

## Dichloroethylene Fugitive AERMOD Summary File Report

AERMOD Summary Report

Control

PRIME model in use  
Title one = C-400 Design Fugitive Emissions  
Title two = DCE  
Pollutant = DCE  
Elevated terrain  
Averaging:  
    ANNUAL  
Dispersion options:  
    Regulatory default option  
    Concentration  
List file = C:\Program Files\BREEZE\AERMOD5\Projects\C400 Design runs\DCE Fugitive C-400.lst

Meteorology

Input file = C:\PROGRAM FILES\BREEZE\AERMOD5\PADUCAH WINDFILES\PAHBNA03.SFC  
File format = ASCII  
Profile file = C:\PROGRAM FILES\BREEZE\AERMOD5\PADUCAH WINDFILES\PAHBNA03.PFL  
Base elevation = 120  
Anemometer height = 0  
Surface station number = 72435  
Surface station year = 2003  
Upper air station number = 00013897  
Upper air station year = 2003  
Start date = 01/01/2003  
Start hour = 1  
End date = 12/31/2003  
End hour = 24

Source

Sources = 1  
    Min Elev: 0.0 m  
    Max Elev: 0.0 m  
Groups = 1

Receptor

Grids = 1  
Discrete receptors = 0  
    Min Elev: 0.0 m  
    Max Elev: 0.0 m  
Boundary receptors = 276  
    Min Elev: 0.0 m  
    Max Elev: 0.0 m

Output

Receptor tables:  
    1 hour = first high

## Dichloroethylene Fugitive AERMOD Input File Report

\*\* BREEZE AERMOD GIS Pro v5.1.7 - C:\Program Files\BREEZE\AERMOD5\Projects\C400 Design runs\DCE Fugitive C-400.dat

\*\* Trinity Consultants

\*\* PRIME  
\*\* CAVZONE

CO STARTING  
CO TITLEONE C-400 Design Fugitive Emissions  
CO TITLETWO DCE  
CO MODELOPT DFAULT CONC  
CO AVERTIME ANNUAL  
CO POLLUTID DCE  
CO RUNORNOT RUN  
CO FINISHED

SO STARTING  
SO ELEVUNIT METERS  
SO LOCATION SRC1 POINT -1237.5 -551.6 0  
\*\* SRCDESCR C-400 Design Fugitive  
SO SRCPARAM SRC1 3.500000E-06 0.3048 294.2611 1.694631E-03 0.3048  
SO BUILDHGT SRC1 16.76 0.0 0.0 0.0 16.76 16.76  
SO BUILDHGT SRC1 16.76 16.76 16.76 16.76 16.76 16.76  
SO BUILDHGT SRC1 16.76 16.76 16.76 16.76 16.76 16.76  
SO BUILDHGT SRC1 16.76 0.0 0.0 0.0 16.76 16.76  
SO BUILDHGT SRC1 16.76 16.76 16.76 16.76 16.76 16.76  
SO BUILDHGT SRC1 16.76 16.76 16.76 16.76 16.76 16.76  
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 BUILDLEN SRC1 167.48 0.0 0.0 0.0 137.54 148.24  
SO BUILDLEN SRC1 157.18 166.52 170.8 169.89 163.82 164.37  
SO BUILDLEN SRC1 162.09 154.89 150.02 161.94 168.93 170.8  
SO BUILDLEN SRC1 167.48 0.0 0.0 0.0 137.54 148.24  
SO BUILDLEN SRC1 157.18 166.52 170.8 169.89 163.82 164.37  
SO BUILDLEN 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  
RE DISCCART -4330.0 -3610.0 0 0  
RE DISCCART -4130.0 -3610.0 0 0  
RE DISCCART -3930.0 -3610.0 0 0  
RE DISCCART -3730.0 -3610.0 0 0  
RE DISCCART -3530.0 -3610.0 0 0  
RE DISCCART -3330.0 -3610.0 0 0  
RE DISCCART -3130.0 -3610.0 0 0  
RE DISCCART -2930.0 -3610.0 0 0  
RE DISCCART -2730.0 -3610.0 0 0  
RE DISCCART -2530.0 -3610.0 0 0  
RE DISCCART -2330.0 -3610.0 0 0  
RE DISCCART -2130.0 -3610.0 0 0  
RE DISCCART -1930.0 -3610.0 0 0  
RE DISCCART -1730.0 -3610.0 0 0  
RE DISCCART -1530.0 -3610.0 0 0  
RE DISCCART -1330.0 -3610.0 0 0  
RE DISCCART -1130.0 -3610.0 0 0  
RE DISCCART -930.0 -3610.0 0 0  
RE DISCCART -730.0 -3610.0 0 0  
RE DISCCART -530.0 -3610.0 0 0  
RE DISCCART -330.0 -3610.0 0 0  
RE DISCCART -130.0 -3610.0 0 0





RE DISCCART	-1530.0	-3010.0	0	0
RE DISCCART	-1330.0	-3010.0	0	0
RE DISCCART	-1130.0	-3010.0	0	0
RE DISCCART	-930.0	-3010.0	0	0
RE DISCCART	-730.0	-3010.0	0	0
RE DISCCART	-530.0	-3010.0	0	0
RE DISCCART	-330.0	-3010.0	0	0
RE DISCCART	-130.0	-3010.0	0	0
RE DISCCART	70.0	-3010.0	0	0
RE DISCCART	270.0	-3010.0	0	0
RE DISCCART	470.0	-3010.0	0	0
RE DISCCART	670.0	-3010.0	0	0
RE DISCCART	870.0	-3010.0	0	0
RE DISCCART	1070.0	-3010.0	0	0
RE DISCCART	1270.0	-3010.0	0	0
RE DISCCART	1470.0	-3010.0	0	0
RE DISCCART	1670.0	-3010.0	0	0
RE DISCCART	-4330.0	-2810.0	0	0
RE DISCCART	-4130.0	-2810.0	0	0
RE DISCCART	-3930.0	-2810.0	0	0
RE DISCCART	-3730.0	-2810.0	0	0
RE DISCCART	-3530.0	-2810.0	0	0
RE DISCCART	-3330.0	-2810.0	0	0
RE DISCCART	-3130.0	-2810.0	0	0
RE DISCCART	-2930.0	-2810.0	0	0
RE DISCCART	-2730.0	-2810.0	0	0
RE DISCCART	-2530.0	-2810.0	0	0
RE DISCCART	-2330.0	-2810.0	0	0
RE DISCCART	-2130.0	-2810.0	0	0
RE DISCCART	-1930.0	-2810.0	0	0
RE DISCCART	-1730.0	-2810.0	0	0
RE DISCCART	-1530.0	-2810.0	0	0
RE DISCCART	-1330.0	-2810.0	0	0
RE DISCCART	-1130.0	-2810.0	0	0
RE DISCCART	-930.0	-2810.0	0	0
RE DISCCART	-730.0	-2810.0	0	0
RE DISCCART	-530.0	-2810.0	0	0
RE DISCCART	-330.0	-2810.0	0	0
RE DISCCART	-130.0	-2810.0	0	0
RE DISCCART	70.0	-2810.0	0	0
RE DISCCART	270.0	-2810.0	0	0
RE DISCCART	470.0	-2810.0	0	0
RE DISCCART	670.0	-2810.0	0	0
RE DISCCART	870.0	-2810.0	0	0
RE DISCCART	1070.0	-2810.0	0	0
RE DISCCART	1270.0	-2810.0	0	0
RE DISCCART	1470.0	-2810.0	0	0
RE DISCCART	1670.0	-2810.0	0	0
RE DISCCART	-4330.0	-2610.0	0	0
RE DISCCART	-4130.0	-2610.0	0	0
RE DISCCART	-3930.0	-2610.0	0	0
RE DISCCART	-3730.0	-2610.0	0	0
RE DISCCART	-3530.0	-2610.0	0	0
RE DISCCART	-3330.0	-2610.0	0	0
RE DISCCART	-3130.0	-2610.0	0	0
RE DISCCART	-2930.0	-2610.0	0	0
RE DISCCART	-2730.0	-2610.0	0	0
RE DISCCART	-2530.0	-2610.0	0	0
RE DISCCART	-2330.0	-2610.0	0	0
RE DISCCART	-2130.0	-2610.0	0	0
RE DISCCART	-1930.0	-2610.0	0	0
RE DISCCART	-1730.0	-2610.0	0	0
RE DISCCART	-1530.0	-2610.0	0	0
RE DISCCART	-1330.0	-2610.0	0	0
RE DISCCART	-1130.0	-2610.0	0	0
RE DISCCART	-930.0	-2610.0	0	0
RE DISCCART	-730.0	-2610.0	0	0
RE DISCCART	-530.0	-2610.0	0	0
RE DISCCART	-330.0	-2610.0	0	0
RE DISCCART	-130.0	-2610.0	0	0
RE DISCCART	70.0	-2610.0	0	0
RE DISCCART	270.0	-2610.0	0	0
RE DISCCART	470.0	-2610.0	0	0
RE DISCCART	670.0	-2610.0	0	0
RE DISCCART	870.0	-2610.0	0	0
RE DISCCART	1070.0	-2610.0	0	0
RE DISCCART	1270.0	-2610.0	0	0
RE DISCCART	1470.0	-2610.0	0	0
RE DISCCART	1670.0	-2610.0	0	0
RE DISCCART	-4330.0	-2410.0	0	0
RE DISCCART	-4130.0	-2410.0	0	0
RE DISCCART	-3930.0	-2410.0	0	0
RE DISCCART	-3730.0	-2410.0	0	0
RE DISCCART	-3530.0	-2410.0	0	0
RE DISCCART	-3330.0	-2410.0	0	0

RE DISCCART	-3130.0	-2410.0	0	0
RE DISCCART	-2930.0	-2410.0	0	0
RE DISCCART	-2730.0	-2410.0	0	0
RE DISCCART	-2530.0	-2410.0	0	0
RE DISCCART	-2330.0	-2410.0	0	0
RE DISCCART	-2130.0	-2410.0	0	0
RE DISCCART	-1930.0	-2410.0	0	0
RE DISCCART	-1730.0	-2410.0	0	0
RE DISCCART	-1530.0	-2410.0	0	0
RE DISCCART	-1330.0	-2410.0	0	0
RE DISCCART	-1130.0	-2410.0	0	0
RE DISCCART	-330.0	-2410.0	0	0
RE DISCCART	-130.0	-2410.0	0	0
RE DISCCART	70.0	-2410.0	0	0
RE DISCCART	270.0	-2410.0	0	0
RE DISCCART	470.0	-2410.0	0	0
RE DISCCART	670.0	-2410.0	0	0
RE DISCCART	870.0	-2410.0	0	0
RE DISCCART	1070.0	-2410.0	0	0
RE DISCCART	1270.0	-2410.0	0	0
RE DISCCART	1470.0	-2410.0	0	0
RE DISCCART	1670.0	-2410.0	0	0
RE DISCCART	-4330.0	-2210.0	0	0
RE DISCCART	-4130.0	-2210.0	0	0
RE DISCCART	-3930.0	-2210.0	0	0
RE DISCCART	-3730.0	-2210.0	0	0
RE DISCCART	-3530.0	-2210.0	0	0
RE DISCCART	-3330.0	-2210.0	0	0
RE DISCCART	-3130.0	-2210.0	0	0
RE DISCCART	-2930.0	-2210.0	0	0
RE DISCCART	-2730.0	-2210.0	0	0
RE DISCCART	-2530.0	-2210.0	0	0
RE DISCCART	-330.0	-2210.0	0	0
RE DISCCART	-130.0	-2210.0	0	0
RE DISCCART	70.0	-2210.0	0	0
RE DISCCART	270.0	-2210.0	0	0
RE DISCCART	470.0	-2210.0	0	0
RE DISCCART	670.0	-2210.0	0	0
RE DISCCART	870.0	-2210.0	0	0
RE DISCCART	1070.0	-2210.0	0	0
RE DISCCART	1270.0	-2210.0	0	0
RE DISCCART	1470.0	-2210.0	0	0
RE DISCCART	1670.0	-2210.0	0	0
RE DISCCART	-4330.0	-2010.0	0	0
RE DISCCART	-4130.0	-2010.0	0	0
RE DISCCART	-3930.0	-2010.0	0	0
RE DISCCART	-3730.0	-2010.0	0	0
RE DISCCART	-3530.0	-2010.0	0	0
RE DISCCART	-3330.0	-2010.0	0	0
RE DISCCART	-3130.0	-2010.0	0	0
RE DISCCART	-130.0	-2010.0	0	0
RE DISCCART	270.0	-2010.0	0	0
RE DISCCART	470.0	-2010.0	0	0
RE DISCCART	670.0	-2010.0	0	0
RE DISCCART	870.0	-2010.0	0	0
RE DISCCART	1070.0	-2010.0	0	0
RE DISCCART	1270.0	-2010.0	0	0
RE DISCCART	1470.0	-2010.0	0	0
RE DISCCART	1670.0	-2010.0	0	0
RE DISCCART	-4330.0	-1810.0	0	0
RE DISCCART	-4130.0	-1810.0	0	0
RE DISCCART	-3930.0	-1810.0	0	0
RE DISCCART	-3730.0	-1810.0	0	0
RE DISCCART	-3530.0	-1810.0	0	0
RE DISCCART	-3330.0	-1810.0	0	0
RE DISCCART	470.0	-1810.0	0	0
RE DISCCART	670.0	-1810.0	0	0
RE DISCCART	870.0	-1810.0	0	0
RE DISCCART	1070.0	-1810.0	0	0
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
RE DISCCART	-3930.0	-1610.0	0	0
RE DISCCART	-3730.0	-1610.0	0	0
RE DISCCART	-3530.0	-1610.0	0	0
RE DISCCART	-3330.0	-1610.0	0	0
RE DISCCART	470.0	-1610.0	0	0
RE DISCCART	670.0	-1610.0	0	0
RE DISCCART	870.0	-1610.0	0	0
RE DISCCART	1070.0	-1610.0	0	0
RE DISCCART	1270.0	-1610.0	0	0
RE DISCCART	1470.0	-1610.0	0	0
RE DISCCART	1670.0	-1610.0	0	0

RE DISCCART	-4330.0	-1410.0	0	0
RE DISCCART	-4130.0	-1410.0	0	0
RE DISCCART	-3930.0	-1410.0	0	0
RE DISCCART	-3730.0	-1410.0	0	0
RE DISCCART	-3530.0	-1410.0	0	0
RE DISCCART	470.0	-1410.0	0	0
RE DISCCART	670.0	-1410.0	0	0
RE DISCCART	870.0	-1410.0	0	0
RE DISCCART	1070.0	-1410.0	0	0
RE DISCCART	1270.0	-1410.0	0	0
RE DISCCART	1470.0	-1410.0	0	0
RE DISCCART	1670.0	-1410.0	0	0
RE DISCCART	-4330.0	-1210.0	0	0
RE DISCCART	-4130.0	-1210.0	0	0
RE DISCCART	-3930.0	-1210.0	0	0
RE DISCCART	-3730.0	-1210.0	0	0
RE DISCCART	-3530.0	-1210.0	0	0
RE DISCCART	670.0	-1210.0	0	0
RE DISCCART	870.0	-1210.0	0	0
RE DISCCART	1070.0	-1210.0	0	0
RE DISCCART	1270.0	-1210.0	0	0
RE DISCCART	1470.0	-1210.0	0	0
RE DISCCART	1670.0	-1210.0	0	0
RE DISCCART	-4330.0	-1010.0	0	0
RE DISCCART	-4130.0	-1010.0	0	0
RE DISCCART	-3930.0	-1010.0	0	0
RE DISCCART	-3730.0	-1010.0	0	0
RE DISCCART	-3530.0	-1010.0	0	0
RE DISCCART	670.0	-1010.0	0	0
RE DISCCART	870.0	-1010.0	0	0
RE DISCCART	1070.0	-1010.0	0	0
RE DISCCART	1270.0	-1010.0	0	0
RE DISCCART	1470.0	-1010.0	0	0
RE DISCCART	1670.0	-1010.0	0	0
RE DISCCART	-4330.0	-810.0	0	0
RE DISCCART	-4130.0	-810.0	0	0
RE DISCCART	-3930.0	-810.0	0	0
RE DISCCART	-3730.0	-810.0	0	0
RE DISCCART	-3530.0	-810.0	0	0
RE DISCCART	870.0	-810.0	0	0
RE DISCCART	1070.0	-810.0	0	0
RE DISCCART	1270.0	-810.0	0	0
RE DISCCART	1470.0	-810.0	0	0
RE DISCCART	1670.0	-810.0	0	0
RE DISCCART	-4330.0	-610.0	0	0
RE DISCCART	-4130.0	-610.0	0	0
RE DISCCART	-3930.0	-610.0	0	0
RE DISCCART	-3730.0	-610.0	0	0
RE DISCCART	-3530.0	-610.0	0	0
RE DISCCART	1070.0	-610.0	0	0
RE DISCCART	1270.0	-610.0	0	0
RE DISCCART	1470.0	-610.0	0	0
RE DISCCART	1670.0	-610.0	0	0
RE DISCCART	-4330.0	-410.0	0	0
RE DISCCART	-4130.0	-410.0	0	0
RE DISCCART	-3930.0	-410.0	0	0
RE DISCCART	-3730.0	-410.0	0	0
RE DISCCART	-3530.0	-410.0	0	0
RE DISCCART	-3330.0	-410.0	0	0
RE DISCCART	870.0	-410.0	0	0
RE DISCCART	1070.0	-410.0	0	0
RE DISCCART	1270.0	-410.0	0	0
RE DISCCART	1470.0	-410.0	0	0
RE DISCCART	1670.0	-410.0	0	0
RE DISCCART	-4330.0	-210.0	0	0
RE DISCCART	-4130.0	-210.0	0	0
RE DISCCART	-3930.0	-210.0	0	0
RE DISCCART	-3730.0	-210.0	0	0
RE DISCCART	-3530.0	-210.0	0	0
RE DISCCART	-3330.0	-210.0	0	0
RE DISCCART	-3130.0	-210.0	0	0
RE DISCCART	870.0	-210.0	0	0
RE DISCCART	1070.0	-210.0	0	0
RE DISCCART	1270.0	-210.0	0	0
RE DISCCART	1470.0	-210.0	0	0
RE DISCCART	1670.0	-210.0	0	0
RE DISCCART	-4330.0	-10.0	0	0
RE DISCCART	-4130.0	-10.0	0	0
RE DISCCART	-3930.0	-10.0	0	0
RE DISCCART	-3730.0	-10.0	0	0
RE DISCCART	-3530.0	-10.0	0	0
RE DISCCART	-3330.0	-10.0	0	0
RE DISCCART	-3130.0	-10.0	0	0
RE DISCCART	1070.0	-10.0	0	0
RE DISCCART	1270.0	-10.0	0	0



RE DISCCART	1470.0	-10.0	0	0
RE DISCCART	1670.0	-10.0	0	0
RE DISCCART	-4330.0	190.0	0	0
RE DISCCART	-4130.0	190.0	0	0
RE DISCCART	-3930.0	190.0	0	0
RE DISCCART	-3730.0	190.0	0	0
RE DISCCART	-3530.0	190.0	0	0
RE DISCCART	-3330.0	190.0	0	0
RE DISCCART	-3130.0	190.0	0	0
RE DISCCART	-2930.0	190.0	0	0
RE DISCCART	1070.0	190.0	0	0
RE DISCCART	1270.0	190.0	0	0
RE DISCCART	1470.0	190.0	0	0
RE DISCCART	1670.0	190.0	0	0
RE DISCCART	-4330.0	390.0	0	0
RE DISCCART	-4130.0	390.0	0	0
RE DISCCART	-3930.0	390.0	0	0
RE DISCCART	-3730.0	390.0	0	0
RE DISCCART	-3530.0	390.0	0	0
RE DISCCART	-3330.0	390.0	0	0
RE DISCCART	-3130.0	390.0	0	0
RE DISCCART	-2930.0	390.0	0	0
RE DISCCART	1270.0	390.0	0	0
RE DISCCART	1470.0	390.0	0	0
RE DISCCART	1670.0	390.0	0	0
RE DISCCART	-4330.0	590.0	0	0
RE DISCCART	-4130.0	590.0	0	0
RE DISCCART	-3930.0	590.0	0	0
RE DISCCART	-3730.0	590.0	0	0
RE DISCCART	-3530.0	590.0	0	0
RE DISCCART	-3330.0	590.0	0	0
RE DISCCART	-3130.0	590.0	0	0
RE DISCCART	-2930.0	590.0	0	0
RE DISCCART	-2730.0	590.0	0	0
RE DISCCART	-2530.0	590.0	0	0
RE DISCCART	1270.0	590.0	0	0
RE DISCCART	1470.0	590.0	0	0
RE DISCCART	1670.0	590.0	0	0
RE DISCCART	-4330.0	790.0	0	0
RE DISCCART	-4130.0	790.0	0	0
RE DISCCART	-3930.0	790.0	0	0
RE DISCCART	-3730.0	790.0	0	0
RE DISCCART	-3530.0	790.0	0	0
RE DISCCART	-3330.0	790.0	0	0
RE DISCCART	-3130.0	790.0	0	0
RE DISCCART	-2930.0	790.0	0	0
RE DISCCART	-2730.0	790.0	0	0
RE DISCCART	-2530.0	790.0	0	0
RE DISCCART	-2330.0	790.0	0	0
RE DISCCART	-730.0	790.0	0	0
RE DISCCART	1270.0	790.0	0	0
RE DISCCART	1470.0	790.0	0	0
RE DISCCART	1670.0	790.0	0	0
RE DISCCART	-4330.0	990.0	0	0
RE DISCCART	-4130.0	990.0	0	0
RE DISCCART	-3930.0	990.0	0	0
RE DISCCART	-3730.0	990.0	0	0
RE DISCCART	-3530.0	990.0	0	0
RE DISCCART	-3330.0	990.0	0	0
RE DISCCART	-3130.0	990.0	0	0
RE DISCCART	-2930.0	990.0	0	0
RE DISCCART	-2730.0	990.0	0	0
RE DISCCART	-2530.0	990.0	0	0
RE DISCCART	-2330.0	990.0	0	0
RE DISCCART	-2130.0	990.0	0	0
RE DISCCART	-1130.0	990.0	0	0
RE DISCCART	-930.0	990.0	0	0
RE DISCCART	-730.0	990.0	0	0
RE DISCCART	1470.0	990.0	0	0
RE DISCCART	1670.0	990.0	0	0
RE DISCCART	-4330.0	1190.0	0	0
RE DISCCART	-4130.0	1190.0	0	0
RE DISCCART	-3930.0	1190.0	0	0
RE DISCCART	-3730.0	1190.0	0	0
RE DISCCART	-3530.0	1190.0	0	0
RE DISCCART	-3330.0	1190.0	0	0
RE DISCCART	-3130.0	1190.0	0	0
RE DISCCART	-2930.0	1190.0	0	0
RE DISCCART	-2730.0	1190.0	0	0
RE DISCCART	-2530.0	1190.0	0	0
RE DISCCART	-2330.0	1190.0	0	0
RE DISCCART	-2130.0	1190.0	0	0
RE DISCCART	-1730.0	1190.0	0	0
RE DISCCART	-1530.0	1190.0	0	0
RE DISCCART	-1330.0	1190.0	0	0

RE DISCCART	-1130.0	1190.0	0	0
RE DISCCART	-930.0	1190.0	0	0
RE DISCCART	-730.0	1190.0	0	0
RE DISCCART	-530.0	1190.0	0	0
RE DISCCART	1470.0	1190.0	0	0
RE DISCCART	1670.0	1190.0	0	0
RE DISCCART	-4330.0	1390.0	0	0
RE DISCCART	-4130.0	1390.0	0	0
RE DISCCART	-3930.0	1390.0	0	0
RE DISCCART	-3730.0	1390.0	0	0
RE DISCCART	-3530.0	1390.0	0	0
RE DISCCART	-3330.0	1390.0	0	0
RE DISCCART	-3130.0	1390.0	0	0
RE DISCCART	-2930.0	1390.0	0	0
RE DISCCART	-2730.0	1390.0	0	0
RE DISCCART	-2530.0	1390.0	0	0
RE DISCCART	-2330.0	1390.0	0	0
RE DISCCART	-2130.0	1390.0	0	0
RE DISCCART	-1930.0	1390.0	0	0
RE DISCCART	-1730.0	1390.0	0	0
RE DISCCART	-1530.0	1390.0	0	0
RE DISCCART	-1330.0	1390.0	0	0
RE DISCCART	-1130.0	1390.0	0	0
RE DISCCART	-930.0	1390.0	0	0
RE DISCCART	-730.0	1390.0	0	0
RE DISCCART	-530.0	1390.0	0	0
RE DISCCART	1270.0	1390.0	0	0
RE DISCCART	1470.0	1390.0	0	0
RE DISCCART	1670.0	1390.0	0	0
RE DISCCART	-4330.0	1590.0	0	0
RE DISCCART	-4130.0	1590.0	0	0
RE DISCCART	-3930.0	1590.0	0	0
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
RE DISCCART	-2730.0	1590.0	0	0
RE DISCCART	-2530.0	1590.0	0	0
RE DISCCART	-2330.0	1590.0	0	0
RE DISCCART	-2130.0	1590.0	0	0
RE DISCCART	-1930.0	1590.0	0	0
RE DISCCART	-1730.0	1590.0	0	0
RE DISCCART	-1530.0	1590.0	0	0
RE DISCCART	-1330.0	1590.0	0	0
RE DISCCART	-1130.0	1590.0	0	0
RE DISCCART	-930.0	1590.0	0	0
RE DISCCART	-730.0	1590.0	0	0
RE DISCCART	-530.0	1590.0	0	0
RE DISCCART	870.0	1590.0	0	0
RE DISCCART	1070.0	1590.0	0	0
RE DISCCART	1270.0	1590.0	0	0
RE DISCCART	1470.0	1590.0	0	0
RE DISCCART	1670.0	1590.0	0	0
RE DISCCART	-4330.0	1790.0	0	0
RE DISCCART	-4130.0	1790.0	0	0
RE DISCCART	-3930.0	1790.0	0	0
RE DISCCART	-3730.0	1790.0	0	0
RE DISCCART	-3530.0	1790.0	0	0
RE DISCCART	-3330.0	1790.0	0	0
RE DISCCART	-3130.0	1790.0	0	0
RE DISCCART	-2930.0	1790.0	0	0
RE DISCCART	-2730.0	1790.0	0	0
RE DISCCART	-2530.0	1790.0	0	0
RE DISCCART	-2330.0	1790.0	0	0
RE DISCCART	-2130.0	1790.0	0	0
RE DISCCART	-1930.0	1790.0	0	0
RE DISCCART	-1730.0	1790.0	0	0
RE DISCCART	-1530.0	1790.0	0	0
RE DISCCART	-1330.0	1790.0	0	0
RE DISCCART	-1130.0	1790.0	0	0
RE DISCCART	-930.0	1790.0	0	0
RE DISCCART	-730.0	1790.0	0	0
RE DISCCART	-530.0	1790.0	0	0
RE DISCCART	-330.0	1790.0	0	0
RE DISCCART	670.0	1790.0	0	0
RE DISCCART	870.0	1790.0	0	0
RE DISCCART	1070.0	1790.0	0	0
RE DISCCART	1270.0	1790.0	0	0
RE DISCCART	1470.0	1790.0	0	0
RE DISCCART	1670.0	1790.0	0	0
RE DISCCART	-4330.0	1990.0	0	0
RE DISCCART	-4130.0	1990.0	0	0
RE DISCCART	-3930.0	1990.0	0	0
RE DISCCART	-3730.0	1990.0	0	0



RE DISCCART	-3530.0	1990.0	0	0
RE DISCCART	-3330.0	1990.0	0	0
RE DISCCART	-3130.0	1990.0	0	0
RE DISCCART	-2930.0	1990.0	0	0
RE DISCCART	-2730.0	1990.0	0	0
RE DISCCART	-2530.0	1990.0	0	0
RE DISCCART	-2330.0	1990.0	0	0
RE DISCCART	-2130.0	1990.0	0	0
RE DISCCART	-1930.0	1990.0	0	0
RE DISCCART	-1730.0	1990.0	0	0
RE DISCCART	-1530.0	1990.0	0	0
RE DISCCART	-1330.0	1990.0	0	0
RE DISCCART	-1130.0	1990.0	0	0
RE DISCCART	-930.0	1990.0	0	0
RE DISCCART	-730.0	1990.0	0	0
RE DISCCART	-530.0	1990.0	0	0
RE DISCCART	-330.0	1990.0	0	0
RE DISCCART	270.0	1990.0	0	0
RE DISCCART	470.0	1990.0	0	0
RE DISCCART	670.0	1990.0	0	0
RE DISCCART	870.0	1990.0	0	0
RE DISCCART	1070.0	1990.0	0	0
RE DISCCART	1270.0	1990.0	0	0
RE DISCCART	1470.0	1990.0	0	0
RE DISCCART	1670.0	1990.0	0	0
RE DISCCART	-4330.0	2190.0	0	0
RE DISCCART	-4130.0	2190.0	0	0
RE DISCCART	-3930.0	2190.0	0	0
RE DISCCART	-3730.0	2190.0	0	0
RE DISCCART	-3530.0	2190.0	0	0
RE DISCCART	-3330.0	2190.0	0	0
RE DISCCART	-3130.0	2190.0	0	0
RE DISCCART	-2930.0	2190.0	0	0
RE DISCCART	-2730.0	2190.0	0	0
RE DISCCART	-2530.0	2190.0	0	0
RE DISCCART	-2330.0	2190.0	0	0
RE DISCCART	-2130.0	2190.0	0	0
RE DISCCART	-1930.0	2190.0	0	0
RE DISCCART	-1730.0	2190.0	0	0
RE DISCCART	-1530.0	2190.0	0	0
RE DISCCART	-1330.0	2190.0	0	0
RE DISCCART	-1130.0	2190.0	0	0
RE DISCCART	-930.0	2190.0	0	0
RE DISCCART	-730.0	2190.0	0	0
RE DISCCART	-530.0	2190.0	0	0
RE DISCCART	-330.0	2190.0	0	0
RE DISCCART	-130.0	2190.0	0	0
RE DISCCART	70.0	2190.0	0	0
RE DISCCART	270.0	2190.0	0	0
RE DISCCART	470.0	2190.0	0	0
RE DISCCART	670.0	2190.0	0	0
RE DISCCART	870.0	2190.0	0	0
RE DISCCART	1070.0	2190.0	0	0
RE DISCCART	1270.0	2190.0	0	0
RE DISCCART	1470.0	2190.0	0	0
RE DISCCART	1670.0	2190.0	0	0
RE DISCCART	-4330.0	2390.0	0	0
RE DISCCART	-4130.0	2390.0	0	0
RE DISCCART	-3930.0	2390.0	0	0
RE DISCCART	-3730.0	2390.0	0	0
RE DISCCART	-3530.0	2390.0	0	0
RE DISCCART	-3330.0	2390.0	0	0
RE DISCCART	-3130.0	2390.0	0	0
RE DISCCART	-2930.0	2390.0	0	0
RE DISCCART	-2730.0	2390.0	0	0
RE DISCCART	-2530.0	2390.0	0	0
RE DISCCART	-2330.0	2390.0	0	0
RE DISCCART	-2130.0	2390.0	0	0
RE DISCCART	-1930.0	2390.0	0	0
RE DISCCART	-1730.0	2390.0	0	0
RE DISCCART	-1530.0	2390.0	0	0
RE DISCCART	-1330.0	2390.0	0	0
RE DISCCART	-1130.0	2390.0	0	0
RE DISCCART	-930.0	2390.0	0	0
RE DISCCART	-730.0	2390.0	0	0
RE DISCCART	-530.0	2390.0	0	0
RE DISCCART	-330.0	2390.0	0	0
RE DISCCART	-130.0	2390.0	0	0
RE DISCCART	70.0	2390.0	0	0
RE DISCCART	270.0	2390.0	0	0
RE DISCCART	470.0	2390.0	0	0
RE DISCCART	670.0	2390.0	0	0
RE DISCCART	870.0	2390.0	0	0
RE DISCCART	1070.0	2390.0	0	0
RE DISCCART	1270.0	2390.0	0	0

RE DISCCART	1470.0	2390.0	0	0
RE DISCCART	1670.0	2390.0	0	0
** BOUNDARY	BND1			
RE DISCCART	-2278.5	-554.4	0	0
RE DISCCART	-2185.15	-590.25	0	0
RE DISCCART	-2091.8	-626.1	0	0
RE DISCCART	-1998.44	-661.96	0	0
RE DISCCART	-1905.09	-697.81	0	0
RE DISCCART	-1811.74	-733.66	0	0
RE DISCCART	-1718.39	-769.51	0	0
RE DISCCART	-1625.04	-805.37	0	0
RE DISCCART	-1566.1	-828.0	0	0
RE DISCCART	-1596.42	-923.29	0	0
RE DISCCART	-1606.0	-953.4	0	0
RE DISCCART	-1583.2	-964.8	0	0
RE DISCCART	-1583.2	-981.9	0	0
RE DISCCART	-1488.74	-1014.71	0	0
RE DISCCART	-1452.2	-1027.4	0	0
RE DISCCART	-1487.28	-1121.04	0	0
RE DISCCART	-1522.36	-1214.69	0	0
RE DISCCART	-1554.7	-1301.0	0	0
RE DISCCART	-1606.0	-1295.3	0	0
RE DISCCART	-1617.4	-1323.8	0	0
RE DISCCART	-1697.2	-1295.3	0	0
RE DISCCART	-1733.64	-1388.42	0	0
RE DISCCART	-1748.5	-1426.4	0	0
RE DISCCART	-1754.2	-1472.0	0	0
RE DISCCART	-1771.3	-1511.9	0	0
RE DISCCART	-1697.2	-1546.1	0	0
RE DISCCART	-1651.6	-1574.6	0	0
RE DISCCART	-1683.22	-1669.47	0	0
RE DISCCART	-1714.3	-1762.7	0	0
RE DISCCART	-1621.44	-1799.8	0	0
RE DISCCART	-1528.57	-1836.9	0	0
RE DISCCART	-1514.8	-1842.4	0	0
RE DISCCART	-1548.43	-1936.57	0	0
RE DISCCART	-1571.8	-2002.0	0	0
RE DISCCART	-1477.82	-2036.18	0	0
RE DISCCART	-1383.85	-2070.37	0	0
RE DISCCART	-1289.87	-2104.55	0	0
RE DISCCART	-1258.4	-2116.0	0	0
RE DISCCART	-1224.77	-2021.83	0	0
RE DISCCART	-1201.4	-1956.4	0	0
RE DISCCART	-1107.53	-1990.88	0	0
RE DISCCART	-1013.67	-2025.36	0	0
RE DISCCART	-922.1	-2059.0	0	0
RE DISCCART	-887.86	-1965.04	0	0
RE DISCCART	-853.62	-1871.09	0	0
RE DISCCART	-819.38	-1777.13	0	0
RE DISCCART	-785.15	-1683.18	0	0
RE DISCCART	-750.91	-1589.22	0	0
RE DISCCART	-716.67	-1495.26	0	0
RE DISCCART	-682.43	-1401.31	0	0
RE DISCCART	-648.19	-1307.35	0	0
RE DISCCART	-613.95	-1213.4	0	0
RE DISCCART	-579.71	-1119.44	0	0
RE DISCCART	-545.48	-1025.48	0	0
RE DISCCART	-511.24	-931.53	0	0
RE DISCCART	-477.0	-837.57	0	0
RE DISCCART	-442.76	-743.62	0	0
RE DISCCART	-408.52	-649.66	0	0
RE DISCCART	-374.28	-555.71	0	0
RE DISCCART	-340.04	-461.75	0	0
RE DISCCART	-305.8	-367.79	0	0
RE DISCCART	-271.57	-273.84	0	0
RE DISCCART	-237.33	-179.88	0	0
RE DISCCART	-203.09	-85.93	0	0
RE DISCCART	-186.9	-41.5	0	0
RE DISCCART	-280.82	-7.15	0	0
RE DISCCART	-374.73	27.2	0	0
RE DISCCART	-468.65	61.55	0	0
RE DISCCART	-562.56	95.9	0	0
RE DISCCART	-656.48	130.25	0	0
RE DISCCART	-750.39	164.6	0	0
RE DISCCART	-844.31	198.95	0	0
RE DISCCART	-938.22	233.3	0	0
RE DISCCART	-1032.14	267.65	0	0
RE DISCCART	-1126.05	302.0	0	0
RE DISCCART	-1219.97	336.35	0	0
RE DISCCART	-1313.88	370.7	0	0
RE DISCCART	-1407.8	405.05	0	0
RE DISCCART	-1501.71	439.4	0	0
RE DISCCART	-1595.63	473.75	0	0
RE DISCCART	-1689.54	508.1	0	0
RE DISCCART	-1783.46	542.45	0	0

RE DISCCART	-1877.37	576.8	0	0
RE DISCCART	-1885.3	579.7	0	0
RE DISCCART	-1918.06	485.22	0	0
RE DISCCART	-1950.82	390.74	0	0
RE DISCCART	-1983.57	296.25	0	0
RE DISCCART	-2016.33	201.77	0	0
RE DISCCART	-2049.09	107.29	0	0
RE DISCCART	-2081.85	12.81	0	0
RE DISCCART	-2114.6	-81.68	0	0
RE DISCCART	-2147.36	-176.16	0	0
RE DISCCART	-2180.12	-270.64	0	0
RE DISCCART	-2212.88	-365.12	0	0
RE DISCCART	-2245.64	-459.61	0	0
RE DISCCART	-2278.39	-554.09	0	0
RE DISCCART	-2278.5	-554.4	0	0
** BOUNDARY	BND2			
RE DISCCART	-144.1	2174.4	0	0
RE DISCCART	-178.76	2080.6	0	0
RE DISCCART	-213.42	1986.8	0	0
RE DISCCART	-248.08	1893.0	0	0
RE DISCCART	-282.75	1799.2	0	0
RE DISCCART	-317.41	1705.4	0	0
RE DISCCART	-352.07	1611.59	0	0
RE DISCCART	-386.73	1517.79	0	0
RE DISCCART	-421.39	1423.99	0	0
RE DISCCART	-456.05	1330.19	0	0
RE DISCCART	-490.71	1236.39	0	0
RE DISCCART	-525.37	1142.59	0	0
RE DISCCART	-560.04	1048.79	0	0
RE DISCCART	-594.7	954.99	0	0
RE DISCCART	-629.36	861.19	0	0
RE DISCCART	-664.02	767.39	0	0
RE DISCCART	-670.0	751.2	0	0
RE DISCCART	-763.24	787.34	0	0
RE DISCCART	-856.48	823.49	0	0
RE DISCCART	-949.72	859.63	0	0
RE DISCCART	-1042.96	895.78	0	0
RE DISCCART	-1136.2	931.92	0	0
RE DISCCART	-1229.44	968.07	0	0
RE DISCCART	-1322.67	1004.21	0	0
RE DISCCART	-1415.91	1040.36	0	0
RE DISCCART	-1509.15	1076.5	0	0
RE DISCCART	-1602.39	1112.65	0	0
RE DISCCART	-1695.63	1148.79	0	0
RE DISCCART	-1788.87	1184.94	0	0
RE DISCCART	-1882.11	1221.08	0	0
RE DISCCART	-1975.35	1257.23	0	0
RE DISCCART	-2000.3	1266.9	0	0
RE DISCCART	-2032.42	1172.2	0	0
RE DISCCART	-2064.55	1077.5	0	0
RE DISCCART	-2096.67	982.8	0	0
RE DISCCART	-2128.8	888.1	0	0
RE DISCCART	-2160.92	793.4	0	0
RE DISCCART	-2193.04	698.7	0	0
RE DISCCART	-2196.2	689.4	0	0
RE DISCCART	-2277.8	631.6	0	0
RE DISCCART	-2359.41	573.8	0	0
RE DISCCART	-2441.01	516.0	0	0
RE DISCCART	-2443.7	514.1	0	0
RE DISCCART	-2539.33	484.87	0	0
RE DISCCART	-2634.96	455.63	0	0
RE DISCCART	-2730.6	426.4	0	0
RE DISCCART	-2815.0	400.6	0	0
RE DISCCART	-2858.53	310.57	0	0
RE DISCCART	-2902.06	220.54	0	0
RE DISCCART	-2945.58	130.51	0	0
RE DISCCART	-2989.11	40.48	0	0
RE DISCCART	-3032.64	-49.55	0	0
RE DISCCART	-3076.17	-139.58	0	0
RE DISCCART	-3119.69	-229.61	0	0
RE DISCCART	-3163.22	-319.64	0	0
RE DISCCART	-3206.75	-409.67	0	0
RE DISCCART	-3250.28	-499.7	0	0
RE DISCCART	-3268.7	-537.8	0	0
RE DISCCART	-3344.62	-602.89	0	0
RE DISCCART	-3413.1	-661.6	0	0
RE DISCCART	-3465.27	-746.91	0	0
RE DISCCART	-3517.44	-832.22	0	0
RE DISCCART	-3526.6	-847.2	0	0
RE DISCCART	-3497.85	-942.98	0	0
RE DISCCART	-3469.1	-1038.76	0	0
RE DISCCART	-3464.7	-1053.4	0	0
RE DISCCART	-3481.11	-1152.04	0	0
RE DISCCART	-3485.3	-1177.2	0	0
RE DISCCART	-3445.34	-1268.87	0	0

RE DISCCART	-3405.39	-1360.54	0	0
RE DISCCART	-3365.43	-1452.21	0	0
RE DISCCART	-3325.48	-1543.88	0	0
RE DISCCART	-3285.52	-1635.56	0	0
RE DISCCART	-3245.57	-1727.23	0	0
RE DISCCART	-3205.61	-1818.9	0	0
RE DISCCART	-3165.66	-1910.57	0	0
RE DISCCART	-3134.7	-1981.6	0	0
RE DISCCART	-3039.74	-2012.95	0	0
RE DISCCART	-2944.78	-2044.3	0	0
RE DISCCART	-2849.83	-2075.65	0	0
RE DISCCART	-2754.87	-2107.01	0	0
RE DISCCART	-2659.91	-2138.36	0	0
RE DISCCART	-2564.95	-2169.71	0	0
RE DISCCART	-2469.99	-2201.06	0	0
RE DISCCART	-2375.03	-2232.41	0	0
RE DISCCART	-2280.08	-2263.76	0	0
RE DISCCART	-2185.12	-2295.12	0	0
RE DISCCART	-2090.16	-2326.47	0	0
RE DISCCART	-2041.6	-2342.5	0	0
RE DISCCART	-1941.67	-2338.66	0	0
RE DISCCART	-1841.75	-2334.82	0	0
RE DISCCART	-1741.82	-2330.98	0	0
RE DISCCART	-1641.89	-2327.15	0	0
RE DISCCART	-1541.97	-2323.31	0	0
RE DISCCART	-1442.04	-2319.47	0	0
RE DISCCART	-1342.12	-2315.63	0	0
RE DISCCART	-1242.19	-2311.79	0	0
RE DISCCART	-1237.2	-2311.6	0	0
RE DISCCART	-1143.3	-2345.98	0	0
RE DISCCART	-1049.39	-2380.37	0	0
RE DISCCART	-955.49	-2414.75	0	0
RE DISCCART	-861.59	-2449.13	0	0
RE DISCCART	-767.68	-2483.52	0	0
RE DISCCART	-673.78	-2517.9	0	0
RE DISCCART	-579.88	-2552.28	0	0
RE DISCCART	-505.0	-2579.7	0	0
RE DISCCART	-471.72	-2485.4	0	0
RE DISCCART	-438.44	-2391.1	0	0
RE DISCCART	-405.16	-2296.8	0	0
RE DISCCART	-371.88	-2202.5	0	0
RE DISCCART	-338.6	-2108.2	0	0
RE DISCCART	-305.32	-2013.9	0	0
RE DISCCART	-272.04	-1919.6	0	0
RE DISCCART	-257.5	-1878.4	0	0
RE DISCCART	-168.96	-1924.89	0	0
RE DISCCART	-80.43	-1971.38	0	0
RE DISCCART	8.11	-2017.87	0	0
RE DISCCART	96.65	-2064.36	0	0
RE DISCCART	155.0	-2095.0	0	0
RE DISCCART	195.61	-2003.62	0	0
RE DISCCART	236.23	-1912.24	0	0
RE DISCCART	276.84	-1820.86	0	0
RE DISCCART	317.46	-1729.48	0	0
RE DISCCART	358.07	-1638.09	0	0
RE DISCCART	398.68	-1546.71	0	0
RE DISCCART	439.3	-1455.33	0	0
RE DISCCART	479.91	-1363.95	0	0
RE DISCCART	485.0	-1352.5	0	0
RE DISCCART	485.0	-1252.5	0	0
RE DISCCART	485.0	-1187.5	0	0
RE DISCCART	521.66	-1094.46	0	0
RE DISCCART	558.32	-1001.43	0	0
RE DISCCART	594.99	-908.39	0	0
RE DISCCART	619.1	-847.2	0	0
RE DISCCART	707.34	-894.26	0	0
RE DISCCART	773.8	-929.7	0	0
RE DISCCART	819.59	-840.8	0	0
RE DISCCART	865.39	-751.9	0	0
RE DISCCART	911.18	-663.01	0	0
RE DISCCART	949.1	-589.4	0	0
RE DISCCART	884.7	-512.9	0	0
RE DISCCART	820.3	-436.4	0	0
RE DISCCART	784.1	-393.4	0	0
RE DISCCART	825.48	-302.37	0	0
RE DISCCART	866.87	-211.33	0	0
RE DISCCART	908.25	-120.3	0	0
RE DISCCART	938.8	-53.1	0	0
RE DISCCART	973.09	40.84	0	0
RE DISCCART	1007.38	134.77	0	0
RE DISCCART	1041.67	228.71	0	0
RE DISCCART	1075.96	322.65	0	0
RE DISCCART	1110.25	416.58	0	0
RE DISCCART	1144.55	510.52	0	0
RE DISCCART	1178.84	604.46	0	0



RE DISCCART 1213.13 698.39 0 0  
RE DISCCART 1247.42 792.33 0 0  
RE DISCCART 1281.71 886.27 0 0  
RE DISCCART 1316.0 980.21 0 0  
RE DISCCART 1350.29 1074.14 0 0  
RE DISCCART 1384.58 1168.08 0 0  
RE DISCCART 1413.1 1246.2 0 0  
RE DISCCART 1327.2 1297.4 0 0  
RE DISCCART 1241.3 1348.6 0 0  
RE DISCCART 1155.41 1399.8 0 0  
RE DISCCART 1069.51 1451.0 0 0  
RE DISCCART 983.61 1502.21 0 0  
RE DISCCART 897.71 1553.41 0 0  
RE DISCCART 811.81 1604.61 0 0  
RE DISCCART 725.92 1655.81 0 0  
RE DISCCART 640.02 1707.01 0 0  
RE DISCCART 554.12 1758.21 0 0  
RE DISCCART 468.22 1809.41 0 0  
RE DISCCART 382.33 1860.61 0 0  
RE DISCCART 296.43 1911.81 0 0  
RE DISCCART 210.53 1963.02 0 0  
RE DISCCART 124.63 2014.22 0 0  
RE DISCCART 38.73 2065.42 0 0  
RE DISCCART -47.16 2116.62 0 0  
RE DISCCART -133.06 2167.82 0 0  
RE FINISHED

ME STARTING  
ME SURFFILE "C:\PROGRAM FILES\BREEZE\AERMOD5\PADUCAH WINDFILES\PAHBNA03.SFC"  
ME PROFFILE "C:\PROGRAM FILES\BREEZE\AERMOD5\PADUCAH WINDFILES\PAHBNA03.PFL"  
ME PROFBASE 120 METERS  
ME SURFDATA 72435 2003  
ME UAIRDATA 00013897 2003  
ME STARTEND 2003 01 01 1 2003 12 31 24  
ME FINISHED

OU STARTING  
OU FINISHED

\*\* PROJECTN 0 104 7 -177 0 0.9996 500000 0  
\*\* MAPLAYER "C:\DATA\GRAPHICS\DOE PROP ROTATED1.JPG" "DOE PROP ROTATED1" 3 UNKNOWN UNKNOWN 1 0 0 0 0 0 1 0 0 0  
0 0 0 1 1 -5639.2 2828.75 -5349.05 3866.78  
\*\* OUTFILE "C:\Program Files\BREEZE\AERMOD5\Projects\C400 Design runs\DCE Fugitive C-400.lst"  
\*\* RAWFILE "C:\Program Files\BREEZE\AERMOD5\Projects\C400 Design runs\DCE Fugitive C-400.RAW"  
\*\* RAWFMT 2  
\*\* AMPDATUM 0  
\*\* HILLBOUN 0 0 0 0

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



Dichloroethylene Fugitive AERMOD List File Report

Run Began on 4/17/2008 at 20:28:57

\*\* BREEZE AERMOD GIS Pro v5.1.7 - C:\Program Files\BREEZE\AERMOD5\Projects\C400 Design runs\DCE Fugitive C-400.dat  
\*\* Trinity Consultants

\*\* PRIME  
\*\* CAVZONE

CO STARTING  
CO TITLEONE C-400 Design Fugitive Emissions  
CO TITLETWO DCE  
CO MODELOPT DFAULT CONC  
CO AVERTIME ANNUAL  
CO POLLUTID DCE  
CO RUNORNOT RUN  
CO FINISHED

SO STARTING  
SO ELEVUNIT METERS  
SO LOCATION SRC1 POINT -1237.5 -551.6 0  
\*\* SRCDESCR C-400 Design Fugitive  
SO SRCPARAM SRC1 3.500000E-06 0.3048 294.2611 1.694631E-03 0.3048  
SO BUILDHGT SRC1 16.76 0.0 0.0 0.0 16.76 16.76  
SO BUILDHGT SRC1 16.76 16.76 16.76 16.76 16.76 16.76  
SO BUILDHGT SRC1 16.76 16.76 16.76 16.76 16.76 16.76  
SO BUILDHGT SRC1 16.76 0.0 0.0 0.0 16.76 16.76  
SO BUILDHGT SRC1 16.76 16.76 16.76 16.76 16.76 16.76  
SO BUILDHGT SRC1 16.76 16.76 16.76 16.76 16.76 16.76  
SO BUILDWID SRC1 90.73 0.0 0.0 0.0 154.89 146.68  
SO BUILDWID SRC1 134.09 122.09 108.3 96.86 92.72 106.4  
SO BUILDWID SRC1 122.79 137.54 157.69 145.48 128.85 108.3  
SO BUILDWID SRC1 90.73 0.0 0.0 0.0 154.89 146.68  
SO BUILDWID SRC1 134.09 122.09 108.3 96.86 92.72 106.4  
SO BUILDWID SRC1 122.79 137.54 157.69 145.48 128.85 108.3  
SO BUILDLN SRC1 167.48 0.0 0.0 0.0 137.54 148.24  
SO BUILDLN SRC1 157.18 166.52 170.8 169.89 163.82 164.37  
SO BUILDLN SRC1 162.09 154.89 150.02 161.94 168.93 170.8  
SO BUILDLN SRC1 167.48 0.0 0.0 0.0 137.54 148.24  
SO BUILDLN SRC1 157.18 166.52 170.8 169.89 163.82 164.37  
SO BUILDLN SRC1 162.09 154.89 150.02 161.94 168.93 170.8  
SO XBADJ SRC1 -9.4 0.0 0.0 0.0 6.65 18.19  
SO XBADJ SRC1 26.44 28.71 30.1 30.58 30.13 24.16  
SO XBADJ SRC1 15.77 6.91 -161.92 -168.65 -170.26 -166.7  
SO XBADJ SRC1 -158.07 0.0 0.0 0.0 -144.19 -166.43  
SO XBADJ SRC1 -183.62 -195.23 -200.9 -200.47 -193.95 -188.52  
SO XBADJ SRC1 -177.86 -161.8 11.9 6.72 1.33 -4.1  
SO YBADJ SRC1 44.24 0.0 0.0 0.0 -84.36 -71.18  
SO YBADJ SRC1 -55.88 -36.55 -15.15 3.89 18.23 36.51  
SO YBADJ SRC1 56.3 75.42 11.86 -3.57 -18.9 -33.65  
SO YBADJ SRC1 -44.24 0.0 0.0 0.0 84.36 71.18  
SO YBADJ SRC1 55.88 36.55 15.15 -3.89 -18.23 -36.51  
SO YBADJ SRC1 -56.3 -75.42 -11.86 3.58 18.9 33.65  
SO SRCGROUP ALL  
SO FINISHED

RE STARTING  
RE ELEVUNIT METERS  
\*\* 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  
RE DISCCART -4330.0 -3610.0 0 0  
RE DISCCART -4130.0 -3610.0 0 0  
RE DISCCART -3930.0 -3610.0 0 0  
RE DISCCART -3730.0 -3610.0 0 0  
RE DISCCART -3530.0 -3610.0 0 0  
RE DISCCART -3330.0 -3610.0 0 0  
RE DISCCART -3130.0 -3610.0 0 0  
RE DISCCART -2930.0 -3610.0 0 0  
RE DISCCART -2730.0 -3610.0 0 0  
RE DISCCART -2530.0 -3610.0 0 0  
RE DISCCART -2330.0 -3610.0 0 0  
RE DISCCART -2130.0 -3610.0 0 0  
RE DISCCART -1930.0 -3610.0 0 0  
RE DISCCART -1730.0 -3610.0 0 0  
RE DISCCART -1530.0 -3610.0 0 0







RE DISCCART	1670.0	-2610.0	0	0
RE DISCCART	-4330.0	-2410.0	0	0
RE DISCCART	-4130.0	-2410.0	0	0
RE DISCCART	-3930.0	-2410.0	0	0
RE DISCCART	-3730.0	-2410.0	0	0
RE DISCCART	-3530.0	-2410.0	0	0
RE DISCCART	-3330.0	-2410.0	0	0
RE DISCCART	-3130.0	-2410.0	0	0
RE DISCCART	-2930.0	-2410.0	0	0
RE DISCCART	-2730.0	-2410.0	0	0
RE DISCCART	-2530.0	-2410.0	0	0
RE DISCCART	-2330.0	-2410.0	0	0
RE DISCCART	-2130.0	-2410.0	0	0
RE DISCCART	-1930.0	-2410.0	0	0
RE DISCCART	-1730.0	-2410.0	0	0
RE DISCCART	-1530.0	-2410.0	0	0
RE DISCCART	-1330.0	-2410.0	0	0
RE DISCCART	-1130.0	-2410.0	0	0
RE DISCCART	-330.0	-2410.0	0	0
RE DISCCART	-130.0	-2410.0	0	0
RE DISCCART	70.0	-2410.0	0	0
RE DISCCART	270.0	-2410.0	0	0
RE DISCCART	470.0	-2410.0	0	0
RE DISCCART	670.0	-2410.0	0	0
RE DISCCART	870.0	-2410.0	0	0
RE DISCCART	1070.0	-2410.0	0	0
RE DISCCART	1270.0	-2410.0	0	0
RE DISCCART	1470.0	-2410.0	0	0
RE DISCCART	1670.0	-2410.0	0	0
RE DISCCART	-4330.0	-2210.0	0	0
RE DISCCART	-4130.0	-2210.0	0	0
RE DISCCART	-3930.0	-2210.0	0	0
RE DISCCART	-3730.0	-2210.0	0	0
RE DISCCART	-3530.0	-2210.0	0	0
RE DISCCART	-3330.0	-2210.0	0	0
RE DISCCART	-3130.0	-2210.0	0	0
RE DISCCART	-2930.0	-2210.0	0	0
RE DISCCART	-2730.0	-2210.0	0	0
RE DISCCART	-2530.0	-2210.0	0	0
RE DISCCART	-330.0	-2210.0	0	0
RE DISCCART	-130.0	-2210.0	0	0
RE DISCCART	70.0	-2210.0	0	0
RE DISCCART	270.0	-2210.0	0	0
RE DISCCART	470.0	-2210.0	0	0
RE DISCCART	670.0	-2210.0	0	0
RE DISCCART	870.0	-2210.0	0	0
RE DISCCART	1070.0	-2210.0	0	0
RE DISCCART	1270.0	-2210.0	0	0
RE DISCCART	1470.0	-2210.0	0	0
RE DISCCART	1670.0	-2210.0	0	0
RE DISCCART	-4330.0	-2010.0	0	0
RE DISCCART	-4130.0	-2010.0	0	0
RE DISCCART	-3930.0	-2010.0	0	0
RE DISCCART	-3730.0	-2010.0	0	0
RE DISCCART	-3530.0	-2010.0	0	0
RE DISCCART	-3330.0	-2010.0	0	0
RE DISCCART	-3130.0	-2010.0	0	0
RE DISCCART	-130.0	-2010.0	0	0
RE DISCCART	270.0	-2010.0	0	0
RE DISCCART	470.0	-2010.0	0	0
RE DISCCART	670.0	-2010.0	0	0
RE DISCCART	870.0	-2010.0	0	0
RE DISCCART	1070.0	-2010.0	0	0
RE DISCCART	1270.0	-2010.0	0	0
RE DISCCART	1470.0	-2010.0	0	0
RE DISCCART	1670.0	-2010.0	0	0
RE DISCCART	-4330.0	-1810.0	0	0
RE DISCCART	-4130.0	-1810.0	0	0
RE DISCCART	-3930.0	-1810.0	0	0
RE DISCCART	-3730.0	-1810.0	0	0
RE DISCCART	-3530.0	-1810.0	0	0
RE DISCCART	-3330.0	-1810.0	0	0
RE DISCCART	470.0	-1810.0	0	0
RE DISCCART	670.0	-1810.0	0	0
RE DISCCART	870.0	-1810.0	0	0
RE DISCCART	1070.0	-1810.0	0	0
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
RE DISCCART	-3930.0	-1610.0	0	0
RE DISCCART	-3730.0	-1610.0	0	0
RE DISCCART	-3530.0	-1610.0	0	0
RE DISCCART	-3330.0	-1610.0	0	0

RE DISCCART	470.0	-1610.0	0	0
RE DISCCART	670.0	-1610.0	0	0
RE DISCCART	870.0	-1610.0	0	0
RE DISCCART	1070.0	-1610.0	0	0
RE DISCCART	1270.0	-1610.0	0	0
RE DISCCART	1470.0	-1610.0	0	0
RE DISCCART	1670.0	-1610.0	0	0
RE DISCCART	-4330.0	-1410.0	0	0
RE DISCCART	-4130.0	-1410.0	0	0
RE DISCCART	-3930.0	-1410.0	0	0
RE DISCCART	-3730.0	-1410.0	0	0
RE DISCCART	-3530.0	-1410.0	0	0
RE DISCCART	470.0	-1410.0	0	0
RE DISCCART	670.0	-1410.0	0	0
RE DISCCART	870.0	-1410.0	0	0
RE DISCCART	1070.0	-1410.0	0	0
RE DISCCART	1270.0	-1410.0	0	0
RE DISCCART	1470.0	-1410.0	0	0
RE DISCCART	1670.0	-1410.0	0	0
RE DISCCART	-4330.0	-1210.0	0	0
RE DISCCART	-4130.0	-1210.0	0	0
RE DISCCART	-3930.0	-1210.0	0	0
RE DISCCART	-3730.0	-1210.0	0	0
RE DISCCART	-3530.0	-1210.0	0	0
RE DISCCART	670.0	-1210.0	0	0
RE DISCCART	870.0	-1210.0	0	0
RE DISCCART	1070.0	-1210.0	0	0
RE DISCCART	1270.0	-1210.0	0	0
RE DISCCART	1470.0	-1210.0	0	0
RE DISCCART	1670.0	-1210.0	0	0
RE DISCCART	-4330.0	-1010.0	0	0
RE DISCCART	-4130.0	-1010.0	0	0
RE DISCCART	-3930.0	-1010.0	0	0
RE DISCCART	-3730.0	-1010.0	0	0
RE DISCCART	-3530.0	-1010.0	0	0
RE DISCCART	670.0	-1010.0	0	0
RE DISCCART	870.0	-1010.0	0	0
RE DISCCART	1070.0	-1010.0	0	0
RE DISCCART	1270.0	-1010.0	0	0
RE DISCCART	1470.0	-1010.0	0	0
RE DISCCART	1670.0	-1010.0	0	0
RE DISCCART	-4330.0	-810.0	0	0
RE DISCCART	-4130.0	-810.0	0	0
RE DISCCART	-3930.0	-810.0	0	0
RE DISCCART	-3730.0	-810.0	0	0
RE DISCCART	-3530.0	-810.0	0	0
RE DISCCART	870.0	-810.0	0	0
RE DISCCART	1070.0	-810.0	0	0
RE DISCCART	1270.0	-810.0	0	0
RE DISCCART	1470.0	-810.0	0	0
RE DISCCART	1670.0	-810.0	0	0
RE DISCCART	-4330.0	-610.0	0	0
RE DISCCART	-4130.0	-610.0	0	0
RE DISCCART	-3930.0	-610.0	0	0
RE DISCCART	-3730.0	-610.0	0	0
RE DISCCART	-3530.0	-610.0	0	0
RE DISCCART	1070.0	-610.0	0	0
RE DISCCART	1270.0	-610.0	0	0
RE DISCCART	1470.0	-610.0	0	0
RE DISCCART	1670.0	-610.0	0	0
RE DISCCART	-4330.0	-410.0	0	0
RE DISCCART	-4130.0	-410.0	0	0
RE DISCCART	-3930.0	-410.0	0	0
RE DISCCART	-3730.0	-410.0	0	0
RE DISCCART	-3530.0	-410.0	0	0
RE DISCCART	-3330.0	-410.0	0	0
RE DISCCART	870.0	-410.0	0	0
RE DISCCART	1070.0	-410.0	0	0
RE DISCCART	1270.0	-410.0	0	0
RE DISCCART	1470.0	-410.0	0	0
RE DISCCART	1670.0	-410.0	0	0
RE DISCCART	-4330.0	-210.0	0	0
RE DISCCART	-4130.0	-210.0	0	0
RE DISCCART	-3930.0	-210.0	0	0
RE DISCCART	-3730.0	-210.0	0	0
RE DISCCART	-3530.0	-210.0	0	0
RE DISCCART	-3330.0	-210.0	0	0
RE DISCCART	-3130.0	-210.0	0	0
RE DISCCART	870.0	-210.0	0	0
RE DISCCART	1070.0	-210.0	0	0
RE DISCCART	1270.0	-210.0	0	0
RE DISCCART	1470.0	-210.0	0	0
RE DISCCART	1670.0	-210.0	0	0
RE DISCCART	-4330.0	-10.0	0	0
RE DISCCART	-4130.0	-10.0	0	0



RE DISCCART	-3930.0	-10.0	0	0
RE DISCCART	-3730.0	-10.0	0	0
RE DISCCART	-3530.0	-10.0	0	0
RE DISCCART	-3330.0	-10.0	0	0
RE DISCCART	-3130.0	-10.0	0	0
RE DISCCART	1070.0	-10.0	0	0
RE DISCCART	1270.0	-10.0	0	0
RE DISCCART	1470.0	-10.0	0	0
RE DISCCART	1670.0	-10.0	0	0
RE DISCCART	-4330.0	190.0	0	0
RE DISCCART	-4130.0	190.0	0	0
RE DISCCART	-3930.0	190.0	0	0
RE DISCCART	-3730.0	190.0	0	0
RE DISCCART	-3530.0	190.0	0	0
RE DISCCART	-3330.0	190.0	0	0
RE DISCCART	-3130.0	190.0	0	0
RE DISCCART	-2930.0	190.0	0	0
RE DISCCART	1070.0	190.0	0	0
RE DISCCART	1270.0	190.0	0	0
RE DISCCART	1470.0	190.0	0	0
RE DISCCART	1670.0	190.0	0	0
RE DISCCART	-4330.0	390.0	0	0
RE DISCCART	-4130.0	390.0	0	0
RE DISCCART	-3930.0	390.0	0	0
RE DISCCART	-3730.0	390.0	0	0
RE DISCCART	-3530.0	390.0	0	0
RE DISCCART	-3330.0	390.0	0	0
RE DISCCART	-3130.0	390.0	0	0
RE DISCCART	-2930.0	390.0	0	0
RE DISCCART	1270.0	390.0	0	0
RE DISCCART	1470.0	390.0	0	0
RE DISCCART	1670.0	390.0	0	0
RE DISCCART	-4330.0	590.0	0	0
RE DISCCART	-4130.0	590.0	0	0
RE DISCCART	-3930.0	590.0	0	0
RE DISCCART	-3730.0	590.0	0	0
RE DISCCART	-3530.0	590.0	0	0
RE DISCCART	-3330.0	590.0	0	0
RE DISCCART	-3130.0	590.0	0	0
RE DISCCART	-2930.0	590.0	0	0
RE DISCCART	-2730.0	590.0	0	0
RE DISCCART	-2530.0	590.0	0	0
RE DISCCART	1270.0	590.0	0	0
RE DISCCART	1470.0	590.0	0	0
RE DISCCART	1670.0	590.0	0	0
RE DISCCART	-4330.0	790.0	0	0
RE DISCCART	-4130.0	790.0	0	0
RE DISCCART	-3930.0	790.0	0	0
RE DISCCART	-3730.0	790.0	0	0
RE DISCCART	-3530.0	790.0	0	0
RE DISCCART	-3330.0	790.0	0	0
RE DISCCART	-3130.0	790.0	0	0
RE DISCCART	-2930.0	790.0	0	0
RE DISCCART	-2730.0	790.0	0	0
RE DISCCART	-2530.0	790.0	0	0
RE DISCCART	-2330.0	790.0	0	0
RE DISCCART	-730.0	790.0	0	0
RE DISCCART	1270.0	790.0	0	0
RE DISCCART	1470.0	790.0	0	0
RE DISCCART	1670.0	790.0	0	0
RE DISCCART	-4330.0	990.0	0	0
RE DISCCART	-4130.0	990.0	0	0
RE DISCCART	-3930.0	990.0	0	0
RE DISCCART	-3730.0	990.0	0	0
RE DISCCART	-3530.0	990.0	0	0
RE DISCCART	-3330.0	990.0	0	0
RE DISCCART	-3130.0	990.0	0	0
RE DISCCART	-2930.0	990.0	0	0
RE DISCCART	-2730.0	990.0	0	0
RE DISCCART	-2530.0	990.0	0	0
RE DISCCART	-2330.0	990.0	0	0
RE DISCCART	-2130.0	990.0	0	0
RE DISCCART	-1130.0	990.0	0	0
RE DISCCART	-930.0	990.0	0	0
RE DISCCART	-730.0	990.0	0	0
RE DISCCART	1470.0	990.0	0	0
RE DISCCART	1670.0	990.0	0	0
RE DISCCART	-4330.0	1190.0	0	0
RE DISCCART	-4130.0	1190.0	0	0
RE DISCCART	-3930.0	1190.0	0	0
RE DISCCART	-3730.0	1190.0	0	0
RE DISCCART	-3530.0	1190.0	0	0
RE DISCCART	-3330.0	1190.0	0	0
RE DISCCART	-3130.0	1190.0	0	0
RE DISCCART	-2930.0	1190.0	0	0

RE DISCCART	-2730.0	1190.0	0	0
RE DISCCART	-2530.0	1190.0	0	0
RE DISCCART	-2330.0	1190.0	0	0
RE DISCCART	-2130.0	1190.0	0	0
RE DISCCART	-1730.0	1190.0	0	0
RE DISCCART	-1530.0	1190.0	0	0
RE DISCCART	-1330.0	1190.0	0	0
RE DISCCART	-1130.0	1190.0	0	0
RE DISCCART	-930.0	1190.0	0	0
RE DISCCART	-730.0	1190.0	0	0
RE DISCCART	-530.0	1190.0	0	0
RE DISCCART	1470.0	1190.0	0	0
RE DISCCART	1670.0	1190.0	0	0
RE DISCCART	-4330.0	1390.0	0	0
RE DISCCART	-4130.0	1390.0	0	0
RE DISCCART	-3930.0	1390.0	0	0
RE DISCCART	-3730.0	1390.0	0	0
RE DISCCART	-3530.0	1390.0	0	0
RE DISCCART	-3330.0	1390.0	0	0
RE DISCCART	-3130.0	1390.0	0	0
RE DISCCART	-2930.0	1390.0	0	0
RE DISCCART	-2730.0	1390.0	0	0
RE DISCCART	-2530.0	1390.0	0	0
RE DISCCART	-2330.0	1390.0	0	0
RE DISCCART	-2130.0	1390.0	0	0
RE DISCCART	-1930.0	1390.0	0	0
RE DISCCART	-1730.0	1390.0	0	0
RE DISCCART	-1530.0	1390.0	0	0
RE DISCCART	-1330.0	1390.0	0	0
RE DISCCART	-1130.0	1390.0	0	0
RE DISCCART	-930.0	1390.0	0	0
RE DISCCART	-730.0	1390.0	0	0
RE DISCCART	-530.0	1390.0	0	0
RE DISCCART	1270.0	1390.0	0	0
RE DISCCART	1470.0	1390.0	0	0
RE DISCCART	1670.0	1390.0	0	0
RE DISCCART	-4330.0	1590.0	0	0
RE DISCCART	-4130.0	1590.0	0	0
RE DISCCART	-3930.0	1590.0	0	0
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
RE DISCCART	-2730.0	1590.0	0	0
RE DISCCART	-2530.0	1590.0	0	0
RE DISCCART	-2330.0	1590.0	0	0
RE DISCCART	-2130.0	1590.0	0	0
RE DISCCART	-1930.0	1590.0	0	0
RE DISCCART	-1730.0	1590.0	0	0
RE DISCCART	-1530.0	1590.0	0	0
RE DISCCART	-1330.0	1590.0	0	0
RE DISCCART	-1130.0	1590.0	0	0
RE DISCCART	-930.0	1590.0	0	0
RE DISCCART	-730.0	1590.0	0	0
RE DISCCART	-530.0	1590.0	0	0
RE DISCCART	870.0	1590.0	0	0
RE DISCCART	1070.0	1590.0	0	0
RE DISCCART	1270.0	1590.0	0	0
RE DISCCART	1470.0	1590.0	0	0
RE DISCCART	1670.0	1590.0	0	0
RE DISCCART	-4330.0	1790.0	0	0
RE DISCCART	-4130.0	1790.0	0	0
RE DISCCART	-3930.0	1790.0	0	0
RE DISCCART	-3730.0	1790.0	0	0
RE DISCCART	-3530.0	1790.0	0	0
RE DISCCART	-3330.0	1790.0	0	0
RE DISCCART	-3130.0	1790.0	0	0
RE DISCCART	-2930.0	1790.0	0	0
RE DISCCART	-2730.0	1790.0	0	0
RE DISCCART	-2530.0	1790.0	0	0
RE DISCCART	-2330.0	1790.0	0	0
RE DISCCART	-2130.0	1790.0	0	0
RE DISCCART	-1930.0	1790.0	0	0
RE DISCCART	-1730.0	1790.0	0	0
RE DISCCART	-1530.0	1790.0	0	0
RE DISCCART	-1330.0	1790.0	0	0
RE DISCCART	-1130.0	1790.0	0	0
RE DISCCART	-930.0	1790.0	0	0
RE DISCCART	-730.0	1790.0	0	0
RE DISCCART	-530.0	1790.0	0	0
RE DISCCART	-330.0	1790.0	0	0
RE DISCCART	670.0	1790.0	0	0
RE DISCCART	870.0	1790.0	0	0
RE DISCCART	1070.0	1790.0	0	0

RE DISCCART	1270.0	1790.0	0	0
RE DISCCART	1470.0	1790.0	0	0
RE DISCCART	1670.0	1790.0	0	0
RE DISCCART	-4330.0	1990.0	0	0
RE DISCCART	-4130.0	1990.0	0	0
RE DISCCART	-3930.0	1990.0	0	0
RE DISCCART	-3730.0	1990.0	0	0
RE DISCCART	-3530.0	1990.0	0	0
RE DISCCART	-3330.0	1990.0	0	0
RE DISCCART	-3130.0	1990.0	0	0
RE DISCCART	-2930.0	1990.0	0	0
RE DISCCART	-2730.0	1990.0	0	0
RE DISCCART	-2530.0	1990.0	0	0
RE DISCCART	-2330.0	1990.0	0	0
RE DISCCART	-2130.0	1990.0	0	0
RE DISCCART	-1930.0	1990.0	0	0
RE DISCCART	-1730.0	1990.0	0	0
RE DISCCART	-1530.0	1990.0	0	0
RE DISCCART	-1330.0	1990.0	0	0
RE DISCCART	-1130.0	1990.0	0	0
RE DISCCART	-930.0	1990.0	0	0
RE DISCCART	-730.0	1990.0	0	0
RE DISCCART	-530.0	1990.0	0	0
RE DISCCART	-330.0	1990.0	0	0
RE DISCCART	270.0	1990.0	0	0
RE DISCCART	470.0	1990.0	0	0
RE DISCCART	670.0	1990.0	0	0
RE DISCCART	870.0	1990.0	0	0
RE DISCCART	1070.0	1990.0	0	0
RE DISCCART	1270.0	1990.0	0	0
RE DISCCART	1470.0	1990.0	0	0
RE DISCCART	1670.0	1990.0	0	0
RE DISCCART	-4330.0	2190.0	0	0
RE DISCCART	-4130.0	2190.0	0	0
RE DISCCART	-3930.0	2190.0	0	0
RE DISCCART	-3730.0	2190.0	0	0
RE DISCCART	-3530.0	2190.0	0	0
RE DISCCART	-3330.0	2190.0	0	0
RE DISCCART	-3130.0	2190.0	0	0
RE DISCCART	-2930.0	2190.0	0	0
RE DISCCART	-2730.0	2190.0	0	0
RE DISCCART	-2530.0	2190.0	0	0
RE DISCCART	-2330.0	2190.0	0	0
RE DISCCART	-2130.0	2190.0	0	0
RE DISCCART	-1930.0	2190.0	0	0
RE DISCCART	-1730.0	2190.0	0	0
RE DISCCART	-1530.0	2190.0	0	0
RE DISCCART	-1330.0	2190.0	0	0
RE DISCCART	-1130.0	2190.0	0	0
RE DISCCART	-930.0	2190.0	0	0
RE DISCCART	-730.0	2190.0	0	0
RE DISCCART	-530.0	2190.0	0	0
RE DISCCART	-330.0	2190.0	0	0
RE DISCCART	-130.0	2190.0	0	0
RE DISCCART	70.0	2190.0	0	0
RE DISCCART	270.0	2190.0	0	0
RE DISCCART	470.0	2190.0	0	0
RE DISCCART	670.0	2190.0	0	0
RE DISCCART	870.0	2190.0	0	0
RE DISCCART	1070.0	2190.0	0	0
RE DISCCART	1270.0	2190.0	0	0
RE DISCCART	1470.0	2190.0	0	0
RE DISCCART	1670.0	2190.0	0	0
RE DISCCART	-4330.0	2390.0	0	0
RE DISCCART	-4130.0	2390.0	0	0
RE DISCCART	-3930.0	2390.0	0	0
RE DISCCART	-3730.0	2390.0	0	0
RE DISCCART	-3530.0	2390.0	0	0
RE DISCCART	-3330.0	2390.0	0	0
RE DISCCART	-3130.0	2390.0	0	0
RE DISCCART	-2930.0	2390.0	0	0
RE DISCCART	-2730.0	2390.0	0	0
RE DISCCART	-2530.0	2390.0	0	0
RE DISCCART	-2330.0	2390.0	0	0
RE DISCCART	-2130.0	2390.0	0	0
RE DISCCART	-1930.0	2390.0	0	0
RE DISCCART	-1730.0	2390.0	0	0
RE DISCCART	-1530.0	2390.0	0	0
RE DISCCART	-1330.0	2390.0	0	0
RE DISCCART	-1130.0	2390.0	0	0
RE DISCCART	-930.0	2390.0	0	0
RE DISCCART	-730.0	2390.0	0	0
RE DISCCART	-530.0	2390.0	0	0
RE DISCCART	-330.0	2390.0	0	0
RE DISCCART	-130.0	2390.0	0	0



RE DISCCART	70.0	2390.0	0	0
RE DISCCART	270.0	2390.0	0	0
RE DISCCART	470.0	2390.0	0	0
RE DISCCART	670.0	2390.0	0	0
RE DISCCART	870.0	2390.0	0	0
RE DISCCART	1070.0	2390.0	0	0
RE DISCCART	1270.0	2390.0	0	0
RE DISCCART	1470.0	2390.0	0	0
RE DISCCART	1670.0	2390.0	0	0
** BOUNDARY	BND1			
RE DISCCART	-2278.5	-554.4	0	0
RE DISCCART	-2185.15	-590.25	0	0
RE DISCCART	-2091.8	-626.1	0	0
RE DISCCART	-1998.44	-661.96	0	0
RE DISCCART	-1905.09	-697.81	0	0
RE DISCCART	-1811.74	-733.66	0	0
RE DISCCART	-1718.39	-769.51	0	0
RE DISCCART	-1625.04	-805.37	0	0
RE DISCCART	-1566.1	-828.0	0	0
RE DISCCART	-1596.42	-923.29	0	0
RE DISCCART	-1606.0	-953.4	0	0
RE DISCCART	-1583.2	-964.8	0	0
RE DISCCART	-1583.2	-981.9	0	0
RE DISCCART	-1488.74	-1014.71	0	0
RE DISCCART	-1452.2	-1027.4	0	0
RE DISCCART	-1487.28	-1121.04	0	0
RE DISCCART	-1522.36	-1214.69	0	0
RE DISCCART	-1554.7	-1301.0	0	0
RE DISCCART	-1606.0	-1295.3	0	0
RE DISCCART	-1617.4	-1323.8	0	0
RE DISCCART	-1697.2	-1295.3	0	0
RE DISCCART	-1733.64	-1388.42	0	0
RE DISCCART	-1748.5	-1426.4	0	0
RE DISCCART	-1754.2	-1472.0	0	0
RE DISCCART	-1771.3	-1511.9	0	0
RE DISCCART	-1697.2	-1546.1	0	0
RE DISCCART	-1651.6	-1574.6	0	0
RE DISCCART	-1683.22	-1669.47	0	0
RE DISCCART	-1714.3	-1762.7	0	0
RE DISCCART	-1621.44	-1799.8	0	0
RE DISCCART	-1528.57	-1836.9	0	0
RE DISCCART	-1514.8	-1842.4	0	0
RE DISCCART	-1548.43	-1936.57	0	0
RE DISCCART	-1571.8	-2002.0	0	0
RE DISCCART	-1477.82	-2036.18	0	0
RE DISCCART	-1383.85	-2070.37	0	0
RE DISCCART	-1289.87	-2104.55	0	0
RE DISCCART	-1258.4	-2116.0	0	0
RE DISCCART	-1224.77	-2021.83	0	0
RE DISCCART	-1201.4	-1956.4	0	0
RE DISCCART	-1107.53	-1990.88	0	0
RE DISCCART	-1013.67	-2025.36	0	0
RE DISCCART	-922.1	-2059.0	0	0
RE DISCCART	-887.86	-1965.04	0	0
RE DISCCART	-853.62	-1871.09	0	0
RE DISCCART	-819.38	-1777.13	0	0
RE DISCCART	-785.15	-1683.18	0	0
RE DISCCART	-750.91	-1589.22	0	0
RE DISCCART	-716.67	-1495.26	0	0
RE DISCCART	-682.43	-1401.31	0	0
RE DISCCART	-648.19	-1307.35	0	0
RE DISCCART	-613.95	-1213.4	0	0
RE DISCCART	-579.71	-1119.44	0	0
RE DISCCART	-545.48	-1025.48	0	0
RE DISCCART	-511.24	-931.53	0	0
RE DISCCART	-477.0	-837.57	0	0
RE DISCCART	-442.76	-743.62	0	0
RE DISCCART	-408.52	-649.66	0	0
RE DISCCART	-374.28	-555.71	0	0
RE DISCCART	-340.04	-461.75	0	0
RE DISCCART	-305.8	-367.79	0	0
RE DISCCART	-271.57	-273.84	0	0
RE DISCCART	-237.33	-179.88	0	0
RE DISCCART	-203.09	-85.93	0	0
RE DISCCART	-186.9	-41.5	0	0
RE DISCCART	-280.82	-7.15	0	0
RE DISCCART	-374.73	27.2	0	0
RE DISCCART	-468.65	61.55	0	0
RE DISCCART	-562.56	95.9	0	0
RE DISCCART	-656.48	130.25	0	0
RE DISCCART	-750.39	164.6	0	0
RE DISCCART	-844.31	198.95	0	0
RE DISCCART	-938.22	233.3	0	0
RE DISCCART	-1032.14	267.65	0	0
RE DISCCART	-1126.05	302.0	0	0

RE DISCCART	-1219.97	336.35	0	0
RE DISCCART	-1313.88	370.7	0	0
RE DISCCART	-1407.8	405.05	0	0
RE DISCCART	-1501.71	439.4	0	0
RE DISCCART	-1595.63	473.75	0	0
RE DISCCART	-1689.54	508.1	0	0
RE DISCCART	-1783.46	542.45	0	0
RE DISCCART	-1877.37	576.8	0	0
RE DISCCART	-1885.3	579.7	0	0
RE DISCCART	-1918.06	485.22	0	0
RE DISCCART	-1950.82	390.74	0	0
RE DISCCART	-1983.57	296.25	0	0
RE DISCCART	-2016.33	201.77	0	0
RE DISCCART	-2049.09	107.29	0	0
RE DISCCART	-2081.85	12.81	0	0
RE DISCCART	-2114.6	-81.68	0	0
RE DISCCART	-2147.36	-176.16	0	0
RE DISCCART	-2180.12	-270.64	0	0
RE DISCCART	-2212.88	-365.12	0	0
RE DISCCART	-2245.64	-459.61	0	0
RE DISCCART	-2278.39	-554.09	0	0
RE DISCCART	-2278.5	-554.4	0	0
** BOUNDARY	BND2			
RE DISCCART	-144.1	2174.4	0	0
RE DISCCART	-178.76	2080.6	0	0
RE DISCCART	-213.42	1986.8	0	0
RE DISCCART	-248.08	1893.0	0	0
RE DISCCART	-282.75	1799.2	0	0
RE DISCCART	-317.41	1705.4	0	0
RE DISCCART	-352.07	1611.59	0	0
RE DISCCART	-386.73	1517.79	0	0
RE DISCCART	-421.39	1423.99	0	0
RE DISCCART	-456.05	1330.19	0	0
RE DISCCART	-490.71	1236.39	0	0
RE DISCCART	-525.37	1142.59	0	0
RE DISCCART	-560.04	1048.79	0	0
RE DISCCART	-594.7	954.99	0	0
RE DISCCART	-629.36	861.19	0	0
RE DISCCART	-664.02	767.39	0	0
RE DISCCART	-670.0	751.2	0	0
RE DISCCART	-763.24	787.34	0	0
RE DISCCART	-856.48	823.49	0	0
RE DISCCART	-949.72	859.63	0	0
RE DISCCART	-1042.96	895.78	0	0
RE DISCCART	-1136.2	931.92	0	0
RE DISCCART	-1229.44	968.07	0	0
RE DISCCART	-1322.67	1004.21	0	0
RE DISCCART	-1415.91	1040.36	0	0
RE DISCCART	-1509.15	1076.5	0	0
RE DISCCART	-1602.39	1112.65	0	0
RE DISCCART	-1695.63	1148.79	0	0
RE DISCCART	-1788.87	1184.94	0	0
RE DISCCART	-1882.11	1221.08	0	0
RE DISCCART	-1975.35	1257.23	0	0
RE DISCCART	-2000.3	1266.9	0	0
RE DISCCART	-2032.42	1172.2	0	0
RE DISCCART	-2064.55	1077.5	0	0
RE DISCCART	-2096.67	982.8	0	0
RE DISCCART	-2128.8	888.1	0	0
RE DISCCART	-2160.92	793.4	0	0
RE DISCCART	-2193.04	698.7	0	0
RE DISCCART	-2196.2	689.4	0	0
RE DISCCART	-2277.8	631.6	0	0
RE DISCCART	-2359.41	573.8	0	0
RE DISCCART	-2441.01	516.0	0	0
RE DISCCART	-2443.7	514.1	0	0
RE DISCCART	-2539.33	484.87	0	0
RE DISCCART	-2634.96	455.63	0	0
RE DISCCART	-2730.6	426.4	0	0
RE DISCCART	-2815.0	400.6	0	0
RE DISCCART	-2858.53	310.57	0	0
RE DISCCART	-2902.06	220.54	0	0
RE DISCCART	-2945.58	130.51	0	0
RE DISCCART	-2989.11	40.48	0	0
RE DISCCART	-3032.64	-49.55	0	0
RE DISCCART	-3076.17	-139.58	0	0
RE DISCCART	-3119.69	-229.61	0	0
RE DISCCART	-3163.22	-319.64	0	0
RE DISCCART	-3206.75	-409.67	0	0
RE DISCCART	-3250.28	-499.7	0	0
RE DISCCART	-3268.7	-537.8	0	0
RE DISCCART	-3344.62	-602.89	0	0
RE DISCCART	-3413.1	-661.6	0	0
RE DISCCART	-3465.27	-746.91	0	0
RE DISCCART	-3517.44	-832.22	0	0

RE DISCCART	-3526.6	-847.2	0	0
RE DISCCART	-3497.85	-942.98	0	0
RE DISCCART	-3469.1	-1038.76	0	0
RE DISCCART	-3464.7	-1053.4	0	0
RE DISCCART	-3481.11	-1152.04	0	0
RE DISCCART	-3485.3	-1177.2	0	0
RE DISCCART	-3445.34	-1268.87	0	0
RE DISCCART	-3405.39	-1360.54	0	0
RE DISCCART	-3365.43	-1452.21	0	0
RE DISCCART	-3325.48	-1543.88	0	0
RE DISCCART	-3285.52	-1635.56	0	0
RE DISCCART	-3245.57	-1727.23	0	0
RE DISCCART	-3205.61	-1818.9	0	0
RE DISCCART	-3165.66	-1910.57	0	0
RE DISCCART	-3134.7	-1981.6	0	0
RE DISCCART	-3039.74	-2012.95	0	0
RE DISCCART	-2944.78	-2044.3	0	0
RE DISCCART	-2849.83	-2075.65	0	0
RE DISCCART	-2754.87	-2107.01	0	0
RE DISCCART	-2659.91	-2138.36	0	0
RE DISCCART	-2564.95	-2169.71	0	0
RE DISCCART	-2469.99	-2201.06	0	0
RE DISCCART	-2375.03	-2232.41	0	0
RE DISCCART	-2280.08	-2263.76	0	0
RE DISCCART	-2185.12	-2295.12	0	0
RE DISCCART	-2090.16	-2326.47	0	0
RE DISCCART	-2041.6	-2342.5	0	0
RE DISCCART	-1941.67	-2338.66	0	0
RE DISCCART	-1841.75	-2334.82	0	0
RE DISCCART	-1741.82	-2330.98	0	0
RE DISCCART	-1641.89	-2327.15	0	0
RE DISCCART	-1541.97	-2323.31	0	0
RE DISCCART	-1442.04	-2319.47	0	0
RE DISCCART	-1342.12	-2315.63	0	0
RE DISCCART	-1242.19	-2311.79	0	0
RE DISCCART	-1237.2	-2311.6	0	0
RE DISCCART	-1143.3	-2345.98	0	0
RE DISCCART	-1049.39	-2380.37	0	0
RE DISCCART	-955.49	-2414.75	0	0
RE DISCCART	-861.59	-2449.13	0	0
RE DISCCART	-767.68	-2483.52	0	0
RE DISCCART	-673.78	-2517.9	0	0
RE DISCCART	-579.88	-2552.28	0	0
RE DISCCART	-505.0	-2579.7	0	0
RE DISCCART	-471.72	-2485.4	0	0
RE DISCCART	-438.44	-2391.1	0	0
RE DISCCART	-405.16	-2296.8	0	0
RE DISCCART	-371.88	-2202.5	0	0
RE DISCCART	-338.6	-2108.2	0	0
RE DISCCART	-305.32	-2013.9	0	0
RE DISCCART	-272.04	-1919.6	0	0
RE DISCCART	-257.5	-1878.4	0	0
RE DISCCART	-168.96	-1924.89	0	0
RE DISCCART	-80.43	-1971.38	0	0
RE DISCCART	8.11	-2017.87	0	0
RE DISCCART	96.65	-2064.36	0	0
RE DISCCART	155.0	-2095.0	0	0
RE DISCCART	195.61	-2003.62	0	0
RE DISCCART	236.23	-1912.24	0	0
RE DISCCART	276.84	-1820.86	0	0
RE DISCCART	317.46	-1729.48	0	0
RE DISCCART	358.07	-1638.09	0	0
RE DISCCART	398.68	-1546.71	0	0
RE DISCCART	439.3	-1455.33	0	0
RE DISCCART	479.91	-1363.95	0	0
RE DISCCART	485.0	-1352.5	0	0
RE DISCCART	485.0	-1252.5	0	0
RE DISCCART	485.0	-1187.5	0	0
RE DISCCART	521.66	-1094.46	0	0
RE DISCCART	558.32	-1001.43	0	0
RE DISCCART	594.99	-908.39	0	0
RE DISCCART	619.1	-847.2	0	0
RE DISCCART	707.34	-894.26	0	0
RE DISCCART	773.8	-929.7	0	0
RE DISCCART	819.59	-840.8	0	0
RE DISCCART	865.39	-751.9	0	0
RE DISCCART	911.18	-663.01	0	0
RE DISCCART	949.1	-589.4	0	0
RE DISCCART	884.7	-512.9	0	0
RE DISCCART	820.3	-436.4	0	0
RE DISCCART	784.1	-393.4	0	0
RE DISCCART	825.48	-302.37	0	0
RE DISCCART	866.87	-211.33	0	0
RE DISCCART	908.25	-120.3	0	0
RE DISCCART	938.8	-53.1	0	0



RE DISCCART 973.09 40.84 0 0  
RE DISCCART 1007.38 134.77 0 0  
RE DISCCART 1041.67 228.71 0 0  
RE DISCCART 1075.96 322.65 0 0  
RE DISCCART 1110.25 416.58 0 0  
RE DISCCART 1144.55 510.52 0 0  
RE DISCCART 1178.84 604.46 0 0  
RE DISCCART 1213.13 698.39 0 0  
RE DISCCART 1247.42 792.33 0 0  
RE DISCCART 1281.71 886.27 0 0  
RE DISCCART 1316.0 980.21 0 0  
RE DISCCART 1350.29 1074.14 0 0  
RE DISCCART 1384.58 1168.08 0 0  
RE DISCCART 1413.1 1246.2 0 0  
RE DISCCART 1327.2 1297.4 0 0  
RE DISCCART 1241.3 1348.6 0 0  
RE DISCCART 1155.41 1399.8 0 0  
RE DISCCART 1069.51 1451.0 0 0  
RE DISCCART 983.61 1502.21 0 0  
RE DISCCART 897.71 1553.41 0 0  
RE DISCCART 811.81 1604.61 0 0  
RE DISCCART 725.92 1655.81 0 0  
RE DISCCART 640.02 1707.01 0 0  
RE DISCCART 554.12 1758.21 0 0  
RE DISCCART 468.22 1809.41 0 0  
RE DISCCART 382.33 1860.61 0 0  
RE DISCCART 296.43 1911.81 0 0  
RE DISCCART 210.53 1963.02 0 0  
RE DISCCART 124.63 2014.22 0 0  
RE DISCCART 38.73 2065.42 0 0  
RE DISCCART -47.16 2116.62 0 0  
RE DISCCART -133.06 2167.82 0 0  
RE FINISHED

ME STARTING  
ME SURFFILE "C:\PROGRAM FILES\BREEZE\AERMOD5\PADUCAH WINDFILES\PAHBNA03.SFC"  
ME PROFILE "C:\PROGRAM FILES\BREEZE\AERMOD5\PADUCAH WINDFILES\PAHBNA03.PFL"  
ME PROFBASE 120 METERS  
ME SURFDATA 72435 2003  
ME UAIRDATA 00013897 2003  
ME STARTEND 2003 01 01 1 2003 12 31 24  
ME FINISHED

OU STARTING  
OU FINISHED

\*\* PROJECTN 0 104 7 -177 0 0.9996 500000 0  
\*\* MAPLAYER "C:\DATA\GRAPHICS\DOE PROP ROTATED1.JPG" "DOE PROP ROTATED1" 3 UNKNOWN UNKNOWN 1 0 0 0 0 0 1 0 0 0  
0 0 1 1 -5639.2 2  
\*\* OUTFILE "C:\Program Files\BREEZE\AERMOD5\Projects\C400 Design runs\DCE Fugitive C-400.lst"  
\*\* RAWFILE "C:\Program Files\BREEZE\AERMOD5\Projects\C400 Design runs\DCE Fugitive C-400.RAW"  
\*\* RAWFMT 2  
\*\* AMPDATUM 0  
\*\* HILLBOUN 0 0 0 0

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

```

** 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 Fugitive Emissions ***
04/17/08 *** DCE ***

```

```

20:28:57
**MODELOPTs:
PAGE 1
CONC

```

DFault ELEV

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

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

-- DEPOSITION LOGIC --

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

\*\*Model Uses RURAL Dispersion Only.

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

\*\*Model Assumes No FLAGPOLE Receptor Heights.

\*\*Model Calculates ANNUAL Averages Only

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

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

\*\*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: C:\PROGRAM FILES\BREEZE\AERMOD5\PROJECTS\C400 DESIGN RUNS\DCE FUGITIVE C-400.DAT

\*\*Output Print File: C:\PROGRAM FILES\BREEZE\AERMOD5\PROJECTS\C400 DESIGN RUNS\DCE FUGITIVE C-400.LST

1 \*\*\* AERMOD - VERSION 04300 \*\*\* \*\*\* C-400 Design Fugitive Emissions \*\*\*  
04/17/08 \*\*\* DCE \*\*\*

20:28:57  
\*\*MODELOPTs:

PAGE 2  
CONC DFAULT ELEV

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

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

SRC1	0	0.35000E-05	-1237.5	-551.6	0.0	0.30	294.26	0.00	0.30	YES	NO
1 *** AERMOD - VERSION 04300 ***			***	***	***	***	***	***	***	***	***
04/17/08			***	***	***	***	***	***	***	***	***

20:28:57  
\*\*MODELOPTs:

PAGE 3  
CONC DFAULT ELEV

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

GROUP ID SOURCE IDs

ALL SRC1  
1 \*\*\* AERMOD - VERSION 04300 \*\*\* \*\*\* C-400 Design Fugitive Emissions \*\*\*



04/17/08

\*\*\* DCE

\*\*\*

20:28:57

\*\*MODELOPTs:

PAGE 4

CONC

DFAULT ELEV

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

SOURCE ID: SRC1

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

1 \*\*\* AERMOD - VERSION 04300 \*\*\* \*\*\* C-400 Design Fugitive Emissions

04/17/08

\*\*\* DCE

\*\*\*

\*\*\*

20:28:57

\*\*MODELOPTs:

PAGE 5

CONC

DFAULT ELEV

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

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



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

1 \*\*\* AERMOD - VERSION 04300 \*\*\*      \*\*\* C-400 Design Fugitive Emissions

\*\*\*

04/17/08

\*\*\* DCE

\*\*\*

20:28:57

\*\*MODELOPTs:

PAGE 6

CONC

DFAULT ELEV

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

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







20:28:57

\*\*MODELOPTs:

PAGE 8

CONC

DFAULT ELEV

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

0.0,	( 470.0,	-1610.0,	0.0,	0.0,	0.0);	( 670.0,	-1610.0,	0.0,
0.0,	( 870.0,	-1610.0,	0.0,	0.0,	0.0);	( 1070.0,	-1610.0,	0.0,
0.0,	( 1270.0,	-1610.0,	0.0,	0.0,	0.0);	( 1470.0,	-1610.0,	0.0,
0.0,	( 1670.0,	-1610.0,	0.0,	0.0,	0.0);	( -4330.0,	-1410.0,	0.0,
0.0,	( -4130.0,	-1410.0,	0.0,	0.0,	0.0);	( -3930.0,	-1410.0,	0.0,
0.0,	( -3730.0,	-1410.0,	0.0,	0.0,	0.0);	( -3530.0,	-1410.0,	0.0,
0.0,	( 470.0,	-1410.0,	0.0,	0.0,	0.0);	( 670.0,	-1410.0,	0.0,
0.0,	( 870.0,	-1410.0,	0.0,	0.0,	0.0);	( 1070.0,	-1410.0,	0.0,
0.0,	( 1270.0,	-1410.0,	0.0,	0.0,	0.0);	( 1470.0,	-1410.0,	0.0,
0.0,	( 1670.0,	-1410.0,	0.0,	0.0,	0.0);	( -4330.0,	-1210.0,	0.0,
0.0,	( -4130.0,	-1210.0,	0.0,	0.0,	0.0);	( -3930.0,	-1210.0,	0.0,
0.0,	( -3730.0,	-1210.0,	0.0,	0.0,	0.0);	( -3530.0,	-1210.0,	0.0,
0.0,	( 670.0,	-1210.0,	0.0,	0.0,	0.0);	( 870.0,	-1210.0,	0.0,
0.0,	( 1070.0,	-1210.0,	0.0,	0.0,	0.0);	( 1270.0,	-1210.0,	0.0,
0.0,	( 1470.0,	-1210.0,	0.0,	0.0,	0.0);	( 1670.0,	-1210.0,	0.0,
0.0,	( -4330.0,	-1010.0,	0.0,	0.0,	0.0);	( -4130.0,	-1010.0,	0.0,
0.0,	( -3930.0,	-1010.0,	0.0,	0.0,	0.0);	( -3730.0,	-1010.0,	0.0,
0.0,	( -3530.0,	-1010.0,	0.0,	0.0,	0.0);	( 670.0,	-1010.0,	0.0,
0.0,	( 870.0,	-1010.0,	0.0,	0.0,	0.0);	( 1070.0,	-1010.0,	0.0,
0.0,	( 1270.0,	-1010.0,	0.0,	0.0,	0.0);	( 1470.0,	-1010.0,	0.0,
0.0,	( 1670.0,	-1010.0,	0.0,	0.0,	0.0);	( -4330.0,	-810.0,	0.0,
0.0,	( -4130.0,	-810.0,	0.0,	0.0,	0.0);	( -3930.0,	-810.0,	0.0,
0.0,	( -3730.0,	-810.0,	0.0,	0.0,	0.0);	( -3530.0,	-810.0,	0.0,
0.0,	( 870.0,	-810.0,	0.0,	0.0,	0.0);	( 1070.0,	-810.0,	0.0,
0.0,	( 1270.0,	-810.0,	0.0,	0.0,	0.0);	( 1470.0,	-810.0,	0.0,
0.0,	( 1670.0,	-810.0,	0.0,	0.0,	0.0);	( -4330.0,	-610.0,	0.0,
0.0,	( -4130.0,	-610.0,	0.0,	0.0,	0.0);	( -3930.0,	-610.0,	0.0,
0.0,	( -3730.0,	-610.0,	0.0,	0.0,	0.0);	( -3530.0,	-610.0,	0.0,
0.0,	( 1070.0,	-610.0,	0.0,	0.0,	0.0);	( 1270.0,	-610.0,	0.0,
0.0,	( 1470.0,	-610.0,	0.0,	0.0,	0.0);	( 1670.0,	-610.0,	0.0,
0.0,	( -4330.0,	-410.0,	0.0,	0.0,	0.0);	( -4130.0,	-410.0,	0.0,
0.0,	( -3930.0,	-410.0,	0.0,	0.0,	0.0);	( -3730.0,	-410.0,	0.0,
0.0,	( -3530.0,	-410.0,	0.0,	0.0,	0.0);	( -3330.0,	-410.0,	0.0,
0.0,	( 870.0,	-410.0,	0.0,	0.0,	0.0);	( 1070.0,	-410.0,	0.0,
0.0,	( 1270.0,	-410.0,	0.0,	0.0,	0.0);	( 1470.0,	-410.0,	0.0,
0.0,	( 1670.0,	-410.0,	0.0,	0.0,	0.0);	( -4330.0,	-210.0,	0.0,



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

1 \*\*\* AERMOD - VERSION 04300 \*\*\*      \*\*\* C-400 Design Fugitive Emissions      \*\*\*  
04/17/08

\*\*\* DCE      \*\*\*

20:28:57  
\*\*MODELOPTs:  
PAGE 9  
CONC

DFAULT ELEV

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

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

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

1 \*\*\* AERMOD - VERSION 04300 \*\*\*  
04/17/08

\*\*\* C-400 Design Fugitive Emissions  
\*\*\* DCE

\*\*\*  
\*\*\*

20:28:57

\*\*MODELOPTs:  
PAGE 10  
CONC

DEFAULT ELEV

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

( -530.0,	1190.0,	0.0,	0.0,	0.0);	( 1470.0,	1190.0,	0.0,
0.0,	0.0);				( -4330.0,	1390.0,	0.0,
( 1670.0,	1190.0,	0.0,	0.0,	0.0);	( -3930.0,	1390.0,	0.0,
0.0,	0.0);				( -3530.0,	1390.0,	0.0,
( -4130.0,	1390.0,	0.0,	0.0,	0.0);	( -3130.0,	1390.0,	0.0,
0.0,	0.0);				( -2730.0,	1390.0,	0.0,
( -3730.0,	1390.0,	0.0,	0.0,	0.0);	( -2330.0,	1390.0,	0.0,
0.0,	0.0);				( -1930.0,	1390.0,	0.0,
( -3330.0,	1390.0,	0.0,	0.0,	0.0);	( -1530.0,	1390.0,	0.0,
0.0,	0.0);				( -1130.0,	1390.0,	0.0,
( -2930.0,	1390.0,	0.0,	0.0,	0.0);	( -730.0,	1390.0,	0.0,
0.0,	0.0);				( 1270.0,	1390.0,	0.0,
( -2530.0,	1390.0,	0.0,	0.0,	0.0);	( 1670.0,	1390.0,	0.0,
0.0,	0.0);				( -4130.0,	1590.0,	0.0,
( -2130.0,	1390.0,	0.0,	0.0,	0.0);	( -3730.0,	1590.0,	0.0,
0.0,	0.0);				( -3330.0,	1590.0,	0.0,
( -1730.0,	1390.0,	0.0,	0.0,	0.0);	( -2930.0,	1590.0,	0.0,
0.0,	0.0);				( -2530.0,	1590.0,	0.0,
( -1330.0,	1390.0,	0.0,	0.0,	0.0);			
0.0,	0.0);						
( -930.0,	1390.0,	0.0,	0.0,	0.0);			
0.0,	0.0);						
( -530.0,	1390.0,	0.0,	0.0,	0.0);			
0.0,	0.0);						
( 1470.0,	1390.0,	0.0,	0.0,	0.0);			
0.0,	0.0);						
( -4330.0,	1590.0,	0.0,	0.0,	0.0);			
0.0,	0.0);						
( -3930.0,	1590.0,	0.0,	0.0,	0.0);			
0.0,	0.0);						
( -3530.0,	1590.0,	0.0,	0.0,	0.0);			
0.0,	0.0);						
( -3130.0,	1590.0,	0.0,	0.0,	0.0);			
0.0,	0.0);						
( -2730.0,	1590.0,	0.0,	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);						
( -1930.0,	1590.0,	0.0,	0.0,	0.0);	( -1730.0,	1590.0,	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);						
( -1130.0,	1590.0,	0.0,	0.0,	0.0);	( -930.0,	1590.0,	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);						
( 870.0,	1590.0,	0.0,	0.0,	0.0);	( 1070.0,	1590.0,	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);						
( 1670.0,	1590.0,	0.0,	0.0,	0.0);	( -4330.0,	1790.0,	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);						
( -3730.0,	1790.0,	0.0,	0.0,	0.0);	( -3530.0,	1790.0,	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);						
( -2930.0,	1790.0,	0.0,	0.0,	0.0);	( -2730.0,	1790.0,	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);						
( -2130.0,	1790.0,	0.0,	0.0,	0.0);	( -1930.0,	1790.0,	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);						
( -1330.0,	1790.0,	0.0,	0.0,	0.0);	( -1130.0,	1790.0,	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);						
( -530.0,	1790.0,	0.0,	0.0,	0.0);	( -330.0,	1790.0,	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);						
( 1070.0,	1790.0,	0.0,	0.0,	0.0);	( 1270.0,	1790.0,	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);						
( -4330.0,	1990.0,	0.0,	0.0,	0.0);	( -4130.0,	1990.0,	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);						
( -3530.0,	1990.0,	0.0,	0.0,	0.0);	( -3330.0,	1990.0,	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);						
( -2730.0,	1990.0,	0.0,	0.0,	0.0);	( -2530.0,	1990.0,	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 \*\*\*  
04/17/08

\*\*\* C-400 Design Fugitive Emissions

\*\*\*

\*\*\* DCE

\*\*\*

20:28:57

\*\*MODELOPTs:

PAGE 11

CONC

DFAULT ELEV

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

( -1930.0,	1990.0,	0.0,	0.0,	0.0);	( -1730.0,	1990.0,	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);						
( -1130.0,	1990.0,	0.0,	0.0,	0.0);	( -930.0,	1990.0,	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);						
( -330.0,	1990.0,	0.0,	0.0,	0.0);	( 270.0,	1990.0,	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);						
( 870.0,	1990.0,	0.0,	0.0,	0.0);	( 1070.0,	1990.0,	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);						
( 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 \*\*\*  
04/17/08

\*\*\* C-400 Design Fugitive Emissions

\*\*\*

\*\*\* DCE

\*\*\*

20:28:57

\*\*MODELOPTs:

PAGE 12

CONC

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

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 Fugitive Emissions \*\*\*  
 04/17/08

\*\*\* DCE

20:28:57

\*\*MODELOPTs:

PAGE 13

CONC

DFAULT ELEV

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

0.0, 0.0);	( -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,

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 Fugitive Emissions      \*\*\*  
04/17/08      \*\*\* DCE      \*\*\*

20:28:57  
\*\*MODELOPTs:  
PAGE 14  
CONC

DFAULT ELEV

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

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







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

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

First 24 hours of scalar data

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

First hour of profile data

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

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

1 \*\*\* AERMOD - VERSION 04300 \*\*\* \*\*\* C-400 Design Fugitive Emissions \*\*\*  
 04/17/08

\*\*\* DCE \*\*\*

20:28:57

\*\*MODELOPTs:

PAGE 17

CONC

DFAULT ELEV

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

\*\*\*

INCLUDING SOURCE(S): SRC1 ,

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-4330.00	-3610.00	0.00000	-4130.00	-3610.00	0.00000
-3930.00	-3610.00	0.00000	-3730.00	-3610.00	0.00000
-3530.00	-3610.00	0.00000	-3330.00	-3610.00	0.00000
-3130.00	-3610.00	0.00000	-2930.00	-3610.00	0.00000
-2730.00	-3610.00	0.00000	-2530.00	-3610.00	0.00000
-2330.00	-3610.00	0.00000	-2130.00	-3610.00	0.00000
-1930.00	-3610.00	0.00000	-1730.00	-3610.00	0.00000
-1530.00	-3610.00	0.00000	-1330.00	-3610.00	0.00000
-1130.00	-3610.00	0.00000	-930.00	-3610.00	0.00000
-730.00	-3610.00	0.00000	-530.00	-3610.00	0.00000
-330.00	-3610.00	0.00000	-130.00	-3610.00	0.00000
70.00	-3610.00	0.00000	270.00	-3610.00	0.00000
470.00	-3610.00	0.00000	670.00	-3610.00	0.00000
870.00	-3610.00	0.00000	1070.00	-3610.00	0.00000
1270.00	-3610.00	0.00000	1470.00	-3610.00	0.00000
1670.00	-3610.00	0.00000	-4330.00	-3410.00	0.00000
-4130.00	-3410.00	0.00000	-3930.00	-3410.00	0.00000
-3730.00	-3410.00	0.00000	-3530.00	-3410.00	0.00000
-3330.00	-3410.00	0.00000	-3130.00	-3410.00	0.00000
-2930.00	-3410.00	0.00000	-2730.00	-3410.00	0.00000
-2530.00	-3410.00	0.00000	-2330.00	-3410.00	0.00000
-2130.00	-3410.00	0.00000	-1930.00	-3410.00	0.00000
-1730.00	-3410.00	0.00000	-1530.00	-3410.00	0.00000
-1330.00	-3410.00	0.00000	-1130.00	-3410.00	0.00000
-930.00	-3410.00	0.00000	-730.00	-3410.00	0.00000
-530.00	-3410.00	0.00000	-330.00	-3410.00	0.00000
-130.00	-3410.00	0.00000	70.00	-3410.00	0.00000
270.00	-3410.00	0.00000	470.00	-3410.00	0.00000
670.00	-3410.00	0.00000	870.00	-3410.00	0.00000
1070.00	-3410.00	0.00000	1270.00	-3410.00	0.00000
1470.00	-3410.00	0.00000	1670.00	-3410.00	0.00000
-4330.00	-3210.00	0.00000	-4130.00	-3210.00	0.00000
-3930.00	-3210.00	0.00000	-3730.00	-3210.00	0.00000
-3530.00	-3210.00	0.00000	-3330.00	-3210.00	0.00000
-3130.00	-3210.00	0.00000	-2930.00	-3210.00	0.00000
-2730.00	-3210.00	0.00000	-2530.00	-3210.00	0.00000
-2330.00	-3210.00	0.00000	-2130.00	-3210.00	0.00000
-1930.00	-3210.00	0.00000	-1730.00	-3210.00	0.00000
-1530.00	-3210.00	0.00000	-1330.00	-3210.00	0.00000
-1130.00	-3210.00	0.00000	-930.00	-3210.00	0.00000

1 \*\*\* AERMOD - VERSION 04300 \*\*\*  
04/17/08

\*\*\* C-400 Design Fugitive Emissions

\*\*\*

\*\*\* DCE

\*\*\*

20:28:57

\*\*MODELOPTs:

PAGE 18

CONC

DFAULT ELEV

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

\*\*\*

INCLUDING SOURCE(S): SRC1

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

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

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-730.00	-3210.00	0.00000	-530.00	-3210.00	0.00000
-330.00	-3210.00	0.00000	-130.00	-3210.00	0.00000
70.00	-3210.00	0.00000	270.00	-3210.00	0.00000
470.00	-3210.00	0.00000	670.00	-3210.00	0.00000
870.00	-3210.00	0.00000	1070.00	-3210.00	0.00000
1270.00	-3210.00	0.00000	1470.00	-3210.00	0.00000
1670.00	-3210.00	0.00000	-4330.00	-3010.00	0.00000
-4130.00	-3010.00	0.00000	-3930.00	-3010.00	0.00000
-3730.00	-3010.00	0.00000	-3530.00	-3010.00	0.00000
-3330.00	-3010.00	0.00000	-3130.00	-3010.00	0.00000
-2930.00	-3010.00	0.00000	-2730.00	-3010.00	0.00000
-2530.00	-3010.00	0.00000	-2330.00	-3010.00	0.00000
-2130.00	-3010.00	0.00000	-1930.00	-3010.00	0.00000
-1730.00	-3010.00	0.00000	-1530.00	-3010.00	0.00000
-1330.00	-3010.00	0.00000	-1130.00	-3010.00	0.00000
-930.00	-3010.00	0.00000	-730.00	-3010.00	0.00000
-530.00	-3010.00	0.00000	-330.00	-3010.00	0.00000
-130.00	-3010.00	0.00000	70.00	-3010.00	0.00000
270.00	-3010.00	0.00000	470.00	-3010.00	0.00000
670.00	-3010.00	0.00000	870.00	-3010.00	0.00000

1070.00	-3010.00	0.00000	1270.00	-3010.00	0.00000
1470.00	-3010.00	0.00000	1670.00	-3010.00	0.00000
-4330.00	-2810.00	0.00000	-4130.00	-2810.00	0.00000
-3930.00	-2810.00	0.00000	-3730.00	-2810.00	0.00000
-3530.00	-2810.00	0.00000	-3330.00	-2810.00	0.00000
-3130.00	-2810.00	0.00000	-2930.00	-2810.00	0.00000
-2730.00	-2810.00	0.00000	-2530.00	-2810.00	0.00000
-2330.00	-2810.00	0.00000	-2130.00	-2810.00	0.00000
-1930.00	-2810.00	0.00000	-1730.00	-2810.00	0.00000
-1530.00	-2810.00	0.00000	-1330.00	-2810.00	0.00000
-1130.00	-2810.00	0.00000	-930.00	-2810.00	0.00000
-730.00	-2810.00	0.00000	-530.00	-2810.00	0.00000
-330.00	-2810.00	0.00000	-130.00	-2810.00	0.00000
70.00	-2810.00	0.00000	270.00	-2810.00	0.00000
470.00	-2810.00	0.00000	670.00	-2810.00	0.00000
870.00	-2810.00	0.00000	1070.00	-2810.00	0.00000
1270.00	-2810.00	0.00000	1470.00	-2810.00	0.00000
1670.00	-2810.00	0.00000	-4330.00	-2610.00	0.00000
-4130.00	-2610.00	0.00000	-3930.00	-2610.00	0.00000
-3730.00	-2610.00	0.00000	-3530.00	-2610.00	0.00000

1 \*\*\* AERMOD - VERSION 04300 \*\*\*      \*\*\* C-400 Design Fugitive Emissions      \*\*\*  
04/17/08      \*\*\* DCE      \*\*\*

20:28:57  
\*\*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 DCE      IN MICROGRAMS/M\*\*3      \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-3330.00	-2610.00	0.00000	-3130.00	-2610.00	0.00000
-2930.00	-2610.00	0.00000	-2730.00	-2610.00	0.00000
-2530.00	-2610.00	0.00000	-2330.00	-2610.00	0.00000
-2130.00	-2610.00	0.00000	-1930.00	-2610.00	0.00000
-1730.00	-2610.00	0.00000	-1530.00	-2610.00	0.00000
-1330.00	-2610.00	0.00000	-1130.00	-2610.00	0.00000
-930.00	-2610.00	0.00000	-730.00	-2610.00	0.00000
-530.00	-2610.00	0.00000	-330.00	-2610.00	0.00000
-130.00	-2610.00	0.00000	70.00	-2610.00	0.00000
270.00	-2610.00	0.00000	470.00	-2610.00	0.00000
670.00	-2610.00	0.00000	870.00	-2610.00	0.00000
1070.00	-2610.00	0.00000	1270.00	-2610.00	0.00000
1470.00	-2610.00	0.00000	1670.00	-2610.00	0.00000
-4330.00	-2410.00	0.00000	-4130.00	-2410.00	0.00000
-3930.00	-2410.00	0.00000	-3730.00	-2410.00	0.00000
-3530.00	-2410.00	0.00000	-3330.00	-2410.00	0.00000
-3130.00	-2410.00	0.00000	-2930.00	-2410.00	0.00000
-2730.00	-2410.00	0.00000	-2530.00	-2410.00	0.00000
-2330.00	-2410.00	0.00000	-2130.00	-2410.00	0.00000
-1930.00	-2410.00	0.00000	-1730.00	-2410.00	0.00000
-1530.00	-2410.00	0.00000	-1330.00	-2410.00	0.00000
-1130.00	-2410.00	0.00000	-330.00	-2410.00	0.00000
-130.00	-2410.00	0.00000	70.00	-2410.00	0.00000
270.00	-2410.00	0.00000	470.00	-2410.00	0.00000
670.00	-2410.00	0.00000	870.00	-2410.00	0.00000
1070.00	-2410.00	0.00000	1270.00	-2410.00	0.00000
1470.00	-2410.00	0.00000	1670.00	-2410.00	0.00000
-4330.00	-2210.00	0.00000	-4130.00	-2210.00	0.00000
-3930.00	-2210.00	0.00000	-3730.00	-2210.00	0.00000
-3530.00	-2210.00	0.00000	-3330.00	-2210.00	0.00000
-3130.00	-2210.00	0.00000	-2930.00	-2210.00	0.00000
-2730.00	-2210.00	0.00000	-2530.00	-2210.00	0.00000
-330.00	-2210.00	0.00000	-130.00	-2210.00	0.00000
70.00	-2210.00	0.00000	270.00	-2210.00	0.00000
470.00	-2210.00	0.00000	670.00	-2210.00	0.00000
870.00	-2210.00	0.00000	1070.00	-2210.00	0.00000
1270.00	-2210.00	0.00000	1470.00	-2210.00	0.00000
1670.00	-2210.00	0.00000	-4330.00	-2010.00	0.00000
-4130.00	-2010.00	0.00000	-3930.00	-2010.00	0.00000
-3730.00	-2010.00	0.00000	-3530.00	-2010.00	0.00000

1 \*\*\* AERMOD - VERSION 04300 \*\*\*      \*\*\* C-400 Design Fugitive Emissions      \*\*\*  
04/17/08      \*\*\* DCE      \*\*\*

20:28:57  
\*\*MODELOPTs:  
PAGE 20



CONC

DFAULT ELEV

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

\*\*\*

INCLUDING SOURCE(S): SRC1

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-3330.00	-2010.00	0.00000	-3130.00	-2010.00	0.00000
-130.00	-2010.00	0.00000	270.00	-2010.00	0.00000
470.00	-2010.00	0.00000	670.00	-2010.00	0.00000
870.00	-2010.00	0.00000	1070.00	-2010.00	0.00000
1270.00	-2010.00	0.00000	1470.00	-2010.00	0.00000
1670.00	-2010.00	0.00000	-4330.00	-1810.00	0.00000
-4130.00	-1810.00	0.00000	-3930.00	-1810.00	0.00000
-3730.00	-1810.00	0.00000	-3530.00	-1810.00	0.00000
-3330.00	-1810.00	0.00000	470.00	-1810.00	0.00000
670.00	-1810.00	0.00000	870.00	-1810.00	0.00000
1070.00	-1810.00	0.00000	1270.00	-1810.00	0.00000
1470.00	-1810.00	0.00000	1670.00	-1810.00	0.00000
-4330.00	-1610.00	0.00000	-4130.00	-1610.00	0.00000
-3930.00	-1610.00	0.00000	-3730.00	-1610.00	0.00000
-3530.00	-1610.00	0.00000	-3330.00	-1610.00	0.00000
470.00	-1610.00	0.00000	670.00	-1610.00	0.00000
870.00	-1610.00	0.00000	1070.00	-1610.00	0.00000
1270.00	-1610.00	0.00000	1470.00	-1610.00	0.00000
1670.00	-1610.00	0.00000	-4330.00	-1410.00	0.00000
-4130.00	-1410.00	0.00000	-3930.00	-1410.00	0.00000
-3730.00	-1410.00	0.00000	-3530.00	-1410.00	0.00000
470.00	-1410.00	0.00000	670.00	-1410.00	0.00000
870.00	-1410.00	0.00000	1070.00	-1410.00	0.00000
1270.00	-1410.00	0.00000	1470.00	-1410.00	0.00000
1670.00	-1410.00	0.00000	-4330.00	-1210.00	0.00000
-4130.00	-1210.00	0.00000	-3930.00	-1210.00	0.00000
-3730.00	-1210.00	0.00000	-3530.00	-1210.00	0.00000
670.00	-1210.00	0.00000	870.00	-1210.00	0.00000
1070.00	-1210.00	0.00000	1270.00	-1210.00	0.00000
1470.00	-1210.00	0.00000	1670.00	-1210.00	0.00000
-4330.00	-1010.00	0.00000	-4130.00	-1010.00	0.00000
-3930.00	-1010.00	0.00000	-3730.00	-1010.00	0.00000
-3530.00	-1010.00	0.00000	670.00	-1010.00	0.00000
870.00	-1010.00	0.00000	1070.00	-1010.00	0.00000
1270.00	-1010.00	0.00000	1470.00	-1010.00	0.00000
1670.00	-1010.00	0.00000	-4330.00	-810.00	0.00000
-4130.00	-810.00	0.00000	-3930.00	-810.00	0.00000
-3730.00	-810.00	0.00000	-3530.00	-810.00	0.00000
870.00	-810.00	0.00000	1070.00	-810.00	0.00000
1270.00	-810.00	0.00000	1470.00	-810.00	0.00000

1 \*\*\* AERMOD - VERSION 04300 \*\*\*  
04/17/08

\*\*\* C-400 Design Fugitive Emissions

\*\*\*

\*\*\* DCE

\*\*\*

20:28:57

\*\*MODELOPTs:

PAGE 21

CONC

DFAULT ELEV

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

\*\*\*

INCLUDING SOURCE(S): SRC1

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
1670.00	-810.00	0.00000	-4330.00	-610.00	0.00000
-4130.00	-610.00	0.00000	-3930.00	-610.00	0.00000
-3730.00	-610.00	0.00000	-3530.00	-610.00	0.00000
1070.00	-610.00	0.00000	1270.00	-610.00	0.00000
1470.00	-610.00	0.00000	1670.00	-610.00	0.00000
-4330.00	-410.00	0.00000	-4130.00	-410.00	0.00000
-3930.00	-410.00	0.00000	-3730.00	-410.00	0.00000
-3530.00	-410.00	0.00000	-3330.00	-410.00	0.00000
870.00	-410.00	0.00000	1070.00	-410.00	0.00000
1270.00	-410.00	0.00000	1470.00	-410.00	0.00000
1670.00	-410.00	0.00000	-4330.00	-210.00	0.00000
-4130.00	-210.00	0.00000	-3930.00	-210.00	0.00000
-3730.00	-210.00	0.00000	-3530.00	-210.00	0.00000



-3330.00	-210.00	0.00000	-3130.00	-210.00	0.00000
870.00	-210.00	0.00000	1070.00	-210.00	0.00000
1270.00	-210.00	0.00000	1470.00	-210.00	0.00000
1670.00	-210.00	0.00000	-4330.00	-10.00	0.00000
-4130.00	-10.00	0.00000	-3930.00	-10.00	0.00000
-3730.00	-10.00	0.00000	-3530.00	-10.00	0.00000
-3330.00	-10.00	0.00000	-3130.00	-10.00	0.00000
1070.00	-10.00	0.00000	1270.00	-10.00	0.00000
1470.00	-10.00	0.00000	1670.00	-10.00	0.00000
-4330.00	190.00	0.00000	-4130.00	190.00	0.00000
-3930.00	190.00	0.00000	-3730.00	190.00	0.00000
-3530.00	190.00	0.00000	-3330.00	190.00	0.00000
-3130.00	190.00	0.00000	-2930.00	190.00	0.00000
1070.00	190.00	0.00000	1270.00	190.00	0.00000
1470.00	190.00	0.00000	1670.00	190.00	0.00000
-4330.00	390.00	0.00000	-4130.00	390.00	0.00000
-3930.00	390.00	0.00000	-3730.00	390.00	0.00000
-3530.00	390.00	0.00000	-3330.00	390.00	0.00000
-3130.00	390.00	0.00000	-2930.00	390.00	0.00001
1270.00	390.00	0.00000	1470.00	390.00	0.00000
1670.00	390.00	0.00000	-4330.00	590.00	0.00000
-4130.00	590.00	0.00000	-3930.00	590.00	0.00000
-3730.00	590.00	0.00000	-3530.00	590.00	0.00000
-3330.00	590.00	0.00000	-3130.00	590.00	0.00000
-2930.00	590.00	0.00000	-2730.00	590.00	0.00001
-2530.00	590.00	0.00001	1270.00	590.00	0.00000
1470.00	590.00	0.00000	1670.00	590.00	0.00000

1 \*\*\* AERMOD - VERSION 04300 \*\*\*  
04/17/08

\*\*\* C-400 Design Fugitive Emissions

\*\*\*

\*\*\* DCE

\*\*\*

20:28:57

\*\*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 DCE IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-4330.00	790.00	0.00000	-4130.00	790.00	0.00000
-3930.00	790.00	0.00000	-3730.00	790.00	0.00000
-3530.00	790.00	0.00000	-3330.00	790.00	0.00000
-3130.00	790.00	0.00000	-2930.00	790.00	0.00001
-2730.00	790.00	0.00000	-2530.00	790.00	0.00001
-2330.00	790.00	0.00001	-730.00	790.00	0.00000
1270.00	790.00	0.00000	1470.00	790.00	0.00000
1670.00	790.00	0.00000	-4330.00	990.00	0.00000
-4130.00	990.00	0.00000	-3930.00	990.00	0.00000
-3730.00	990.00	0.00000	-3530.00	990.00	0.00000
-3330.00	990.00	0.00000	-3130.00	990.00	0.00000
-2930.00	990.00	0.00000	-2730.00	990.00	0.00000
-2530.00	990.00	0.00000	-2330.00	990.00	0.00000
-2130.00	990.00	0.00000	-1130.00	990.00	0.00000
-930.00	990.00	0.00000	-730.00	990.00	0.00000
1470.00	990.00	0.00000	1670.00	990.00	0.00000
-4330.00	1190.00	0.00000	-4130.00	1190.00	0.00000
-3930.00	1190.00	0.00000	-3730.00	1190.00	0.00000
-3530.00	1190.00	0.00000	-3330.00	1190.00	0.00000
-3130.00	1190.00	0.00000	-2930.00	1190.00	0.00000
-2730.00	1190.00	0.00000	-2530.00	1190.00	0.00000
-2330.00	1190.00	0.00000	-2130.00	1190.00	0.00000
-1730.00	1190.00	0.00000	-1530.00	1190.00	0.00000
-1330.00	1190.00	0.00001	-1130.00	1190.00	0.00000
-930.00	1190.00	0.00000	-730.00	1190.00	0.00000
-530.00	1190.00	0.00000	1470.00	1190.00	0.00000
1670.00	1190.00	0.00000	-4330.00	1390.00	0.00000
-4130.00	1390.00	0.00000	-3930.00	1390.00	0.00000
-3730.00	1390.00	0.00000	-3530.00	1390.00	0.00000
-3330.00	1390.00	0.00000	-3130.00	1390.00	0.00000
-2930.00	1390.00	0.00000	-2730.00	1390.00	0.00000
-2530.00	1390.00	0.00000	-2330.00	1390.00	0.00000
-2130.00	1390.00	0.00000	-1930.00	1390.00	0.00000
-1730.00	1390.00	0.00000	-1530.00	1390.00	0.00000
-1330.00	1390.00	0.00001	-1130.00	1390.00	0.00000
-930.00	1390.00	0.00000	-730.00	1390.00	0.00000
-530.00	1390.00	0.00000	1270.00	1390.00	0.00000
1470.00	1390.00	0.00000	1670.00	1390.00	0.00000
-4330.00	1590.00	0.00000	-4130.00	1590.00	0.00000

-3930.00 1590.00 0.00000 -3730.00 1590.00 0.00000  
 1 \*\*\* AERMOD - VERSION 04300 \*\*\* \*\*\* C-400 Design Fugitive Emissions \*\*\*  
 04/17/08 \*\*\* DCE \*\*\*

20:28:57  
 \*\*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 DCE			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-3530.00	1590.00	0.00000	-3330.00	1590.00	0.00000
-3130.00	1590.00	0.00000	-2930.00	1590.00	0.00000
-2730.00	1590.00	0.00000	-2530.00	1590.00	0.00000
-2330.00	1590.00	0.00000	-2130.00	1590.00	0.00000
-1930.00	1590.00	0.00000	-1730.00	1590.00	0.00000
-1530.00	1590.00	0.00000	-1330.00	1590.00	0.00000
-1130.00	1590.00	0.00000	-930.00	1590.00	0.00000
-730.00	1590.00	0.00000	-530.00	1590.00	0.00000
870.00	1590.00	0.00000	1070.00	1590.00	0.00000
1270.00	1590.00	0.00000	1470.00	1590.00	0.00000
1670.00	1590.00	0.00000	-4330.00	1790.00	0.00000
-4130.00	1790.00	0.00000	-3930.00	1790.00	0.00000
-3730.00	1790.00	0.00000	-3530.00	1790.00	0.00000
-3330.00	1790.00	0.00000	-3130.00	1790.00	0.00000
-2930.00	1790.00	0.00000	-2730.00	1790.00	0.00000
-2530.00	1790.00	0.00000	-2330.00	1790.00	0.00000
-2130.00	1790.00	0.00000	-1930.00	1790.00	0.00000
-1730.00	1790.00	0.00000	-1530.00	1790.00	0.00000
-1330.00	1790.00	0.00000	-1130.00	1790.00	0.00000
-930.00	1790.00	0.00000	-730.00	1790.00	0.00000
-530.00	1790.00	0.00000	-330.00	1790.00	0.00000
670.00	1790.00	0.00000	870.00	1790.00	0.00000
1070.00	1790.00	0.00000	1270.00	1790.00	0.00000
1470.00	1790.00	0.00000	1670.00	1790.00	0.00000
-4330.00	1990.00	0.00000	-4130.00	1990.00	0.00000
-3930.00	1990.00	0.00000	-3730.00	1990.00	0.00000
-3530.00	1990.00	0.00000	-3330.00	1990.00	0.00000
-3130.00	1990.00	0.00000	-2930.00	1990.00	0.00000
-2730.00	1990.00	0.00000	-2530.00	1990.00	0.00000
-2330.00	1990.00	0.00000	-2130.00	1990.00	0.00000
-1930.00	1990.00	0.00000	-1730.00	1990.00	0.00000
-1530.00	1990.00	0.00000	-1330.00	1990.00	0.00000
-1130.00	1990.00	0.00000	-930.00	1990.00	0.00000
-730.00	1990.00	0.00000	-530.00	1990.00	0.00000
-330.00	1990.00	0.00000	270.00	1990.00	0.00000
470.00	1990.00	0.00000	670.00	1990.00	0.00000
870.00	1990.00	0.00000	1070.00	1990.00	0.00000
1270.00	1990.00	0.00000	1470.00	1990.00	0.00000
1670.00	1990.00	0.00000	-4330.00	2190.00	0.00000
-4130.00	2190.00	0.00000	-3930.00	2190.00	0.00000

1 \*\*\* AERMOD - VERSION 04300 \*\*\* \*\*\* C-400 Design Fugitive Emissions \*\*\*  
 04/17/08 \*\*\* DCE \*\*\*

20:28:57  
 \*\*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 DCE			IN MICROGRAMS/M**3		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-3730.00	2190.00	0.00000	-3530.00	2190.00	0.00000
-3330.00	2190.00	0.00000	-3130.00	2190.00	0.00000
-2930.00	2190.00	0.00000	-2730.00	2190.00	0.00000
-2530.00	2190.00	0.00000	-2330.00	2190.00	0.00000
-2130.00	2190.00	0.00000	-1930.00	2190.00	0.00000
-1730.00	2190.00	0.00000	-1530.00	2190.00	0.00000

-1330.00	2190.00	0.00000	-1130.00	2190.00	0.00000
-930.00	2190.00	0.00000	-730.00	2190.00	0.00000
-530.00	2190.00	0.00000	-330.00	2190.00	0.00000
-130.00	2190.00	0.00000	70.00	2190.00	0.00000
270.00	2190.00	0.00000	470.00	2190.00	0.00000
670.00	2190.00	0.00000	870.00	2190.00	0.00000
1070.00	2190.00	0.00000	1270.00	2190.00	0.00000
1470.00	2190.00	0.00000	1670.00	2190.00	0.00000
-4330.00	2390.00	0.00000	-4130.00	2390.00	0.00000
-3930.00	2390.00	0.00000	-3730.00	2390.00	0.00000
-3530.00	2390.00	0.00000	-3330.00	2390.00	0.00000
-3130.00	2390.00	0.00000	-2930.00	2390.00	0.00000
-2730.00	2390.00	0.00000	-2530.00	2390.00	0.00000
-2330.00	2390.00	0.00000	-2130.00	2390.00	0.00000
-1930.00	2390.00	0.00000	-1730.00	2390.00	0.00000
-1530.00	2390.00	0.00000	-1330.00	2390.00	0.00000
-1130.00	2390.00	0.00000	-930.00	2390.00	0.00000
-730.00	2390.00	0.00000	-530.00	2390.00	0.00000
-330.00	2390.00	0.00000	-130.00	2390.00	0.00000
70.00	2390.00	0.00000	270.00	2390.00	0.00000
470.00	2390.00	0.00000	670.00	2390.00	0.00000
870.00	2390.00	0.00000	1070.00	2390.00	0.00000
1270.00	2390.00	0.00000	1470.00	2390.00	0.00000
1670.00	2390.00	0.00000	-2278.50	-554.40	0.00000
-2185.15	-590.25	0.00001	-2091.80	-626.10	0.00001
-1998.44	-661.96	0.00001	-1905.09	-697.81	0.00001
-1811.74	-733.66	0.00002	-1718.39	-769.51	0.00002
-1625.04	-805.37	0.00003	-1566.10	-828.00	0.00004
-1596.42	-923.29	0.00002	-1606.00	-953.40	0.00002
-1583.20	-964.80	0.00001	-1583.20	-981.90	0.00001
-1488.74	-1014.71	0.00001	-1452.20	-1027.40	0.00001
-1487.28	-1121.04	0.00001	-1522.36	-1214.69	0.00001
-1554.70	-1301.00	0.00001	-1606.00	-1295.30	0.00001
-1617.40	-1323.80	0.00001	-1697.20	-1295.30	0.00001

1 \*\*\* AERMOD - VERSION 04300 \*\*\*  
04/17/08

\*\*\* C-400 Design Fugitive Emissions

\*\*\*

\*\*\* DCE

\*\*\*

20:28:57  
\*\*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 DCE IN MICROGRAMS/M\*\*3

\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-1733.64	-1388.42	0.00000	-1748.50	-1426.40	0.00000
-1754.20	-1472.00	0.00000	-1771.30	-1511.90	0.00000
-1697.20	-1546.10	0.00000	-1651.60	-1574.60	0.00000
-1683.22	-1669.47	0.00000	-1714.30	-1762.70	0.00000
-1621.44	-1799.80	0.00000	-1528.57	-1836.90	0.00001
-1514.80	-1842.40	0.00001	-1548.43	-1936.57	0.00001
-1571.80	-2002.00	0.00000	-1477.82	-2036.18	0.00001
-1383.85	-2070.37	0.00000	-1289.87	-2104.55	0.00000
-1258.40	-2116.00	0.00000	-1224.77	-2021.83	0.00000
-1201.40	-1956.40	0.00000	-1107.53	-1990.88	0.00000
-1013.67	-2025.36	0.00000	-922.10	-2059.00	0.00000
-887.86	-1965.04	0.00000	-853.62	-1871.09	0.00000
-819.38	-1777.13	0.00000	-785.15	-1683.18	0.00000
-750.91	-1589.22	0.00000	-716.67	-1495.26	0.00000
-682.43	-1401.31	0.00000	-648.19	-1307.35	0.00001
-613.95	-1213.40	0.00001	-579.71	-1119.44	0.00001
-545.48	-1025.48	0.00001	-511.24	-931.53	0.00001
-477.00	-837.57	0.00001	-442.76	-743.62	0.00001
-408.52	-649.66	0.00001	-374.28	-555.71	0.00001
-340.04	-461.75	0.00001	-305.80	-367.79	0.00001
-271.57	-273.84	0.00001	-237.33	-179.88	0.00001
-203.09	-85.93	0.00001	-186.90	-41.50	0.00001
-280.82	-7.15	0.00001	-374.73	27.20	0.00001
-468.65	61.55	0.00001	-562.56	95.90	0.00001
-656.48	130.25	0.00001	-750.39	164.60	0.00001
-844.31	198.95	0.00001	-938.22	233.30	0.00001
-1032.14	267.65	0.00001	-1126.05	302.00	0.00001
-1219.97	336.35	0.00001	-1313.88	370.70	0.00002
-1407.80	405.05	0.00001	-1501.71	439.40	0.00001
-1595.63	473.75	0.00001	-1689.54	508.10	0.00001
-1783.46	542.45	0.00001	-1877.37	576.80	0.00000
-1885.30	579.70	0.00000	-1918.06	485.22	0.00000



-1950.82	390.74	0.00001	-1983.57	296.25	0.00001
-2016.33	201.77	0.00001	-2049.09	107.29	0.00001
-2081.85	12.81	0.00001	-2114.60	-81.68	0.00001
-2147.36	-176.16	0.00000	-2180.12	-270.64	0.00001
-2212.88	-365.12	0.00000	-2245.64	-459.61	0.00000
-2278.39	-554.09	0.00000	-2278.50	-554.40	0.00000
-144.10	2174.40	0.00000	-178.76	2080.60	0.00000
-213.42	1986.80	0.00000	-248.08	1893.00	0.00000

1 \*\*\* AERMOD - VERSION 04300 \*\*\*      \*\*\* C-400 Design Fugitive Emissions      \*\*\*  
04/17/08

\*\*\* DCE      \*\*\*

20:28:57

\*\*MODELOPTs:

PAGE 26

CONC

DFAULT ELEV

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

\*\*\*

INCLUDING SOURCE(S): SRC1

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

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
-282.75	1799.20	0.00000	-317.41	1705.40	0.00000
-352.07	1611.59	0.00000	-386.73	1517.79	0.00000
-421.39	1423.99	0.00000	-456.05	1330.19	0.00000
-490.71	1236.39	0.00000	-525.37	1142.59	0.00000
-560.04	1048.79	0.00000	-594.70	954.99	0.00000
-629.36	861.19	0.00000	-664.02	767.39	0.00000
-670.00	751.20	0.00000	-763.24	787.34	0.00000
-856.48	823.49	0.00000	-949.72	859.63	0.00000
-1042.96	895.78	0.00000	-1136.20	931.92	0.00001
-1229.44	968.07	0.00001	-1322.67	1004.21	0.00001
-1415.91	1040.36	0.00001	-1509.15	1076.50	0.00000
-1602.39	1112.65	0.00001	-1695.63	1148.79	0.00001
-1788.87	1184.94	0.00000	-1882.11	1221.08	0.00000
-1975.35	1257.23	0.00000	-2000.30	1266.90	0.00000
-2032.42	1172.20	0.00000	-2064.55	1077.50	0.00000
-2096.67	982.80	0.00000	-2128.80	888.10	0.00000
-2160.92	793.40	0.00000	-2193.04	698.70	0.00000
-2196.20	689.40	0.00000	-2277.80	631.60	0.00001
-2359.41	573.80	0.00001	-2441.01	516.00	0.00001
-2443.70	514.10	0.00001	-2539.33	484.87	0.00001
-2634.96	455.63	0.00001	-2730.60	426.40	0.00000
-2815.00	400.60	0.00000	-2858.53	310.57	0.00001
-2902.06	220.54	0.00000	-2945.58	130.51	0.00000
-2989.11	40.48	0.00000	-3032.64	-49.55	0.00000
-3076.17	-139.58	0.00000	-3119.69	-229.61	0.00000
-3163.22	-319.64	0.00000	-3206.75	-409.67	0.00000
-3250.28	-499.70	0.00000	-3268.70	-537.80	0.00000
-3344.62	-602.89	0.00000	-3413.10	-661.60	0.00000
-3465.27	-746.91	0.00000	-3517.44	-832.22	0.00000
-3526.60	-847.20	0.00000	-3497.85	-942.98	0.00000
-3469.10	-1038.76	0.00000	-3464.70	-1053.40	0.00000
-3481.11	-1152.04	0.00000	-3485.30	-1177.20	0.00000
-3445.34	-1268.87	0.00000	-3405.39	-1360.54	0.00000
-3365.43	-1452.21	0.00000	-3325.48	-1543.88	0.00000
-3285.52	-1635.56	0.00000	-3245.57	-1727.23	0.00000
-3205.61	-1818.90	0.00000	-3165.66	-1910.57	0.00000
-3134.70	-1981.60	0.00000	-3039.74	-2012.95	0.00000
-2944.78	-2044.30	0.00000	-2849.83	-2075.65	0.00000
-2754.87	-2107.01	0.00000	-2659.91	-2138.36	0.00000
-2564.95	-2169.71	0.00000	-2469.99	-2201.06	0.00000

1 \*\*\* AERMOD - VERSION 04300 \*\*\*      \*\*\* C-400 Design Fugitive Emissions      \*\*\*  
04/17/08

\*\*\* DCE      \*\*\*

20:28:57

\*\*MODELOPTs:

PAGE 27

CONC

DFAULT ELEV

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

\*\*\*

INCLUDING SOURCE(S): SRC1

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

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

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



-2375.03	-2232.41	0.00000	-2280.08	-2263.76	0.00000
-2185.12	-2295.12	0.00000	-2090.16	-2326.47	0.00000
-2041.60	-2342.50	0.00000	-1941.67	-2338.66	0.00000
-1841.75	-2334.82	0.00000	-1741.82	-2330.98	0.00000
-1641.89	-2327.15	0.00000	-1541.97	-2323.31	0.00000
-1442.04	-2319.47	0.00000	-1342.12	-2315.63	0.00000
-1242.19	-2311.79	0.00000	-1237.20	-2311.60	0.00000
-1143.30	-2345.98	0.00000	-1049.39	-2380.37	0.00000
-955.49	-2414.75	0.00000	-861.59	-2449.13	0.00000
-767.68	-2483.52	0.00000	-673.78	-2517.90	0.00000
-579.88	-2552.28	0.00000	-505.00	-2579.70	0.00000
-471.72	-2485.40	0.00000	-438.44	-2391.10	0.00000
-405.16	-2296.80	0.00000	-371.88	-2202.50	0.00000
-338.60	-2108.20	0.00000	-305.32	-2013.90	0.00000
-272.04	-1919.60	0.00000	-257.50	-1878.40	0.00000
-168.96	-1924.89	0.00000	-80.43	-1971.38	0.00000
8.11	-2017.87	0.00000	96.65	-2064.36	0.00000
155.00	-2095.00	0.00000	195.61	-2003.62	0.00000
236.23	-1912.24	0.00000	276.84	-1820.86	0.00000
317.46	-1729.48	0.00000	358.07	-1638.09	0.00000
398.68	-1546.71	0.00000	439.30	-1455.33	0.00000
479.91	-1363.95	0.00000	485.00	-1352.50	0.00000
485.00	-1252.50	0.00000	485.00	-1187.50	0.00000
521.66	-1094.46	0.00000	558.32	-1001.43	0.00000
594.99	-908.39	0.00000	619.10	-847.20	0.00000
707.34	-894.26	0.00000	773.80	-929.70	0.00000
819.59	-840.80	0.00000	865.39	-751.90	0.00000
911.18	-663.01	0.00000	949.10	-589.40	0.00000
884.70	-512.90	0.00000	820.30	-436.40	0.00000
784.10	-393.40	0.00000	825.48	-302.37	0.00000
866.87	-211.33	0.00000	908.25	-120.30	0.00000
938.80	-53.10	0.00000	973.09	40.84	0.00000
1007.38	134.77	0.00000	1041.67	228.71	0.00000
1075.96	322.65	0.00000	1110.25	416.58	0.00000
1144.55	510.52	0.00000	1178.84	604.46	0.00000
1213.13	698.39	0.00000	1247.42	792.33	0.00000
1281.71	886.27	0.00000	1316.00	980.21	0.00000
1350.29	1074.14	0.00000	1384.58	1168.08	0.00000
1413.10	1246.20	0.00000	1327.20	1297.40	0.00000
1241.30	1348.60	0.00000	1155.41	1399.80	0.00000

1 \*\*\* AERMOD - VERSION 04300 \*\*\*  
04/17/08

\*\*\* C-400 Design Fugitive Emissions

\*\*\*

\*\*\* DCE

\*\*\*

20:28:57

\*\*MODELOPTs:

PAGE 28

CONC

DFAULT ELEV

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

\*\*\*

INCLUDING SOURCE(S): SRC1

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

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

\*\*

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

1069.51	1451.00	0.00000	983.61	1502.21	0.00000
897.71	1553.41	0.00000	811.81	1604.61	0.00000
725.92	1655.81	0.00000	640.02	1707.01	0.00000
554.12	1758.21	0.00000	468.22	1809.41	0.00000
382.33	1860.61	0.00000	296.43	1911.81	0.00000
210.53	1963.02	0.00000	124.63	2014.22	0.00000
38.73	2065.42	0.00000	-47.16	2116.62	0.00000
-133.06	2167.82	0.00000			

1 \*\*\* AERMOD - VERSION 04300 \*\*\*  
04/17/08

\*\*\* C-400 Design Fugitive Emissions

\*\*\*

\*\*\* DCE

\*\*\*

20:28:57

\*\*MODELOPTs:

PAGE 29

CONC

DFAULT ELEV

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

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

\*\*

GROUP ID  
GRID-ID

AVERAGE CONC

RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)

NETWORK  
OF TYPE

```

- - - -
ALL      1ST HIGHEST VALUE IS      0.00004 AT (  -1566.10,   -828.00,    0.00,    0.00,    0.00) DC
          2ND HIGHEST VALUE IS      0.00003 AT (  -1625.04,   -805.37,    0.00,    0.00,    0.00) DC
          3RD HIGHEST VALUE IS      0.00002 AT (  -1596.42,   -923.29,    0.00,    0.00,    0.00) DC
          4TH HIGHEST VALUE IS      0.00002 AT (  -1718.39,   -769.51,    0.00,    0.00,    0.00) DC
          5TH HIGHEST VALUE IS      0.00002 AT (  -1811.74,   -733.66,    0.00,    0.00,    0.00) DC
          6TH HIGHEST VALUE IS      0.00002 AT (  -1606.00,   -953.40,    0.00,    0.00,    0.00) DC
          7TH HIGHEST VALUE IS      0.00002 AT (  -1313.88,    370.70,    0.00,    0.00,    0.00) DC
          8TH HIGHEST VALUE IS      0.00001 AT (  -1583.20,   -964.80,    0.00,    0.00,    0.00) DC
          9TH HIGHEST VALUE IS      0.00001 AT (  -1219.97,    336.35,    0.00,    0.00,    0.00) DC
         10TH HIGHEST VALUE IS      0.00001 AT (  -1583.20,   -981.90,    0.00,    0.00,    0.00) DC

```

```

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

```

```

1 *** AERMOD - VERSION 04300 ***      *** C-400 Design Fugitive Emissions      ***
04/17/08
                                     *** DCE                                     ***

```

```

20:28:57
**MODELOPTs:
PAGE 30
CONC

```

```

DFAULT ELEV

```

```

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

```

```

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

```

```

A Total of          0 Fatal Error Message(s)
A Total of          0 Warning Message(s)
A Total of        1944 Informational Message(s)

A Total of          1653 Calm Hours Identified

A Total of          291 Missing Hours Identified ( 3.32 Percent)

```

```

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

```

```

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

```

```

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

```

Dichloroethylene Fugitive BPIP Input File Report

'BREEZE BPIP - C:\Program Files\BREEZE\AERMOD5\Projects\C400 Design runs\DCE Fugitive C-400.bpi'

'ST'

'METERS' 1.0

'UTMY' 0.00

8

'BLD1' 1 0

13 16.764

-1699.00 -1377.70  
-1722.20 -1441.30  
-1713.20 -1445.10  
-1716.70 -1456.20  
-1702.40 -1462.50  
-1704.90 -1468.00  
-1697.90 -1470.50  
-1685.40 -1436.40  
-1680.20 -1438.20  
-1671.50 -1414.90  
-1677.10 -1413.20  
-1668.80 -1389.60  
-1699.70 -1378.10

'BLD2' 1 0

4 16.764

-1322.70 -1284.80  
-1046.30 -1384.80  
-929.60 -1072.30  
-1208.80 -970.90

'BLD3' 1 0

4 16.764

-1126.90 -900.10  
-899.20 -986.30  
-832.50 -800.10  
-1061.70 -718.20

'BLD4' 1 0

4 16.764

-932.40 -389.00  
-618.50 -504.30  
-515.80 -225.10  
-831.00 -111.20

'BLD5' 1 0

4 16.764

-1174.10 -300.10  
-989.40 -369.60  
-904.60 -136.20  
-1089.40 -72.30

'BLD6' 1 0

25 16.764

-1189.30 -598.70  
-1156.00 -611.20  
-1150.40 -602.90  
-1108.80 -616.70  
-1104.60 -608.40  
-1068.50 -620.90  
-1060.20 -604.20  
-1051.80 -607.00  
-1036.60 -566.70  
-1047.70 -562.60  
-1046.30 -558.40  
-1075.50 -547.30  
-1078.20 -551.50  
-1101.80 -544.50  
-1100.50 -536.20  
-1117.10 -529.20  
-1121.30 -536.20  
-1142.10 -526.50  
-1140.70 -518.10  
-1157.40 -512.60  
-1162.90 -523.70  
-1178.20 -520.90  
-1181.00 -526.50  
-1193.50 -523.70  
-1207.40 -557.00

'BLD7' 1 0

8 16.764

-1325.30 -533.50  
-1268.40 -555.70  
-1264.20 -543.20  
-1257.30 -546.00  
-1217.00 -441.80  
-1225.30 -439.00  
-1217.00 -405.70  
-1272.60 -384.90

'BLD8' 1 0

10 16.764

-1826.70 -630.60  
-1608.70 -712.50



-1565.60 -602.80  
-1608.70 -582.00  
-1603.10 -566.70  
-1736.50 -519.50  
-1740.60 -537.50  
-1783.70 -523.60  
-1810.10 -594.50  
-1815.60 -593.10

1

'SRC1' 0 0.3048 -1237.5 -551.6

Dichloroethylene Fugitive BPIP List File Report

Run Began on 4/17/2008 at 20:28:54

RUN INFORMATION

\*\*\*\*\*

BPIP Run File: C:\Program Files\BREEZE\AERMOD5\Projects\C400 Design runs\DCE Fugitive C-400.bpi  
Output List File: C:\Program Files\BREEZE\AERMOD5\Projects\C400 Design runs\DCE Fugitive C-400.bpo  
Output Wake File: C:\Program Files\BREEZE\AERMOD5\Projects\C400 Design runs\DCE Fugitive C-400.WAK  
\*\*\*\*\*

BREEZE BPIP - C:\Program Files\BREEZE\AERMOD5\Projects\C400 Design runs\DCE Fu

BPIP (Dated: 04274)

DATE : 4/17/2008

TIME : 20:28:54

BREEZE BPIP - C:\Program Files\BREEZE\AERMOD5\Projects\C400 Design runs\DCE Fu

=====  
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 UTMP 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	0.30 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: 0.30 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: 0.30  
 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: 0.30  
 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: 0.30  
 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: 0.30  
 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: 0.30  
 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: 0.30  
 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: 0.30  
 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: 0.30  
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: 0.30  
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: 0.30  
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: 0.30  
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: 0.30  
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: 0.30  
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: 0.30  
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: 0.30  
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: 0.30  
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

Drctn: 170.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 0.30  
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

Drctn: 180.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 0.30  
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

Drctn: 190.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 0.30  
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

Drctn: 200.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 0.30  
GEP: BH: 16.76 PBW: 92.56 \*Equation 1 Ht: 41.91  
No single tier affects this stack for this direction.

Drctn: 210.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 0.30  
GEP: BH: 16.76 PBW: 92.56 \*Equation 1 Ht: 41.91  
No single tier affects this stack for this direction.

Drctn: 220.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 0.30  
GEP: BH: 16.76 PBW: 92.56 \*Equation 1 Ht: 41.91  
No single tier affects this stack for this direction.

Drctn: 230.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 0.30  
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

Drctn: 240.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 0.30  
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

Drctn: 250.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 0.30  
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

Drctn: 260.00



StkNo: 1 Stk Name:SRC1 Stack Ht: 0.30  
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: 0.30  
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: 0.30  
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: 0.30  
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: 0.30  
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: 0.30  
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: 0.30  
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: 0.30  
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: 0.30  
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: 0.30  
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: 0.30  
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: 0.30  
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: 0.30  
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: 0.30  
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: 0.30  
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: 0.30  
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: 0.30  
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: 0.30  
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: 0.30  
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: 0.30  
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: 0.30  
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: 0.30  
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: 0.30  
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: 0.30  
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: 0.30  
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: 0.30  
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: 0.30  
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: 0.30  
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: 0.30  
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: 0.30  
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: 0.30  
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: 0.30  
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: 0.30  
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: 0.30  
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: 0.30  
GEP: BH: 16.76 PBW: 92.56 \*Equation 1 Ht: 41.91  
No combined tiers affect this stack for this direction.



Drctn: 250.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 0.30  
GEP: BH: 16.76 PBW: 92.56 \*Equation 1 Ht: 41.91  
No combined tiers affect this stack for this direction.

Drctn: 260.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 0.30  
GEP: BH: 16.76 PBW: 92.56 \*Equation 1 Ht: 41.91  
No combined tiers affect this stack for this direction.

Drctn: 270.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 0.30  
GEP: BH: 16.76 PBW: 92.56 \*Equation 1 Ht: 41.91  
No combined tiers affect this stack for this direction.

Drctn: 280.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 0.30  
GEP: BH: 16.76 PBW: 92.56 \*Equation 1 Ht: 41.91  
No combined tiers affect this stack for this direction.

Drctn: 290.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 0.30  
GEP: BH: 16.76 PBW: 92.56 \*Equation 1 Ht: 41.91  
No combined tiers affect this stack for this direction.

Drctn: 300.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 0.30  
GEP: BH: 16.76 PBW: 92.56 \*Equation 1 Ht: 41.91  
No combined tiers affect this stack for this direction.

Drctn: 310.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 0.30  
GEP: BH: 16.76 PBW: 92.56 \*Equation 1 Ht: 41.91  
No combined tiers affect this stack for this direction.

Drctn: 320.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 0.30  
GEP: BH: 16.76 PBW: 92.56 \*Equation 1 Ht: 41.91  
No combined tiers affect this stack for this direction.

Drctn: 330.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 0.30  
GEP: BH: 16.76 PBW: 92.56 \*Equation 1 Ht: 41.91  
No combined tiers affect this stack for this direction.

Drctn: 340.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 0.30  
GEP: BH: 16.76 PBW: 92.56 \*Equation 1 Ht: 41.91  
No combined tiers affect this stack for this direction.

Drctn: 350.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 0.30  
GEP: BH: 16.76 PBW: 92.56 \*Equation 1 Ht: 41.91  
No combined tiers affect this stack for this direction.

Drctn: 360.00

StkNo: 1 Stk Name:SRC1 Stack Ht: 0.30  
GEP: BH: 16.76 PBW: 92.56 \*Equation 1 Ht: 41.91  
No combined tiers affect this stack for this direction.



Dichloroethylene Fugitive BPIP Wake File Report

** HEADER		1	36						
SO LOCATION	SRC1	POINT	-1237.500	-551.600	0.30				
SO BUILDHGT	SRC1		16.76	0.00	0.00	0.00	16.76	16.76	
SO BUILDHGT	SRC1		16.76	16.76	16.76	16.76	16.76	16.76	
SO BUILDHGT	SRC1		16.76	16.76	16.76	16.76	16.76	16.76	
SO BUILDHGT	SRC1		16.76	0.00	0.00	0.00	16.76	16.76	
SO BUILDHGT	SRC1		16.76	16.76	16.76	16.76	16.76	16.76	
SO BUILDHGT	SRC1		16.76	16.76	16.76	16.76	16.76	16.76	
SO BUILDWID	SRC1		90.73	0.00	0.00	0.00	154.89	146.68	
SO BUILDWID	SRC1		134.09	122.09	108.30	96.86	92.72	106.40	
SO BUILDWID	SRC1		122.79	137.54	157.69	145.48	128.85	108.30	
SO BUILDWID	SRC1		90.73	0.00	0.00	0.00	154.89	146.68	
SO BUILDWID	SRC1		134.09	122.09	108.30	96.86	92.72	106.40	
SO BUILDWID	SRC1		122.79	137.54	157.69	145.48	128.85	108.30	
SO BUILDLLEN	SRC1		167.48	0.00	0.00	0.00	137.54	148.24	
SO BUILDLLEN	SRC1		157.18	166.52	170.80	169.89	163.82	164.37	
SO BUILDLLEN	SRC1		162.09	154.89	150.02	161.94	168.93	170.80	
SO BUILDLLEN	SRC1		167.48	0.00	0.00	0.00	137.54	148.24	
SO BUILDLLEN	SRC1		157.18	166.52	170.80	169.89	163.82	164.37	
SO BUILDLLEN	SRC1		162.09	154.89	150.02	161.94	168.93	170.80	
SO XBADJ	SRC1		-9.40	0.00	0.00	0.00	6.65	18.19	
SO XBADJ	SRC1		26.44	28.71	30.10	30.58	30.13	24.16	
SO XBADJ	SRC1		15.77	6.91	-161.92	-168.65	-170.26	-166.70	
SO XBADJ	SRC1		-158.07	0.00	0.00	0.00	-144.19	-166.43	
SO XBADJ	SRC1		-183.62	-195.23	-200.90	-200.47	-193.95	-188.52	
SO XBADJ	SRC1		-177.86	-161.80	11.90	6.72	1.33	-4.10	
SO YBADJ	SRC1		44.24	0.00	0.00	0.00	-84.36	-71.18	
SO YBADJ	SRC1		-55.88	-36.55	-15.15	3.89	18.23	36.51	
SO YBADJ	SRC1		56.30	75.42	11.86	-3.57	-18.90	-33.65	
SO YBADJ	SRC1		-44.24	0.00	0.00	0.00	84.36	71.18	
SO YBADJ	SRC1		55.88	36.55	15.15	-3.89	-18.23	-36.51	
SO YBADJ	SRC1		-56.30	-75.42	-11.86	3.58	18.90	33.65	