	0.00250
-4130.00	590.00	0.00281	-3930.00	590.00	0.00302
-3730.00	590.00	0.00360	-3530.00	590.00	0.00421
-3330.00	590.00	0.00508	-3130.00	590.00	0.00479
-2930.00	590.00	0.00559	-2730.00	590.00	0.00844
-2530.00	590.00	0.00778	1270.00	590.00	0.00397
1470.00	590.00	0.00352	1670.00	590.00	0.00325

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

*** TCE ***

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**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	0.00235	-4130.00	790.00	0.00286
-3930.00	790.00	0.00321	-3730.00	790.00	0.00380
-3530.00	790.00	0.00384	-3330.00	790.00	0.00381
-3130.00	790.00	0.00548	-2930.00	790.00	0.00696
-2730.00	790.00	0.00619	-2530.00	790.00	0.00624
-2330.00	790.00	0.00671	-730.00	790.00	0.01024
1270.00	790.00	0.00490	1470.00	790.00	0.00396
1670.00	790.00	0.00319	-4330.00	990.00	0.00249
-4130.00	990.00	0.00287	-3930.00	990.00	0.00302
-3730.00	990.00	0.00295	-3530.00	990.00	0.00358
-3330.00	990.00	0.00508	-3130.00	990.00	0.00557
-2930.00	990.00	0.00506	-2730.00	990.00	0.00522
-2530.00	990.00	0.00574	-2330.00	990.00	0.00488
-2130.00	990.00	0.00559	-1130.00	990.00	0.01148
-930.00	990.00	0.01000	-730.00	990.00	0.00824
1470.00	990.00	0.00410	1670.00	990.00	0.00374
-4330.00	1190.00	0.00237	-4130.00	1190.00	0.00236
-3930.00	1190.00	0.00259	-3730.00	1190.00	0.00340
-3530.00	1190.00	0.00447	-3330.00	1190.00	0.00447
-3130.00	1190.00	0.00422	-2930.00	1190.00	0.00444
-2730.00	1190.00	0.00490	-2530.00	1190.00	0.00426
-2330.00	1190.00	0.00395	-2130.00	1190.00	0.00561
-1730.00	1190.00	0.00916	-1530.00	1190.00	0.00896
-1330.00	1190.00	0.01223	-1130.00	1190.00	0.00958
-930.00	1190.00	0.00769	-730.00	1190.00	0.00716
-530.00	1190.00	0.00666	1470.00	1190.00	0.00374
1670.00	1190.00	0.00345	-4330.00	1390.00	0.00202
-4130.00	1390.00	0.00240	-3930.00	1390.00	0.00313
-3730.00	1390.00	0.00381	-3530.00	1390.00	0.00365
-3330.00	1390.00	0.00356	-3130.00	1390.00	0.00381
-2930.00	1390.00	0.00419	-2730.00	1390.00	0.00382
-2530.00	1390.00	0.00347	-2330.00	1390.00	0.00436
-2130.00	1390.00	0.00565	-1930.00	1390.00	0.00708
-1730.00	1390.00	0.00919	-1530.00	1390.00	0.00814
-1330.00	1390.00	0.01058	-1130.00	1390.00	0.00810
-930.00	1390.00	0.00616	-730.00	1390.00	0.00632
-530.00	1390.00	0.00565	1270.00	1390.00	0.00363
1470.00	1390.00	0.00324	1670.00	1390.00	0.00313
-4330.00	1590.00	0.00223	-4130.00	1590.00	0.00282

-3930.00 1590.00 0.00319 -3730.00 1590.00 0.00306 ***
 1 *** AERMOD - VERSION 04300 *** *** C-400 design run ***
 01/12/12 *** TCE ***

07:19:50
 **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	0.00303	-3330.00	1590.00	0.00329
-3130.00	1590.00	0.00359	-2930.00	1590.00	0.00349
-2730.00	1590.00	0.00311	-2530.00	1590.00	0.00321
-2330.00	1590.00	0.00425	-2130.00	1590.00	0.00615
-1930.00	1590.00	0.00596	-1730.00	1590.00	0.00838
-1530.00	1590.00	0.00753	-1330.00	1590.00	0.00893
-1130.00	1590.00	0.00692	-930.00	1590.00	0.00519
-730.00	1590.00	0.00541	-530.00	1590.00	0.00483
870.00	1590.00	0.00365	1070.00	1590.00	0.00381
1270.00	1590.00	0.00364	1470.00	1590.00	0.00316
1670.00	1590.00	0.00283	-4330.00	1790.00	0.00249
-4130.00	1790.00	0.00266	-3930.00	1790.00	0.00260
-3730.00	1790.00	0.00260	-3530.00	1790.00	0.00285
-3330.00	1790.00	0.00310	-3130.00	1790.00	0.00317
-2930.00	1790.00	0.00276	-2730.00	1790.00	0.00266
-2530.00	1790.00	0.00357	-2330.00	1790.00	0.00423
-2130.00	1790.00	0.00582	-1930.00	1790.00	0.00571
-1730.00	1790.00	0.00706	-1530.00	1790.00	0.00713
-1330.00	1790.00	0.00767	-1130.00	1790.00	0.00595
-930.00	1790.00	0.00455	-730.00	1790.00	0.00464
-530.00	1790.00	0.00425	-330.00	1790.00	0.00414
670.00	1790.00	0.00337	870.00	1790.00	0.00327
1070.00	1790.00	0.00317	1270.00	1790.00	0.00324
1470.00	1790.00	0.00311	1670.00	1790.00	0.00276
-4330.00	1990.00	0.00224	-4130.00	1990.00	0.00224
-3930.00	1990.00	0.00225	-3730.00	1990.00	0.00248
-3530.00	1990.00	0.00270	-3330.00	1990.00	0.00284
-3130.00	1990.00	0.00247	-2930.00	1990.00	0.00240
-2730.00	1990.00	0.00269	-2530.00	1990.00	0.00345
-2330.00	1990.00	0.00478	-2130.00	1990.00	0.00506
-1930.00	1990.00	0.00586	-1730.00	1990.00	0.00575
-1530.00	1990.00	0.00655	-1330.00	1990.00	0.00683
-1130.00	1990.00	0.00526	-930.00	1990.00	0.00413
-730.00	1990.00	0.00402	-530.00	1990.00	0.00383
-330.00	1990.00	0.00366	270.00	1990.00	0.00316
470.00	1990.00	0.00307	670.00	1990.00	0.00300
870.00	1990.00	0.00294	1070.00	1990.00	0.00285
1270.00	1990.00	0.00277	1470.00	1990.00	0.00279
1670.00	1990.00	0.00269	-4330.00	2190.00	0.00194
-4130.00	2190.00	0.00196	-3930.00	2190.00	0.00217

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

07:19:50
 **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	0.00237	-3530.00	2190.00	0.00252
-3330.00	2190.00	0.00226	-3130.00	2190.00	0.00217
-2930.00	2190.00	0.00216	-2730.00	2190.00	0.00294
-2530.00	2190.00	0.00339	-2330.00	2190.00	0.00472
-2130.00	2190.00	0.00451	-1930.00	2190.00	0.00599
-1730.00	2190.00	0.00507	-1530.00	2190.00	0.00613

-1330.00	2190.00	0.00610	-1130.00	2190.00	0.00465
-930.00	2190.00	0.00373	-730.00	2190.00	0.00349
-530.00	2190.00	0.00342	-330.00	2190.00	0.00325
-130.00	2190.00	0.00318	70.00	2190.00	0.00303
270.00	2190.00	0.00287	470.00	2190.00	0.00275
670.00	2190.00	0.00269	870.00	2190.00	0.00264
1070.00	2190.00	0.00258	1270.00	2190.00	0.00252
1470.00	2190.00	0.00245	1670.00	2190.00	0.00243
-4330.00	2390.00	0.00173	-4130.00	2390.00	0.00191
-3930.00	2390.00	0.00208	-3730.00	2390.00	0.00222
-3530.00	2390.00	0.00208	-3330.00	2390.00	0.00193
-3130.00	2390.00	0.00192	-2930.00	2390.00	0.00233
-2730.00	2390.00	0.00283	-2530.00	2390.00	0.00370
-2330.00	2390.00	0.00426	-2130.00	2390.00	0.00412
-1930.00	2390.00	0.00560	-1730.00	2390.00	0.00471
-1530.00	2390.00	0.00564	-1330.00	2390.00	0.00546
-1130.00	2390.00	0.00413	-930.00	2390.00	0.00341
-730.00	2390.00	0.00305	-530.00	2390.00	0.00301
-330.00	2390.00	0.00291	-130.00	2390.00	0.00287
70.00	2390.00	0.00276	270.00	2390.00	0.00262
470.00	2390.00	0.00250	670.00	2390.00	0.00243
870.00	2390.00	0.00238	1070.00	2390.00	0.00234
1270.00	2390.00	0.00229	1470.00	2390.00	0.00224
1670.00	2390.00	0.00219	-2278.50	-554.40	0.01371
-2185.15	-590.25	0.01646	-2091.80	-626.10	0.02127
-1998.44	-661.96	0.02452	-1905.09	-697.81	0.02678
-1811.74	-733.66	0.03037	-1718.39	-769.51	0.03307
-1625.04	-805.37	0.04238	-1566.10	-828.00	0.05741
-1596.42	-923.29	0.04915	-1606.00	-953.40	0.04595
-1583.20	-964.80	0.04784	-1583.20	-981.90	0.04649
-1488.74	-1014.71	0.04804	-1452.20	-1027.40	0.04672
-1487.28	-1121.04	0.03551	-1522.36	-1214.69	0.02806
-1554.70	-1301.00	0.02317	-1606.00	-1295.30	0.02334
-1617.40	-1323.80	0.02203	-1697.20	-1295.30	0.02256

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

*** C-400 design run

*** TCE

07:19:50

**MODELOPTs:

PAGE 25

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
-1733.64	-1388.42	0.01882	-1748.50	-1426.40	0.01757
-1754.20	-1472.00	0.01630	-1771.30	-1511.90	0.01525
-1697.20	-1546.10	0.01492	-1651.60	-1574.60	0.01421
-1683.22	-1669.47	0.01236	-1714.30	-1762.70	0.01090
-1621.44	-1799.80	0.01065	-1528.57	-1836.90	0.01134
-1514.80	-1842.40	0.01140	-1548.43	-1936.57	0.01021
-1571.80	-2002.00	0.00949	-1477.82	-2036.18	0.00970
-1383.85	-2070.37	0.00876	-1289.87	-2104.55	0.00801
-1258.40	-2116.00	0.00793	-1224.77	-2021.83	0.00871
-1201.40	-1956.40	0.00950	-1107.53	-1990.88	0.00897
-1013.67	-2025.36	0.00882	-922.10	-2059.00	0.01041
-887.86	-1965.04	0.01078	-853.62	-1871.09	0.00995
-819.38	-1777.13	0.00879	-785.15	-1683.18	0.01018
-750.91	-1589.22	0.01026	-716.67	-1495.26	0.01020
-682.43	-1401.31	0.01090	-648.19	-1307.35	0.01226
-613.95	-1213.40	0.01397	-579.71	-1119.44	0.01508
-545.48	-1025.48	0.01737	-511.24	-931.53	0.01886
-477.00	-837.57	0.01872	-442.76	-743.62	0.01762
-408.52	-649.66	0.01765	-374.28	-555.71	0.01636
-340.04	-461.75	0.01688	-305.80	-367.79	0.01672
-271.57	-273.84	0.01757	-237.33	-179.88	0.01705
-203.09	-85.93	0.01617	-186.90	-41.50	0.01673
-280.82	-7.15	0.02131	-374.73	27.20	0.02271
-468.65	61.55	0.02533	-562.56	95.90	0.02614
-656.48	130.25	0.02446	-750.39	164.60	0.02533
-844.31	198.95	0.02541	-938.22	233.30	0.02436
-1032.14	267.65	0.02815	-1126.05	302.00	0.02703
-1219.97	336.35	0.02685	-1313.88	370.70	0.02784
-1407.80	405.05	0.02313	-1501.71	439.40	0.02022
-1595.63	473.75	0.01666	-1689.54	508.10	0.01434
-1783.46	542.45	0.01106	-1877.37	576.80	0.00889
-1885.30	579.70	0.00870	-1918.06	485.22	0.00847

-1950.82	390.74	0.01005	-1983.57	296.25	0.01199
-2016.33	201.77	0.01304	-2049.09	107.29	0.01678
-2081.85	12.81	0.01451	-2114.60	-81.68	0.01687
-2147.36	-176.16	0.01348	-2180.12	-270.64	0.01469
-2212.88	-365.12	0.01356	-2245.64	-459.61	0.01268
-2278.39	-554.09	0.01370	-2278.50	-554.40	0.01371
-144.10	2174.40	0.00321	-178.76	2080.60	0.00340
-213.42	1986.80	0.00360	-248.08	1893.00	0.00383

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

*** TCE ***

07:19:50
**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	0.00407	-317.41	1705.40	0.00435
-352.07	1611.59	0.00466	-386.73	1517.79	0.00501
-421.39	1423.99	0.00540	-456.05	1330.19	0.00584
-490.71	1236.39	0.00634	-525.37	1142.59	0.00692
-560.04	1048.79	0.00759	-594.70	954.99	0.00838
-629.36	861.19	0.00930	-664.02	767.39	0.01039
-670.00	751.20	0.01060	-763.24	787.34	0.01028
-856.48	823.49	0.01114	-949.72	859.63	0.01168
-1042.96	895.78	0.01033	-1136.20	931.92	0.01214
-1229.44	968.07	0.01218	-1322.67	1004.21	0.01437
-1415.91	1040.36	0.01240	-1509.15	1076.50	0.00981
-1602.39	1112.65	0.01119	-1695.63	1148.79	0.00996
-1788.87	1184.94	0.00801	-1882.11	1221.08	0.00800
-1975.35	1257.23	0.00780	-2000.30	1266.90	0.00738
-2032.42	1172.20	0.00652	-2064.55	1077.50	0.00612
-2096.67	982.80	0.00599	-2128.80	888.10	0.00537
-2160.92	793.40	0.00579	-2193.04	698.70	0.00689
-2196.20	689.40	0.00704	-2277.80	631.60	0.00788
-2359.41	573.80	0.00761	-2441.01	516.00	0.00847
-2443.70	514.10	0.00852	-2539.33	484.87	0.00969
-2634.96	455.63	0.00854	-2730.60	426.40	0.00624
-2815.00	400.60	0.00622	-2858.53	310.57	0.00748
-2902.06	220.54	0.00644	-2945.58	130.51	0.00558
-2989.11	40.48	0.00591	-3032.64	-49.55	0.00669
-3076.17	-139.58	0.00620	-3119.69	-229.61	0.00543
-3163.22	-319.64	0.00555	-3206.75	-409.67	0.00559
-3250.28	-499.70	0.00563	-3268.70	-537.80	0.00546
-3344.62	-602.89	0.00582	-3413.10	-661.60	0.00609
-3465.27	-746.91	0.00637	-3517.44	-832.22	0.00646
-3526.60	-847.20	0.00637	-3497.85	-942.98	0.00504
-3469.10	-1038.76	0.00571	-3464.70	-1053.40	0.00579
-3481.11	-1152.04	0.00539	-3485.30	-1177.20	0.00516
-3445.34	-1268.87	0.00416	-3405.39	-1360.54	0.00447
-3365.43	-1452.21	0.00379	-3325.48	-1543.88	0.00287
-3285.52	-1635.56	0.00290	-3245.57	-1727.23	0.00389
-3205.61	-1818.90	0.00343	-3165.66	-1910.57	0.00341
-3134.70	-1981.60	0.00410	-3039.74	-2012.95	0.00518
-2944.78	-2044.30	0.00594	-2849.83	-2075.65	0.00582
-2754.87	-2107.01	0.00530	-2659.91	-2138.36	0.00536
-2564.95	-2169.71	0.00577	-2469.99	-2201.06	0.00600

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

*** TCE ***

07:19:50
**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	0.00595	-2280.08	-2263.76	0.00579
-2185.12	-2295.12	0.00574	-2090.16	-2326.47	0.00586
-2041.60	-2342.50	0.00592	-1941.67	-2338.66	0.00603
-1841.75	-2334.82	0.00596	-1741.82	-2330.98	0.00659
-1641.89	-2327.15	0.00721	-1541.97	-2323.31	0.00768
-1442.04	-2319.47	0.00726	-1342.12	-2315.63	0.00687
-1242.19	-2311.79	0.00684	-1237.20	-2311.60	0.00661
-1143.30	-2345.98	0.00714	-1049.39	-2380.37	0.00640
-955.49	-2414.75	0.00660	-861.59	-2449.13	0.00775
-767.68	-2483.52	0.00752	-673.78	-2517.90	0.00616
-579.88	-2552.28	0.00449	-505.00	-2579.70	0.00446
-471.72	-2485.40	0.00533	-438.44	-2391.10	0.00536
-405.16	-2296.80	0.00444	-371.88	-2202.50	0.00435
-338.60	-2108.20	0.00494	-305.32	-2013.90	0.00487
-272.04	-1919.60	0.00513	-257.50	-1878.40	0.00541
-168.96	-1924.89	0.00513	-80.43	-1971.38	0.00469
8.11	-2017.87	0.00426	96.65	-2064.36	0.00395
155.00	-2095.00	0.00385	195.61	-2003.62	0.00417
236.23	-1912.24	0.00391	276.84	-1820.86	0.00416
317.46	-1729.48	0.00441	358.07	-1638.09	0.00551
398.68	-1546.71	0.00532	439.30	-1455.33	0.00579
479.91	-1363.95	0.00605	485.00	-1352.50	0.00601
485.00	-1252.50	0.00547	485.00	-1187.50	0.00605
521.66	-1094.46	0.00620	558.32	-1001.43	0.00536
594.99	-908.39	0.00560	619.10	-847.20	0.00582
707.34	-894.26	0.00532	773.80	-929.70	0.00498
819.59	-840.80	0.00536	865.39	-751.90	0.00500
911.18	-663.01	0.00465	949.10	-589.40	0.00481
884.70	-512.90	0.00489	820.30	-436.40	0.00446
784.10	-393.40	0.00460	825.48	-302.37	0.00522
866.87	-211.33	0.00515	908.25	-120.30	0.00451
938.80	-53.10	0.00462	973.09	40.84	0.00508
1007.38	134.77	0.00521	1041.67	228.71	0.00511
1075.96	322.65	0.00479	1110.25	416.58	0.00439
1144.55	510.52	0.00426	1178.84	604.46	0.00451
1213.13	698.39	0.00493	1247.42	792.33	0.00498
1281.71	886.27	0.00467	1316.00	980.21	0.00439
1350.29	1074.14	0.00413	1384.58	1168.08	0.00384
1413.10	1246.20	0.00359	1327.20	1297.40	0.00353
1241.30	1348.60	0.00370	1155.41	1399.80	0.00397

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

07:19:50
**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	0.00423	983.61	1502.21	0.00414
897.71	1553.41	0.00379	811.81	1604.61	0.00363
725.92	1655.81	0.00361	640.02	1707.01	0.00356
554.12	1758.21	0.00349	468.22	1809.41	0.00341
382.33	1860.61	0.00334	296.43	1911.81	0.00329
210.53	1963.02	0.00325	124.63	2014.22	0.00324
38.73	2065.42	0.00324	-47.16	2116.62	0.00323
-133.06	2167.82	0.00322			

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

07:19:50
**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			

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- - - - -
ALL 1ST HIGHEST VALUE IS 0.05741 AT ( -1566.10, -828.00, 0.00, 0.00, 0.00) DC
2ND HIGHEST VALUE IS 0.04915 AT ( -1596.42, -923.29, 0.00, 0.00, 0.00) DC
3RD HIGHEST VALUE IS 0.04804 AT ( -1488.74, -1014.71, 0.00, 0.00, 0.00) DC
4TH HIGHEST VALUE IS 0.04784 AT ( -1583.20, -964.80, 0.00, 0.00, 0.00) DC
5TH HIGHEST VALUE IS 0.04672 AT ( -1452.20, -1027.40, 0.00, 0.00, 0.00) DC
6TH HIGHEST VALUE IS 0.04649 AT ( -1583.20, -981.90, 0.00, 0.00, 0.00) DC
7TH HIGHEST VALUE IS 0.04595 AT ( -1606.00, -953.40, 0.00, 0.00, 0.00) DC
8TH HIGHEST VALUE IS 0.04238 AT ( -1625.04, -805.37, 0.00, 0.00, 0.00) DC
9TH HIGHEST VALUE IS 0.03551 AT ( -1487.28, -1121.04, 0.00, 0.00, 0.00) DC
10TH HIGHEST VALUE IS 0.03307 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 ***
01/12/12

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*** TCE ***

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07:19:50

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**MODELOPTs:

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PAGE 30

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CONC DFAULT ELEV

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

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

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```

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 ***

```

```

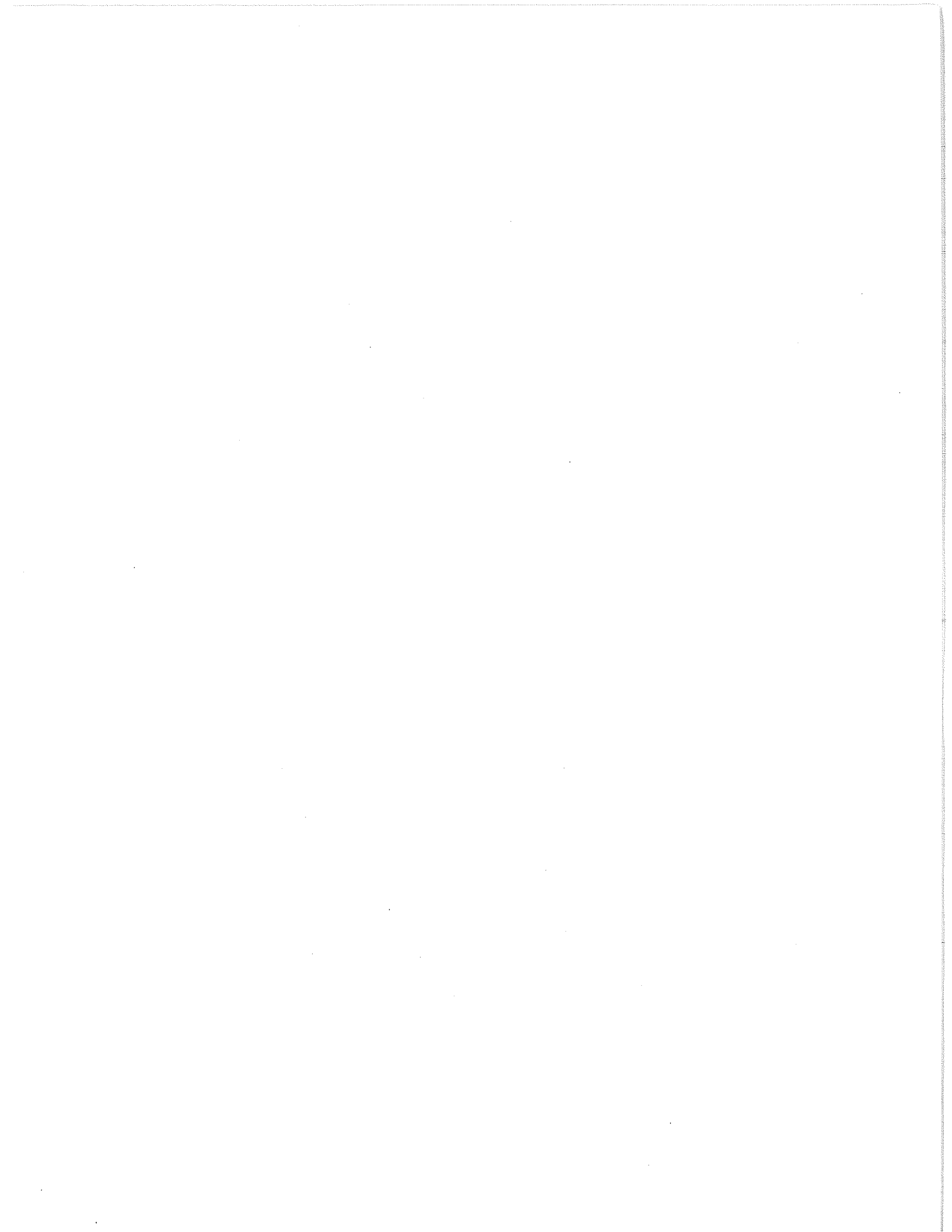
***** WARNING MESSAGES *****
*** NONE ***

```

```

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

```



Run Began on 1/12/2012 at 7:19:37

RUN INFORMATION

BPIP Run File: M:\Data\BREEZE\AERMOD5\Projects\C-400 RAWP 2\TCE Property Boundary 300 flow .bpi
Output List File: M:\Data\BREEZE\AERMOD5\Projects\C-400 RAWP 2\TCE Property Boundary 300 flow .bpo
Output Wake File: M:\Data\BREEZE\AERMOD5\Projects\C-400 RAWP 2\TCE Property Boundary 300 flow .WAK

BREEZE BPIP - M:\Data\BREEZE\AERMOD5\Projects\C-400 RAWP 2\TCE Property Bounda

BPIP (Dated: 04274)

DATE : 1/12/2012

TIME : 7:19:37

BREEZE BPIP - M:\Data\BREEZE\AERMOD5\Projects\C-400 RAWP 2\TCE Property Bounda

=====
BPIP PROCESSING INFORMATION:
=====

The P flag has been set for preparing downwash related data for a model run utilizing the PRIME algorithm.

Inputs entered in METERS will be converted to meters using a conversion factor of 1.0000. Output will be in meters.

The UTM variable is set to UTM. The input is assumed to be in UTM coordinates. BPIP will move the UTM origin to the first pair of UTM coordinates read. The UTM coordinates of the new origin will be subtracted from all the other UTM coordinates entered to form this new local coordinate system.

The new local coordinates will be displayed in parentheses just below the UTM coordinates they represent.

Plant north is set to 0.00 degrees with respect to True North.

=====
INPUT SUMMARY:
=====

Number of buildings to be processed : 8

BLD1 has 1 tier(s) with a base elevation of 0.00 METERS

BUILDING NAME	TIER NUMBER	BLDG-TIER NUMBER	TIER HEIGHT	NO. OF CORNERS	CORNER X	COORDINATES Y
BLD1	1	1	16.76	13	-1699.00	-1377.70 meters
					(0.00	0.00) meters
					-1722.20	-1441.30 meters
					(-23.20	-63.60) meters
					-1713.20	-1445.10 meters
					(-14.20	-67.40) meters
					-1716.70	-1456.20 meters
					(-17.70	-78.50) meters
					-1702.40	-1462.50 meters
					(-3.40	-84.80) meters
					-1704.90	-1468.00 meters
					(-5.90	-90.30) meters
					-1697.90	-1470.50 meters
					(1.10	-92.80) meters
					-1685.40	-1436.40 meters
					(13.60	-58.70) meters
					-1680.20	-1438.20 meters
					(18.80	-60.50) meters
					-1671.50	-1414.90 meters
					(27.50	-37.20) meters
					-1677.10	-1413.20 meters
					(21.90	-35.50) meters
					-1668.80	-1389.60 meters
					(30.20	-11.90) meters
					-1699.70	-1378.10 meters
					(-0.70	-0.40) meters

BLD2 has 1 tier(s) with a base elevation of 0.00 METERS

BUILDING NAME	TIER NUMBER	BLDG-TIER NUMBER	TIER HEIGHT	NO. OF CORNERS	CORNER X	COORDINATES Y
BLD2	1	2	16.76	4		
					-1322.70	-1284.80 meters
				(	376.30	92.90) meters
					-1046.30	-1384.80 meters
				(	652.70	-7.10) meters
					-929.60	-1072.30 meters
				(	769.40	305.40) meters
					-1208.80	-970.90 meters
				(	490.20	406.80) meters

BLD3 has 1 tier(s) with a base elevation of 0.00 METERS

BUILDING NAME	TIER NUMBER	BLDG-TIER NUMBER	TIER HEIGHT	NO. OF CORNERS	CORNER X	COORDINATES Y
BLD3	1	3	16.76	4		
					-1126.90	-900.10 meters
				(	572.10	477.60) meters
					-899.20	-986.30 meters
				(	799.80	391.40) meters
					-832.50	-800.10 meters
				(	866.50	577.60) meters
					-1061.70	-718.20 meters
				(	637.30	659.50) meters

BLD4 has 1 tier(s) with a base elevation of 0.00 METERS

BUILDING NAME	TIER NUMBER	BLDG-TIER NUMBER	TIER HEIGHT	NO. OF CORNERS	CORNER X	COORDINATES Y
BLD4	1	4	16.76	4		
					-932.40	-389.00 meters
				(	766.60	988.70) meters
					-618.50	-504.30 meters
				(	1080.50	873.40) meters
					-515.80	-225.10 meters
				(	1183.20	1152.60) meters
					-831.00	-111.20 meters
				(	868.00	1266.50) meters

BLD5 has 1 tier(s) with a base elevation of 0.00 METERS

BUILDING NAME	TIER NUMBER	BLDG-TIER NUMBER	TIER HEIGHT	NO. OF CORNERS	CORNER X	COORDINATES Y
BLD5	1	5	16.76	4		
					-1174.10	-300.10 meters
				(	524.90	1077.60) meters
					-989.40	-369.60 meters
				(	709.60	1008.10) meters
					-904.60	-136.20 meters
				(	794.40	1241.50) meters
					-1089.40	-72.30 meters
				(	609.60	1305.40) meters

BLD6 has 1 tier(s) with a base elevation of 0.00 METERS

BUILDING NAME	TIER NUMBER	BLDG-TIER NUMBER	TIER HEIGHT	NO. OF CORNERS	CORNER X	COORDINATES Y
BLD6	1	6	16.76	25		
					-1189.30	-598.70 meters
				(	509.70	779.00) meters
					-1156.00	-611.20 meters
				(	543.00	766.50) meters
					-1150.40	-602.90 meters
				(	548.60	774.80) meters
					-1108.80	-616.70 meters
				(	590.20	761.00) meters
					-1104.60	-608.40 meters
				(	594.40	769.30) meters
					-1068.50	-620.90 meters
				(	630.50	756.80) meters
					-1060.20	-604.20 meters
				(	638.80	773.50) meters
					-1051.80	-607.00 meters
				(	647.20	770.70) meters
					-1036.60	-566.70 meters
				(	662.40	811.00) meters
					-1047.70	-562.60 meters

```

(      651.30      815.10) meters
-1046.30 -558.40 meters
(      652.70      819.30) meters
-1075.50 -547.30 meters
(      623.50      830.40) meters
-1078.20 -551.50 meters
(      620.80      826.20) meters
-1101.80 -544.50 meters
(      597.20      833.20) meters
-1100.50 -536.20 meters
(      598.50      841.50) meters
-1117.10 -529.20 meters
(      581.90      848.50) meters
-1121.30 -536.20 meters
(      577.70      841.50) meters
-1142.10 -526.50 meters
(      556.90      851.20) meters
-1140.70 -518.10 meters
(      558.30      859.60) meters
-1157.40 -512.60 meters
(      541.60      865.10) meters
-1162.90 -523.70 meters
(      536.10      854.00) meters
-1178.20 -520.90 meters
(      520.80      856.80) meters
-1181.00 -526.50 meters
(      518.00      851.20) meters
-1193.50 -523.70 meters
(      505.50      854.00) meters
-1207.40 -557.00 meters
(      491.60      820.70) meters

```

BLD7 has 1 tier(s) with a base elevation of 0.00 METERS

BUILDING NAME	TIER NUMBER	BLDG-TIER NUMBER	TIER HEIGHT	NO. OF CORNERS	CORNER X	COORDINATES Y
BLD7	1	7	16.76	8	-1325.30	-533.50 meters
					(373.70	844.20) meters
					-1268.40	-555.70 meters
					(430.60	822.00) meters
					-1264.20	-543.20 meters
					(434.80	834.50) meters
					-1257.30	-546.00 meters
					(441.70	831.70) meters
					-1217.00	-441.80 meters
					(482.00	935.90) meters
					-1225.30	-439.00 meters
					(473.70	938.70) meters
					-1217.00	-405.70 meters
					(482.00	972.00) meters
					-1272.60	-384.90 meters
					(426.40	992.80) meters

BLD8 has 1 tier(s) with a base elevation of 0.00 METERS

BUILDING NAME	TIER NUMBER	BLDG-TIER NUMBER	TIER HEIGHT	NO. OF CORNERS	CORNER X	COORDINATES Y
BLD8	1	8	16.76	10	-1826.70	-630.60 meters
					(-127.70	747.10) meters
					-1608.70	-712.50 meters
					(90.30	665.20) meters
					-1565.60	-602.80 meters
					(133.40	774.90) meters
					-1608.70	-582.00 meters
					(90.30	795.70) meters
					-1603.10	-566.70 meters
					(95.90	811.00) meters
					-1736.50	-519.50 meters
					(-37.50	858.20) meters
					-1740.60	-537.50 meters
					(-41.60	840.20) meters
					-1783.70	-523.60 meters
					(-84.70	854.10) meters
					-1810.10	-594.50 meters
					(-111.10	783.20) meters
					-1815.60	-593.10 meters
					(-116.60	784.60) meters

Number of stacks to be processed : 1

STACK STACK COORDINATES

STACK NAME	BASE	HEIGHT	X	Y
SRC1	0.00	6.10 METERS		
			-1237.50	-551.60 meters
			(461.50	826.10) meters

No stacks have been detected as being atop any structures.

Overall GEP Summary Table
(Units: meters)

StkNo: 1 Stk Name:SRC1 Stk Ht: 6.10 Prelim. GEP Stk.Ht: 65.00
 GEP: BH: 16.76 PBW: 92.56 *Eqnl Ht: 41.91
 *adjusted for a Stack-Building elevation difference of 0.00
 No. of Tiers affecting Stk: 1 Direction occurred: 290.50
 Bldg-Tier nos. contributing to GEP: 6

Summary By Direction Table
(Units: meters)

Dominate stand alone tiers:

Drtcn: 10.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
 GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
 Single tier MAX: BH: 16.76 PBW: 90.73 PBL: 167.48 *Wake Effect Ht: 41.91
 Relative Coordinates of Projected Width Mid-point: XADJ: -9.40 YADJ: 44.24
 *adjusted for a Stack-Building elevation difference of 0.00
 BldNo: 7 Bld Name:BLD7 TierNo: 1

Drtcn: 20.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
 GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
 No single tier affects this stack for this direction.

Drtcn: 30.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
 GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
 No single tier affects this stack for this direction.

Drtcn: 40.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
 GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
 No single tier affects this stack for this direction.

Drtcn: 50.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
 GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
 Single tier MAX: BH: 16.76 PBW: 154.89 PBL: 137.54 *Wake Effect Ht: 41.91
 Relative Coordinates of Projected Width Mid-point: XADJ: 6.65 YADJ: -84.36
 *adjusted for a Stack-Building elevation difference of 0.00
 BldNo: 6 Bld Name:BLD6 TierNo: 1

Drtcn: 60.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
 GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
 Single tier MAX: BH: 16.76 PBW: 146.68 PBL: 148.24 *Wake Effect Ht: 41.91
 Relative Coordinates of Projected Width Mid-point: XADJ: 18.19 YADJ: -71.18
 *adjusted for a Stack-Building elevation difference of 0.00
 BldNo: 6 Bld Name:BLD6 TierNo: 1

Drtcn: 70.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
 GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
 Single tier MAX: BH: 16.76 PBW: 134.09 PBL: 157.18 *Wake Effect Ht: 41.91
 Relative Coordinates of Projected Width Mid-point: XADJ: 26.44 YADJ: -55.88
 *adjusted for a Stack-Building elevation difference of 0.00
 BldNo: 6 Bld Name:BLD6 TierNo: 1

Drtcn: 80.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
Single tier MAX: BH: 16.76 PBW: 122.09 PBL: 166.52 *Wake Effect Ht: 41.91
Relative Coordinates of Projected Width Mid-point: XADJ: 28.71 YADJ: -36.55

*adjusted for a Stack-Building elevation difference of 0.00
BldNo: 6 Bld Name:BLD6 TierNo: 1

Drtcn: 90.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
Single tier MAX: BH: 16.76 PBW: 108.30 PBL: 170.80 *Wake Effect Ht: 41.91
Relative Coordinates of Projected Width Mid-point: XADJ: 30.10 YADJ: -15.15

*adjusted for a Stack-Building elevation difference of 0.00
BldNo: 6 Bld Name:BLD6 TierNo: 1

Drtcn: 100.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
Single tier MAX: BH: 16.76 PBW: 96.86 PBL: 169.89 *Wake Effect Ht: 41.91
Relative Coordinates of Projected Width Mid-point: XADJ: 30.58 YADJ: 3.89

*adjusted for a Stack-Building elevation difference of 0.00
BldNo: 6 Bld Name:BLD6 TierNo: 1

Drtcn: 110.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
Single tier MAX: BH: 16.76 PBW: 92.72 PBL: 163.82 *Wake Effect Ht: 41.91
Relative Coordinates of Projected Width Mid-point: XADJ: 30.13 YADJ: 18.23

*adjusted for a Stack-Building elevation difference of 0.00
BldNo: 6 Bld Name:BLD6 TierNo: 1

Drtcn: 120.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
Single tier MAX: BH: 16.76 PBW: 106.40 PBL: 164.37 *Wake Effect Ht: 41.91
Relative Coordinates of Projected Width Mid-point: XADJ: 24.16 YADJ: 36.51

*adjusted for a Stack-Building elevation difference of 0.00
BldNo: 6 Bld Name:BLD6 TierNo: 1

Drtcn: 130.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
Single tier MAX: BH: 16.76 PBW: 122.79 PBL: 162.09 *Wake Effect Ht: 41.91
Relative Coordinates of Projected Width Mid-point: XADJ: 15.77 YADJ: 56.30

*adjusted for a Stack-Building elevation difference of 0.00
BldNo: 6 Bld Name:BLD6 TierNo: 1

Drtcn: 140.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
Single tier MAX: BH: 16.76 PBW: 137.54 PBL: 154.89 *Wake Effect Ht: 41.91
Relative Coordinates of Projected Width Mid-point: XADJ: 6.91 YADJ: 75.42

*adjusted for a Stack-Building elevation difference of 0.00
BldNo: 6 Bld Name:BLD6 TierNo: 1

Drtcn: 150.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
Single tier MAX: BH: 16.76 PBW: 157.69 PBL: 150.02 *Wake Effect Ht: 41.91
Relative Coordinates of Projected Width Mid-point: XADJ: -161.92 YADJ: 11.86

*adjusted for a Stack-Building elevation difference of 0.00
BldNo: 7 Bld Name:BLD7 TierNo: 1

Drtcn: 160.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91

Single tier MAX: BH: 16.76 PBW: 145.48 PBL: 161.94 *Wake Effect Ht: 41.91
Relative Coordinates of Projected Width Mid-point: XADJ: -168.65 YADJ: -3.57

*adjusted for a Stack-Building elevation difference of 0.00
BldNo: 7 Bld Name:BLD7 TierNo: 1

Drtcn: 170.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
Single tier MAX: BH: 16.76 PBW: 128.85 PBL: 168.93 *Wake Effect Ht: 41.91
Relative Coordinates of Projected Width Mid-point: XADJ: -170.26 YADJ: -18.90

*adjusted for a Stack-Building elevation difference of 0.00
BldNo: 7 Bld Name:BLD7 TierNo: 1

Drtcn: 180.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
Single tier MAX: BH: 16.76 PBW: 108.30 PBL: 170.80 *Wake Effect Ht: 41.91
Relative Coordinates of Projected Width Mid-point: XADJ: -166.70 YADJ: -33.65

*adjusted for a Stack-Building elevation difference of 0.00
BldNo: 7 Bld Name:BLD7 TierNo: 1

Drtcn: 190.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
Single tier MAX: BH: 16.76 PBW: 90.73 PBL: 167.48 *Wake Effect Ht: 41.91
Relative Coordinates of Projected Width Mid-point: XADJ: -158.07 YADJ: -44.24

*adjusted for a Stack-Building elevation difference of 0.00
BldNo: 7 Bld Name:BLD7 TierNo: 1

Drtcn: 200.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
No single tier affects this stack for this direction.

Drtcn: 210.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
No single tier affects this stack for this direction.

Drtcn: 220.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
No single tier affects this stack for this direction.

Drtcn: 230.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
Single tier MAX: BH: 16.76 PBW: 154.89 PBL: 137.54 *Wake Effect Ht: 41.91
Relative Coordinates of Projected Width Mid-point: XADJ: -144.19 YADJ: 84.36

*adjusted for a Stack-Building elevation difference of 0.00
BldNo: 6 Bld Name:BLD6 TierNo: 1

Drtcn: 240.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
Single tier MAX: BH: 16.76 PBW: 146.68 PBL: 148.24 *Wake Effect Ht: 41.91
Relative Coordinates of Projected Width Mid-point: XADJ: -166.43 YADJ: 71.18

*adjusted for a Stack-Building elevation difference of 0.00
BldNo: 6 Bld Name:BLD6 TierNo: 1

Drtcn: 250.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
Single tier MAX: BH: 16.76 PBW: 134.09 PBL: 157.18 *Wake Effect Ht: 41.91
Relative Coordinates of Projected Width Mid-point: XADJ: -183.62 YADJ: 55.88

*adjusted for a Stack-Building elevation difference of 0.00
BldNo: 6 Bld Name:BLD6 TierNo: 1

Drtcn: 260.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
Single tier MAX: BH: 16.76 PBW: 122.09 PBL: 166.52 *Wake Effect Ht: 41.91
Relative Coordinates of Projected Width Mid-point: XADJ: -195.23 YADJ: 36.55

*adjusted for a Stack-Building elevation difference of 0.00
BldNo: 6 Bld Name:BLD6 TierNo: 1

Drtcn: 270.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
Single tier MAX: BH: 16.76 PBW: 108.30 PBL: 170.80 *Wake Effect Ht: 41.91
Relative Coordinates of Projected Width Mid-point: XADJ: -200.90 YADJ: 15.15

*adjusted for a Stack-Building elevation difference of 0.00
BldNo: 6 Bld Name:BLD6 TierNo: 1

Drtcn: 280.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
Single tier MAX: BH: 16.76 PBW: 96.86 PBL: 169.89 *Wake Effect Ht: 41.91
Relative Coordinates of Projected Width Mid-point: XADJ: -200.47 YADJ: -3.89

*adjusted for a Stack-Building elevation difference of 0.00
BldNo: 6 Bld Name:BLD6 TierNo: 1

Drtcn: 290.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
Single tier MAX: BH: 16.76 PBW: 92.72 PBL: 163.82 *Wake Effect Ht: 41.91
Relative Coordinates of Projected Width Mid-point: XADJ: -193.95 YADJ: -18.23

*adjusted for a Stack-Building elevation difference of 0.00
BldNo: 6 Bld Name:BLD6 TierNo: 1

Drtcn: 300.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
Single tier MAX: BH: 16.76 PBW: 106.40 PBL: 164.37 *Wake Effect Ht: 41.91
Relative Coordinates of Projected Width Mid-point: XADJ: -188.52 YADJ: -36.51

*adjusted for a Stack-Building elevation difference of 0.00
BldNo: 6 Bld Name:BLD6 TierNo: 1

Drtcn: 310.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
Single tier MAX: BH: 16.76 PBW: 122.79 PBL: 162.09 *Wake Effect Ht: 41.91
Relative Coordinates of Projected Width Mid-point: XADJ: -177.86 YADJ: -56.30

*adjusted for a Stack-Building elevation difference of 0.00
BldNo: 6 Bld Name:BLD6 TierNo: 1

Drtcn: 320.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
Single tier MAX: BH: 16.76 PBW: 137.54 PBL: 154.89 *Wake Effect Ht: 41.91
Relative Coordinates of Projected Width Mid-point: XADJ: -161.80 YADJ: -75.42

*adjusted for a Stack-Building elevation difference of 0.00
BldNo: 6 Bld Name:BLD6 TierNo: 1

Drtcn: 330.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
Single tier MAX: BH: 16.76 PBW: 157.69 PBL: 150.02 *Wake Effect Ht: 41.91
Relative Coordinates of Projected Width Mid-point: XADJ: 11.90 YADJ: -11.86

*adjusted for a Stack-Building elevation difference of 0.00
BldNo: 7 Bld Name:BLD7 TierNo: 1

Drtcn: 340.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
Single tier MAX: BH: 16.76 PBW: 145.48 PBL: 161.94 *Wake Effect Ht: 41.91
Relative Coordinates of Projected Width Mid-point: XADJ: 6.72 YADJ: 3.58

*adjusted for a Stack-Building elevation difference of 0.00
BldNo: 7 Bld Name:BLD7 TierNo: 1

Drtcn: 350.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
Single tier MAX: BH: 16.76 PBW: 128.85 PBL: 168.93 *Wake Effect Ht: 41.91
Relative Coordinates of Projected Width Mid-point: XADJ: 1.33 YADJ: 18.90

*adjusted for a Stack-Building elevation difference of 0.00
BldNo: 7 Bld Name:BLD7 TierNo: 1

Drtcn: 360.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
Single tier MAX: BH: 16.76 PBW: 108.30 PBL: 170.80 *Wake Effect Ht: 41.91
Relative Coordinates of Projected Width Mid-point: XADJ: -4.10 YADJ: 33.65

*adjusted for a Stack-Building elevation difference of 0.00
BldNo: 7 Bld Name:BLD7 TierNo: 1

Dominant combined buildings:

Drtcn: 10.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
No combined tiers affect this stack for this direction.

Drtcn: 20.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
No combined tiers affect this stack for this direction.

Drtcn: 30.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
No combined tiers affect this stack for this direction.

Drtcn: 40.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
No combined tiers affect this stack for this direction.

Drtcn: 50.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
No combined tiers affect this stack for this direction.

Drtcn: 60.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
No combined tiers affect this stack for this direction.

Drtcn: 70.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
No combined tiers affect this stack for this direction.

Drtcn: 80.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
No combined tiers affect this stack for this direction.

Drtcn: 90.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
No combined tiers affect this stack for this direction.

Drtcn: 100.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91

No combined tiers affect this stack for this direction.

Drtcn: 110.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
No combined tiers affect this stack for this direction.

Drtcn: 120.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
No combined tiers affect this stack for this direction.

Drtcn: 130.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
No combined tiers affect this stack for this direction.

Drtcn: 140.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
No combined tiers affect this stack for this direction.

Drtcn: 150.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
No combined tiers affect this stack for this direction.

Drtcn: 160.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
No combined tiers affect this stack for this direction.

Drtcn: 170.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
No combined tiers affect this stack for this direction.

Drtcn: 180.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
No combined tiers affect this stack for this direction.

Drtcn: 190.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
No combined tiers affect this stack for this direction.

Drtcn: 200.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
No combined tiers affect this stack for this direction.

Drtcn: 210.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
No combined tiers affect this stack for this direction.

Drtcn: 220.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
No combined tiers affect this stack for this direction.

Drtcn: 230.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
No combined tiers affect this stack for this direction.

Drtcn: 240.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
No combined tiers affect this stack for this direction.

Drtcn: 250.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
No combined tiers affect this stack for this direction.

Drtcn: 260.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
No combined tiers affect this stack for this direction.

Drtcn: 270.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
No combined tiers affect this stack for this direction.

Drtcn: 280.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
No combined tiers affect this stack for this direction.

Drtcn: 290.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
No combined tiers affect this stack for this direction.

Drtcn: 300.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
No combined tiers affect this stack for this direction.

Drtcn: 310.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
No combined tiers affect this stack for this direction.

Drtcn: 320.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
No combined tiers affect this stack for this direction.

Drtcn: 330.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
No combined tiers affect this stack for this direction.

Drtcn: 340.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
No combined tiers affect this stack for this direction.

Drtcn: 350.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
No combined tiers affect this stack for this direction.

Drtcn: 360.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 6.10
GEP: BH: 16.76 PBW: 92.56 *Equation 1 Ht: 41.91
No combined tiers affect this stack for this direction.

