

TITLE: Mountaire Pit 1 BIN

***** STACK PARAMETERS *****

SOURCE EMISSION RATE:	0.143E-03 g/s	0.114E-02 lb/hr
STACK HEIGHT:	2.74 meters	9.00 feet
STACK INNER DIAMETER:	0.631 meters	24.84 inches
PLUME EXIT TEMPERATURE:	Ambient	
PLUME EXIT VELOCITY:	21.888 m/s	71.81 ft/s
STACK AIR FLOW RATE:	14500 ACFM	
RURAL OR URBAN:	URBAN	
POPULATION:	4293	
FLAGPOLE RECEPTOR HEIGHT:	0.00 meters	0.00 feet
INITIAL PROBE DISTANCE =	5000. meters	16404. feet

***** BUILDING DOWNWASH PARAMETERS *****

BUILDING HEIGHT:	18.3 meters	60.0 feet
MAX BUILDING DIMENSION:	36.6 meters	120.0 feet
MIN BUILDING DIMENSION:	11.0 meters	36.0 feet
BUILDING ORIENTATION TO NORTH:	45. degrees	
STACK DIRECTION FROM CENTER:	135. degrees	
STACK DISTANCE FROM CENTER:	22.9 meters	75.0 feet

***** FLOW SECTOR ANALYSIS *****

25 meter receptor spacing: 1. meters - 5000. meters

FLOW SECTOR	BUILD WIDTH	BUILD LENGTH	XBADJ	YBADJ	MAX 1-HR CONC	DIST (m)	TEMPORAL PERIOD
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MtPit1BIN (2).out

10*	29.97	36.26	-5.02	18.73	3.925	25.0	AUT
20	25.41	37.80	-9.24	20.72	3.925	25.0	AUT
30	0.00	0.00	0.00	0.00	3.925	25.0	AUT
40	0.00	0.00	0.00	0.00	3.925	25.0	AUT
50	0.00	0.00	0.00	0.00	3.925	25.0	AUT
60	0.00	0.00	0.00	0.00	3.925	25.0	AUT
70	25.41	37.80	-28.56	20.72	3.925	25.0	AUT
80	29.97	36.26	-31.24	18.73	3.925	25.0	AUT
90	33.63	33.63	-32.98	16.16	3.925	25.0	AUT
100	36.26	29.97	-33.71	13.11	3.925	25.0	AUT
110	37.80	25.41	-33.42	9.66	3.925	25.0	AUT
120	38.18	20.07	-32.12	5.92	3.925	25.0	AUT
130	37.40	14.12	-29.83	1.99	3.925	25.0	AUT
140	37.40	14.12	-29.83	-1.99	3.925	25.0	AUT
150	38.18	20.07	-32.12	-5.92	3.925	25.0	AUT
160	37.80	25.41	-33.42	-9.66	3.925	25.0	AUT
170	36.26	29.97	-33.71	-13.11	3.925	25.0	AUT
180	33.63	33.63	-32.98	-16.17	3.925	25.0	AUT
190	29.97	36.26	-31.24	-18.73	3.925	25.0	AUT
200	25.41	37.80	-28.56	-20.72	3.925	25.0	AUT
210	0.00	0.00	0.00	0.00	3.925	25.0	AUT
220	0.00	0.00	0.00	0.00	3.925	25.0	AUT
230	0.00	0.00	0.00	0.00	3.925	25.0	AUT
240	0.00	0.00	0.00	0.00	3.925	25.0	AUT
250	25.41	37.80	-9.24	-20.72	3.925	25.0	AUT
260	29.97	36.26	-5.02	-18.73	3.925	25.0	AUT
270	33.63	33.63	-0.65	-16.16	3.925	25.0	AUT
280	36.26	29.97	3.74	-13.11	3.925	25.0	AUT
290	37.80	25.41	8.01	-9.66	3.925	25.0	AUT
300	38.18	20.07	12.05	-5.92	3.925	25.0	AUT
310	37.40	14.12	15.71	-1.99	3.925	25.0	AUT
320	37.40	14.12	15.71	1.99	3.925	25.0	AUT
330	38.18	20.07	12.05	5.92	3.925	25.0	AUT
340	37.80	25.41	8.01	9.66	3.925	25.0	AUT
350	36.26	29.97	3.74	13.11	3.925	25.0	AUT
360	33.63	33.63	-0.65	16.17	3.925	25.0	AUT

* = worst case flow sector

***** MAKEMET METEOROLOGY PARAMETERS *****

MIN/MAX TEMPERATURE: 249.8 / 310.9 (K)

MINIMUM WIND SPEED: 0.5 m/s

MtPit1BIN (2).out

ANEMOMETER HEIGHT: 10.000 meters

SURFACE CHARACTERISTICS INPUT: AERMET SEASONAL TABLES

DOMINANT SURFACE PROFILE: Grassland
DOMINANT CLIMATE TYPE: Wet Conditions
DOMINANT SEASON: Autumn

ALBEDO: 0.20
BOWEN RATIO: 0.50
ROUGHNESS LENGTH: 0.010 (meters)

SURFACE FRICTION VELOCITY (U*) NOT ADJUSTED

METEOROLOGY CONDITIONS USED TO PREDICT OVERALL MAXIMUM IMPACT

YR MO DY JDY HR

10 01 04 4 01

H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS
-0.21	0.014	-9.000	0.020	-999.	4.	1.1	0.010	0.50	0.20	0.50

HT	REF TA	HT
10.0	249.8	2.0

WIND SPEED AT STACK HEIGHT (non-downwash): 0.5 m/s
STACK-TIP DOWNWASH ADJUSTED STACK HEIGHT: 2.7 meters
ESTIMATED FINAL PLUME RISE (non-downwash): 0.0 meters
ESTIMATED FINAL PLUME HEIGHT (non-downwash): 2.7 meters

METEOROLOGY CONDITIONS USED TO PREDICT AMBIENT BOUNDARY IMPACT

YR MO DY JDY HR

10 12 14 4 12

H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS
79.84	0.201	1.800	0.020	2242.	207.	-7.8	0.001	0.50	0.60	4.00

HT	REF TA	HT
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10.0 249.8 2.0

WIND SPEED AT STACK HEIGHT (non-downwash): 3.7 m/s
 STACK-TIP DOWNWASH ADJUSTED STACK HEIGHT: 2.7 meters
 ESTIMATED FINAL PLUME RISE (non-downwash): 11.3 meters
 ESTIMATED FINAL PLUME HEIGHT (non-downwash): 14.1 meters

***** AERSCREEN AUTOMATED DISTANCES *****
 OVERALL MAXIMUM CONCENTRATIONS BY DISTANCE

DIST (m)	MAXIMUM 1-HR CONC (ug/m3)	DIST (m)	MAXIMUM 1-HR CONC (ug/m3)
1.00	0.8706E-01	2525.00	0.1295E-01
25.00	3.925	2550.00	0.1277E-01
50.00	2.257	2575.00	0.1260E-01
75.00	1.476	2600.00	0.1243E-01
100.00	1.044	2625.00	0.1226E-01
125.00	0.7861	2650.00	0.1210E-01
150.00	0.6199	2675.00	0.1194E-01
175.00	0.5055	2700.00	0.1179E-01
200.00	0.4230	2725.00	0.1163E-01
225.00	0.3611	2750.00	0.1149E-01
250.00	0.3132	2775.00	0.1134E-01
275.00	0.2753	2800.00	0.1120E-01
300.00	0.2446	2825.00	0.1106E-01
325.00	0.2194	2850.00	0.1092E-01
350.00	0.1983	2875.00	0.1079E-01
375.00	0.1805	2900.00	0.1066E-01
400.00	0.1653	2925.00	0.1053E-01
425.00	0.1521	2950.00	0.1040E-01
450.00	0.1407	2975.00	0.1028E-01
475.00	0.1307	3000.00	0.1016E-01
500.00	0.1218	3025.00	0.1004E-01
525.00	0.1139	3050.00	0.9926E-02
550.00	0.1069	3075.00	0.9813E-02
575.00	0.1005	3100.00	0.9701E-02
600.00	0.9484E-01	3125.00	0.9592E-02
625.00	0.8967E-01	3150.00	0.9484E-02
650.00	0.8496E-01	3175.00	0.9379E-02
675.00	0.8067E-01	3200.00	0.9276E-02

MtPit1BIN (2).out

700.00	0.7673E-01	3225.00	0.9174E-02
725.00	0.7311E-01	3250.00	0.9075E-02
750.00	0.6978E-01	3275.00	0.8977E-02
775.00	0.6670E-01	3300.00	0.8881E-02
800.00	0.6385E-01	3325.00	0.8787E-02
825.00	0.6120E-01	3350.00	0.8694E-02
850.00	0.5873E-01	3375.00	0.8603E-02
875.00	0.5643E-01	3400.00	0.8513E-02
900.00	0.5428E-01	3425.00	0.8426E-02
925.00	0.5227E-01	3450.00	0.8339E-02
950.00	0.5038E-01	3475.00	0.8254E-02
975.00	0.4860E-01	3500.00	0.8171E-02
1000.00	0.4693E-01	3525.00	0.8089E-02
1025.00	0.4536E-01	3550.00	0.8008E-02
1050.00	0.4387E-01	3575.00	0.7929E-02
1075.00	0.4247E-01	3600.00	0.7851E-02
1100.00	0.4114E-01	3625.00	0.7774E-02
1125.00	0.3988E-01	3650.00	0.7699E-02
1150.00	0.3869E-01	3675.00	0.7624E-02
1175.00	0.3756E-01	3700.00	0.7551E-02
1200.00	0.3648E-01	3725.00	0.7480E-02
1225.00	0.3545E-01	3750.00	0.7409E-02
1250.00	0.3447E-01	3775.00	0.7339E-02
1275.00	0.3354E-01	3800.00	0.7271E-02
1300.00	0.3265E-01	3825.00	0.7203E-02
1325.00	0.3180E-01	3850.00	0.7137E-02
1350.00	0.3099E-01	3875.00	0.7071E-02
1375.00	0.3021E-01	3900.00	0.7007E-02
1400.00	0.2946E-01	3925.00	0.6943E-02
1425.00	0.2875E-01	3950.00	0.6881E-02
1450.00	0.2806E-01	3975.00	0.6819E-02
1475.00	0.2740E-01	4000.00	0.6759E-02
1500.00	0.2677E-01	4025.00	0.6699E-02
1525.00	0.2616E-01	4050.00	0.6640E-02
1550.00	0.2558E-01	4075.00	0.6582E-02
1575.00	0.2502E-01	4100.00	0.6525E-02
1600.00	0.2448E-01	4125.00	0.6469E-02
1625.00	0.2396E-01	4150.00	0.6413E-02
1650.00	0.2345E-01	4175.00	0.6358E-02
1675.00	0.2297E-01	4200.00	0.6304E-02
1700.00	0.2250E-01	4225.00	0.6251E-02
1725.00	0.2205E-01	4250.00	0.6199E-02
1750.00	0.2161E-01	4275.00	0.6147E-02
1775.00	0.2119E-01	4300.00	0.6096E-02
1800.00	0.2078E-01	4325.00	0.6046E-02
1825.00	0.2038E-01	4350.00	0.5996E-02
1850.00	0.2000E-01	4375.00	0.5947E-02
1875.00	0.1963E-01	4400.00	0.5899E-02

MtPit1BIN (2).out

1900.00	0.1927E-01	4425.00	0.5851E-02
1925.00	0.1892E-01	4450.00	0.5804E-02
1950.00	0.1859E-01	4475.00	0.5758E-02
1975.00	0.1826E-01	4500.00	0.5712E-02
2000.00	0.1794E-01	4525.00	0.5667E-02
2025.00	0.1763E-01	4550.00	0.5623E-02
2050.00	0.1733E-01	4575.00	0.5579E-02
2075.00	0.1704E-01	4600.00	0.5535E-02
2100.00	0.1676E-01	4625.00	0.5492E-02
2125.00	0.1649E-01	4650.00	0.5450E-02
2150.00	0.1622E-01	4675.00	0.5408E-02
2175.00	0.1596E-01	4700.00	0.5367E-02
2200.00	0.1570E-01	4725.00	0.5326E-02
2225.00	0.1546E-01	4750.00	0.5286E-02
2250.00	0.1522E-01	4775.00	0.5246E-02
2275.00	0.1499E-01	4800.00	0.5207E-02
2300.00	0.1476E-01	4825.00	0.5169E-02
2325.00	0.1454E-01	4850.00	0.5130E-02
2350.00	0.1432E-01	4875.00	0.5093E-02
2375.00	0.1411E-01	4900.00	0.5055E-02
2400.00	0.1390E-01	4925.00	0.5018E-02
2425.00	0.1370E-01	4950.00	0.4982E-02
2450.00	0.1351E-01	4975.00	0.4946E-02
2475.00	0.1332E-01	5000.00	0.4910E-02
2500.00	0.1313E-01		

***** AERSCREEN MAXIMUM IMPACT SUMMARY *****

CALCULATION PROCEDURE	MAXIMUM 1-HOUR CONC (ug/m3)	SCALED 3-HOUR CONC (ug/m3)	SCALED 8-HOUR CONC (ug/m3)	SCALED 24-HOUR CONC (ug/m3)	SCALED ANNUAL CONC (ug/m3)
FLAT TERRAIN	4.486	4.486	4.037	2.692	0.4486

DISTANCE FROM SOURCE 17.00 meters directed toward 10 degrees

IMPACT AT THE
AMBIENT BOUNDARY 0.8706E-01 0.8706E-01 0.7835E-01 0.5224E-01 0.8706E-02

DISTANCE FROM SOURCE 1.00 meters directed toward 130 degrees

TITLE: Mountaire Pit 1 SHED

***** STACK PARAMETERS *****

SOURCE EMISSION RATE:	0.143E-03 g/s	0.114E-02 lb/hr
STACK HEIGHT:	2.74 meters	9.00 feet
STACK INNER DIAMETER:	0.631 meters	24.84 inches
PLUME EXIT TEMPERATURE:	Ambient	
PLUME EXIT VELOCITY:	21.888 m/s	71.81 ft/s
STACK AIR FLOW RATE:	14500 ACFM	
RURAL OR URBAN:	URBAN	
POPULATION:	4293	
FLAGPOLE RECEPTOR HEIGHT:	0.00 meters	0.00 feet
INITIAL PROBE DISTANCE =	5000. meters	16404. feet

***** BUILDING DOWNWASH PARAMETERS *****

BUILDING HEIGHT:	6.1 meters	20.0 feet
MAX BUILDING DIMENSION:	4.3 meters	14.0 feet
MIN BUILDING DIMENSION:	4.3 meters	14.0 feet
BUILDING ORIENTATION TO NORTH:	0. degrees	
STACK DIRECTION FROM CENTER:	0. degrees	
STACK DISTANCE FROM CENTER:	3.7 meters	12.0 feet

***** FLOW SECTOR ANALYSIS *****
25 meter receptor spacing: 1. meters - 5000. meters

FLOW SECTOR	BUILD WIDTH	BUILD LENGTH	XBADJ	YBADJ	MAX 1-HR CONC	DIST (m)	TEMPORAL PERIOD
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MtPit1SHED (1).out

10*	4.94	4.94	-6.07	-0.63	3.925	25.0	AUT
20	5.46	5.47	-6.17	-1.25	3.925	25.0	AUT
30	5.82	5.83	-6.08	-1.83	3.925	25.0	AUT
40	6.01	6.01	-5.80	-2.35	3.925	25.0	AUT
50	6.01	6.01	-5.35	-2.80	3.925	25.0	AUT
60	5.83	5.82	-4.74	-3.17	3.925	25.0	AUT
70	5.47	5.46	-3.98	-3.43	3.925	25.0	AUT
80	4.94	4.94	-3.10	-3.60	3.925	25.0	AUT
90	4.27	4.26	-2.13	-3.66	3.925	25.0	AUT
100	4.94	4.94	-1.83	-3.60	3.925	25.0	AUT
110	5.47	5.46	-1.48	-3.43	3.925	25.0	AUT
120	5.83	5.82	-1.08	-3.17	3.925	25.0	AUT
130	6.01	6.01	-0.65	-2.80	3.925	25.0	AUT
140	6.01	6.01	-0.20	-2.35	3.925	25.0	AUT
150	5.82	5.83	0.25	-1.83	3.925	25.0	AUT
160	5.46	5.47	0.70	-1.25	3.925	25.0	AUT
170	4.94	4.94	1.13	-0.63	3.925	25.0	AUT
180	4.26	4.27	1.52	0.00	3.925	25.0	AUT
190	4.94	4.94	1.13	0.63	3.925	25.0	AUT
200	5.46	5.47	0.70	1.25	3.925	25.0	AUT
210	5.82	5.83	0.25	1.83	3.925	25.0	AUT
220	6.01	6.01	-0.20	2.35	3.925	25.0	AUT
230	6.01	6.01	-0.65	2.80	3.925	25.0	AUT
240	5.83	5.82	-1.08	3.17	3.925	25.0	AUT
250	5.47	5.46	-1.48	3.43	3.925	25.0	AUT
260	4.94	4.94	-1.83	3.60	3.925	25.0	AUT
270	4.27	4.26	-2.13	3.65	3.925	25.0	AUT
280	4.94	4.94	-3.10	3.60	3.925	25.0	AUT
290	5.47	5.46	-3.98	3.43	3.925	25.0	AUT
300	5.83	5.82	-4.74	3.17	3.925	25.0	AUT
310	6.01	6.01	-5.35	2.80	3.925	25.0	AUT
320	6.01	6.01	-5.80	2.35	3.925	25.0	AUT
330	5.82	5.83	-6.08	1.83	3.925	25.0	AUT
340	5.46	5.47	-6.17	1.25	3.925	25.0	AUT
350	4.94	4.94	-6.07	0.63	3.925	25.0	AUT
360	4.26	4.27	-5.79	0.00	3.925	25.0	AUT

* = worst case flow sector

***** MAKEMET METEOROLOGY PARAMETERS *****

MIN/MAX TEMPERATURE: 249.8 / 310.9 (K)

MINIMUM WIND SPEED: 0.5 m/s

MtPit1SHED (1).out

ANEMOMETER HEIGHT: 10.000 meters

SURFACE CHARACTERISTICS INPUT: AERMET SEASONAL TABLES

DOMINANT SURFACE PROFILE: Grassland
DOMINANT CLIMATE TYPE: Wet Conditions
DOMINANT SEASON: Autumn

ALBEDO: 0.20
BOWEN RATIO: 0.50
ROUGHNESS LENGTH: 0.010 (meters)

SURFACE FRICTION VELOCITY (U*) NOT ADJUSTED

METEOROLOGY CONDITIONS USED TO PREDICT OVERALL MAXIMUM IMPACT

YR MO DY JDY HR

10 01 04 4 01

H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN	ALBEDO	REF	WS
-0.21	0.014	-9.000	0.020	-999.	4.	1.1	0.010	0.50	0.20	0.50		

HT REF TA HT

10.0 249.8 2.0

WIND SPEED AT STACK HEIGHT (non-downwash): 0.5 m/s
STACK-TIP DOWNWASH ADJUSTED STACK HEIGHT: 2.7 meters
ESTIMATED FINAL PLUME RISE (non-downwash): 0.0 meters
ESTIMATED FINAL PLUME HEIGHT (non-downwash): 2.7 meters

METEOROLOGY CONDITIONS USED TO PREDICT AMBIENT BOUNDARY IMPACT

YR MO DY JDY HR

10 06 21 4 01

H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN	ALBEDO	REF	WS
-64.00	1.355	-9.000	0.020	-999.	3626.	2980.2	0.050	0.30	0.18	18.00		

HT REF TA HT

10.0 249.8 2.0

WIND SPEED AT STACK HEIGHT (non-downwash): 13.6 m/s
 STACK-TIP DOWNWASH ADJUSTED STACK HEIGHT: 2.7 meters
 ESTIMATED FINAL PLUME RISE (non-downwash): 0.0 meters
 ESTIMATED FINAL PLUME HEIGHT (non-downwash): 2.7 meters

***** AERSCREEN AUTOMATED DISTANCES *****
 OVERALL MAXIMUM CONCENTRATIONS BY DISTANCE

DIST (m)	MAXIMUM 1-HR CONC (ug/m3)	DIST (m)	MAXIMUM 1-HR CONC (ug/m3)
1.00	0.6189	2525.00	0.1295E-01
25.00	3.925	2550.00	0.1277E-01
50.00	2.257	2575.00	0.1260E-01
75.00	1.476	2600.00	0.1243E-01
100.00	1.044	2625.00	0.1226E-01
125.00	0.7861	2650.00	0.1210E-01
150.00	0.6199	2675.00	0.1194E-01
175.00	0.5055	2700.00	0.1179E-01
200.00	0.4230	2725.00	0.1163E-01
225.00	0.3611	2750.00	0.1149E-01
250.00	0.3132	2775.00	0.1134E-01
275.00	0.2753	2800.00	0.1120E-01
300.00	0.2446	2825.00	0.1106E-01
325.00	0.2194	2850.00	0.1092E-01
350.00	0.1983	2875.00	0.1079E-01
375.00	0.1805	2900.00	0.1066E-01
400.00	0.1653	2925.00	0.1053E-01
425.00	0.1521	2950.00	0.1040E-01
450.00	0.1407	2975.00	0.1028E-01
475.00	0.1307	3000.00	0.1016E-01
500.00	0.1218	3025.00	0.1004E-01
525.00	0.1139	3050.00	0.9926E-02
550.00	0.1069	3075.00	0.9813E-02
575.00	0.1005	3100.00	0.9701E-02
600.00	0.9484E-01	3125.00	0.9592E-02
625.00	0.8967E-01	3150.00	0.9484E-02
650.00	0.8496E-01	3175.00	0.9379E-02
675.00	0.8067E-01	3200.00	0.9276E-02

MtPit1SHED (1).out

700.00	0.7673E-01	3225.00	0.9174E-02
725.00	0.7311E-01	3250.00	0.9075E-02
750.00	0.6978E-01	3275.00	0.8977E-02
775.00	0.6670E-01	3300.00	0.8881E-02
800.00	0.6385E-01	3325.00	0.8787E-02
825.00	0.6120E-01	3350.00	0.8694E-02
850.00	0.5873E-01	3375.00	0.8603E-02
875.00	0.5643E-01	3400.00	0.8513E-02
900.00	0.5428E-01	3425.00	0.8426E-02
925.00	0.5227E-01	3450.00	0.8339E-02
950.00	0.5038E-01	3475.00	0.8254E-02
975.00	0.4860E-01	3500.00	0.8171E-02
1000.00	0.4693E-01	3525.00	0.8089E-02
1025.00	0.4536E-01	3550.00	0.8008E-02
1050.00	0.4387E-01	3575.00	0.7929E-02
1075.00	0.4247E-01	3600.00	0.7851E-02
1100.00	0.4114E-01	3625.00	0.7774E-02
1125.00	0.3988E-01	3650.00	0.7699E-02
1150.00	0.3869E-01	3675.00	0.7624E-02
1175.00	0.3756E-01	3700.00	0.7551E-02
1200.00	0.3648E-01	3725.00	0.7480E-02
1225.00	0.3545E-01	3750.00	0.7409E-02
1250.00	0.3447E-01	3775.00	0.7339E-02
1275.00	0.3354E-01	3800.00	0.7271E-02
1300.00	0.3265E-01	3825.00	0.7203E-02
1325.00	0.3180E-01	3850.00	0.7137E-02
1350.00	0.3099E-01	3875.00	0.7071E-02
1375.00	0.3021E-01	3900.00	0.7007E-02
1400.00	0.2946E-01	3925.00	0.6943E-02
1425.00	0.2875E-01	3950.00	0.6881E-02
1450.00	0.2806E-01	3975.00	0.6819E-02
1475.00	0.2740E-01	4000.00	0.6759E-02
1500.00	0.2677E-01	4025.00	0.6699E-02
1525.00	0.2616E-01	4050.00	0.6640E-02
1550.00	0.2558E-01	4075.00	0.6582E-02
1575.00	0.2502E-01	4100.00	0.6525E-02
1600.00	0.2448E-01	4125.00	0.6469E-02
1625.00	0.2396E-01	4150.00	0.6413E-02
1650.00	0.2345E-01	4175.00	0.6358E-02
1675.00	0.2297E-01	4200.00	0.6304E-02
1700.00	0.2250E-01	4225.00	0.6251E-02
1725.00	0.2205E-01	4250.00	0.6199E-02
1750.00	0.2161E-01	4275.00	0.6147E-02
1775.00	0.2119E-01	4300.00	0.6096E-02
1800.00	0.2078E-01	4325.00	0.6046E-02
1825.00	0.2038E-01	4350.00	0.5996E-02
1850.00	0.2000E-01	4375.00	0.5947E-02
1875.00	0.1963E-01	4400.00	0.5899E-02

MtPit1SHED (1).out

1900.00	0.1927E-01	4425.00	0.5851E-02
1925.00	0.1892E-01	4450.00	0.5804E-02
1950.00	0.1859E-01	4475.00	0.5758E-02
1975.00	0.1826E-01	4500.00	0.5712E-02
2000.00	0.1794E-01	4525.00	0.5667E-02
2025.00	0.1763E-01	4550.00	0.5623E-02
2050.00	0.1733E-01	4575.00	0.5579E-02
2075.00	0.1704E-01	4600.00	0.5535E-02
2100.00	0.1676E-01	4625.00	0.5492E-02
2125.00	0.1649E-01	4650.00	0.5450E-02
2150.00	0.1622E-01	4675.00	0.5408E-02
2175.00	0.1596E-01	4700.00	0.5367E-02
2200.00	0.1570E-01	4725.00	0.5326E-02
2225.00	0.1546E-01	4750.00	0.5286E-02
2250.00	0.1522E-01	4775.00	0.5246E-02
2275.00	0.1499E-01	4800.00	0.5207E-02
2300.00	0.1476E-01	4825.00	0.5169E-02
2325.00	0.1454E-01	4850.00	0.5130E-02
2350.00	0.1432E-01	4875.00	0.5093E-02
2375.00	0.1411E-01	4900.00	0.5055E-02
2400.00	0.1390E-01	4925.00	0.5018E-02
2425.00	0.1370E-01	4950.00	0.4982E-02
2450.00	0.1351E-01	4975.00	0.4946E-02
2475.00	0.1332E-01	5000.00	0.4910E-02
2500.00	0.1313E-01		

***** AERSCREEN MAXIMUM IMPACT SUMMARY *****

CALCULATION PROCEDURE	MAXIMUM 1-HOUR CONC (ug/m3)	SCALED 3-HOUR CONC (ug/m3)	SCALED 8-HOUR CONC (ug/m3)	SCALED 24-HOUR CONC (ug/m3)	SCALED ANNUAL CONC (ug/m3)
FLAT TERRAIN	4.486	4.486	4.037	2.692	0.4486

DISTANCE FROM SOURCE 17.00 meters directed toward 10 degrees

IMPACT AT THE
AMBIENT BOUNDARY 0.6189 0.6189 0.5570 0.3713 0.6189E-01

DISTANCE FROM SOURCE 1.00 meters directed toward 360 degrees

TITLE: Mountaire Pit 3 BIN

***** STACK PARAMETERS *****

SOURCE EMISSION RATE:	0.143E-03 g/s	0.114E-02 lb/hr
STACK HEIGHT:	2.74 meters	9.00 feet
STACK INNER DIAMETER:	0.631 meters	24.84 inches
PLUME EXIT TEMPERATURE:	Ambient	
PLUME EXIT VELOCITY:	21.888 m/s	71.81 ft/s
STACK AIR FLOW RATE:	14500 ACFM	
RURAL OR URBAN:	URBAN	
POPULATION:	4293	
FLAGPOLE RECEPTOR HEIGHT:	0.00 meters	0.00 feet
INITIAL PROBE DISTANCE =	5000. meters	16404. feet

***** BUILDING DOWNWASH PARAMETERS *****

BUILDING HEIGHT:	30.5 meters	100.0 feet
MAX BUILDING DIMENSION:	51.8 meters	170.0 feet
MIN BUILDING DIMENSION:	51.8 meters	170.0 feet
BUILDING ORIENTATION TO NORTH:	0. degrees	
STACK DIRECTION FROM CENTER:	180. degrees	
STACK DISTANCE FROM CENTER:	30.5 meters	100.0 feet

***** FLOW SECTOR ANALYSIS *****

25 meter receptor spacing: 1. meters - 5000. meters

FLOW SECTOR	BUILD WIDTH	BUILD LENGTH	XBADJ	YBADJ	MAX 1-HR CONC	DIST (m)	TEMPORAL PERIOD
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MtPit3BIN (1).out

10	60.03	60.03	0.00	5.29	0.1129	75.0	AUT
20	66.42	66.42	-4.57	10.42	0.1104	125.0	AUT
30	70.79	70.79	-9.00	15.24	0.1071	125.0	AUT
40	73.01	73.01	-13.15	19.59	0.9934E-01	125.0	AUT
50	73.01	73.01	-16.91	23.35	0.8785E-01	125.0	AUT
60	70.79	70.79	-20.15	26.40	0.1027	100.0	AUT
70	66.42	66.42	-22.78	28.64	0.9088E-01	100.0	AUT
80	60.03	60.03	-24.72	30.02	0.1004	75.0	SUM
90	51.82	51.82	-25.91	30.48	0.7647	25.0	SPR
100	60.03	60.03	-35.31	30.02	0.7101E-01	75.0	WIN
110	66.42	66.42	-43.63	28.64	0.6295E-01	75.0	WIN
120	70.79	70.79	-50.63	26.40	0.5577E-01	75.0	WIN
130	73.01	73.01	-56.10	23.35	0.4683E-01	75.0	WIN
140	73.01	73.01	-59.85	19.59	0.4210	25.0	SUM
150	70.79	70.79	-61.79	15.24	0.7647	25.0	SPR
160	66.42	66.42	-61.85	10.42	2.793	25.0	SPR
170	60.03	60.03	-60.03	5.29	3.447	25.0	SPR
180*	51.82	51.82	-56.39	0.00	3.925	25.0	AUT
190	60.03	60.03	-60.03	-5.29	3.447	25.0	SPR
200	66.42	66.42	-61.85	-10.42	2.793	25.0	SPR
210	70.79	70.79	-61.79	-15.24	0.7647	25.0	SPR
220	73.01	73.01	-59.85	-19.59	0.4210	25.0	SUM
230	73.01	73.01	-56.09	-23.35	0.4685E-01	75.0	WIN
240	70.79	70.79	-50.63	-26.40	0.5577E-01	75.0	WIN
250	66.42	66.42	-43.63	-28.64	0.6295E-01	75.0	WIN
260	60.03	60.03	-35.31	-30.02	0.7101E-01	75.0	WIN
270	51.82	51.82	-25.91	-30.48	0.7647	25.0	SPR
280	60.03	60.03	-24.72	-30.02	0.1004	75.0	SUM
290	66.42	66.42	-22.78	-28.64	0.9088E-01	100.0	AUT
300	70.79	70.79	-20.15	-26.40	0.1027	100.0	AUT
310	73.01	73.01	-16.91	-23.35	0.8785E-01	125.0	AUT
320	73.01	73.01	-13.15	-19.59	0.9934E-01	125.0	AUT
330	70.79	70.79	-9.00	-15.24	0.1071	125.0	AUT
340	66.42	66.42	-4.57	-10.42	0.1104	125.0	AUT
350	60.03	60.03	0.00	-5.29	0.1129	75.0	AUT
360	51.82	51.82	4.57	0.00	0.1191	75.0	AUT

* = worst case flow sector

***** MAKEMET METEOROLOGY PARAMETERS *****

MIN/MAX TEMPERATURE: 249.8 / 310.9 (K)

MINIMUM WIND SPEED: 0.5 m/s

MtPit3BIN (1).out

ANEMOMETER HEIGHT: 10.000 meters

SURFACE CHARACTERISTICS INPUT: AERMET SEASONAL TABLES

DOMINANT SURFACE PROFILE: Grassland
DOMINANT CLIMATE TYPE: Wet Conditions
DOMINANT SEASON: Autumn

ALBEDO: 0.20
BOWEN RATIO: 0.50
ROUGHNESS LENGTH: 0.010 (meters)

SURFACE FRICTION VELOCITY (U*) NOT ADJUSTED

METEOROLOGY CONDITIONS USED TO PREDICT OVERALL MAXIMUM IMPACT

YR MO DY JDY HR

10 01 04 4 01

H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN	ALBEDO	REF WS
-0.21	0.014	-9.000	0.020	-999.	4.	1.1	0.010	0.50	0.20	0.50	

HT	REF TA	HT
10.0	249.8	2.0

WIND SPEED AT STACK HEIGHT (non-downwash): 0.5 m/s
STACK-TIP DOWNWASH ADJUSTED STACK HEIGHT: 2.7 meters
ESTIMATED FINAL PLUME RISE (non-downwash): 0.0 meters
ESTIMATED FINAL PLUME HEIGHT (non-downwash): 2.7 meters

METEOROLOGY CONDITIONS USED TO PREDICT AMBIENT BOUNDARY IMPACT

YR MO DY JDY HR

10 10 20 4 12

H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN	ALBEDO	REF WS
34.75	0.149	1.200	0.020	1900.	132.	-9.1	0.001	0.50	0.60	3.00	

HT	REF TA	HT
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10.0 310.9 2.0

WIND SPEED AT STACK HEIGHT (non-downwash): 2.7 m/s
 STACK-TIP DOWNWASH ADJUSTED STACK HEIGHT: 2.7 meters
 ESTIMATED FINAL PLUME RISE (non-downwash): 15.2 meters
 ESTIMATED FINAL PLUME HEIGHT (non-downwash): 17.9 meters

 ***** AERSCREEN AUTOMATED DISTANCES *****
 OVERALL MAXIMUM CONCENTRATIONS BY DISTANCE

DIST (m)	MAXIMUM 1-HR CONC (ug/m3)	DIST (m)	MAXIMUM 1-HR CONC (ug/m3)
1.00	0.5247E-01	2525.00	0.1295E-01
25.00	3.925	2550.00	0.1278E-01
50.00	1.940	2575.00	0.1260E-01
75.00	1.154	2600.00	0.1243E-01
100.00	0.7851	2625.00	0.1227E-01
125.00	0.5793	2650.00	0.1210E-01
150.00	0.4511	2675.00	0.1194E-01
175.00	0.3648	2700.00	0.1179E-01
200.00	0.3034	2725.00	0.1164E-01
225.00	0.2578	2750.00	0.1149E-01
250.00	0.2228	2775.00	0.1134E-01
275.00	0.1953	2800.00	0.1120E-01
300.00	0.1731	2825.00	0.1106E-01
325.00	0.1550	2850.00	0.1092E-01
350.00	0.1398	2875.00	0.1079E-01
375.00	0.1271	2900.00	0.1066E-01
400.00	0.1162	2925.00	0.1053E-01
425.00	0.1068	2950.00	0.1040E-01
450.00	0.9870E-01	2975.00	0.1028E-01
475.00	0.9157E-01	3000.00	0.1016E-01
500.00	0.8528E-01	3025.00	0.1004E-01
525.00	0.7970E-01	3050.00	0.9927E-02
550.00	0.7471E-01	3075.00	0.9813E-02
575.00	0.7024E-01	3100.00	0.9701E-02
600.00	0.6621E-01	3125.00	0.9592E-02
625.00	0.6256E-01	3150.00	0.9485E-02
650.00	0.5924E-01	3175.00	0.9379E-02
675.00	0.5621E-01	3200.00	0.9276E-02

MtPit3BIN (1).out

700.00	0.5401E-01	3225.00	0.9174E-02
725.00	0.5264E-01	3250.00	0.9075E-02
750.00	0.5127E-01	3275.00	0.8977E-02
775.00	0.4989E-01	3300.00	0.8881E-02
800.00	0.4850E-01	3325.00	0.8787E-02
825.00	0.4710E-01	3350.00	0.8694E-02
850.00	0.4571E-01	3375.00	0.8603E-02
875.00	0.4431E-01	3400.00	0.8513E-02
900.00	0.4292E-01	3425.00	0.8426E-02
925.00	0.4154E-01	3450.00	0.8339E-02
950.00	0.4016E-01	3475.00	0.8254E-02
975.00	0.3880E-01	3500.00	0.8171E-02
1000.00	0.3761E-01	3525.00	0.8089E-02
1025.00	0.3711E-01	3550.00	0.8008E-02
1050.00	0.3660E-01	3575.00	0.7929E-02
1075.00	0.3608E-01	3600.00	0.7851E-02
1100.00	0.3554E-01	3625.00	0.7774E-02
1125.00	0.3500E-01	3650.00	0.7699E-02
1150.00	0.3444E-01	3675.00	0.7624E-02
1175.00	0.3388E-01	3700.00	0.7551E-02
1200.00	0.3331E-01	3725.00	0.7480E-02
1225.00	0.3273E-01	3750.00	0.7409E-02
1250.00	0.3215E-01	3775.00	0.7339E-02
1275.00	0.3157E-01	3800.00	0.7271E-02
1300.00	0.3099E-01	3825.00	0.7203E-02
1325.00	0.3042E-01	3850.00	0.7137E-02
1350.00	0.2984E-01	3875.00	0.7071E-02
1375.00	0.2927E-01	3900.00	0.7007E-02
1400.00	0.2870E-01	3925.00	0.6943E-02
1425.00	0.2814E-01	3950.00	0.6881E-02
1450.00	0.2758E-01	3975.00	0.6819E-02
1475.00	0.2704E-01	4000.00	0.6759E-02
1500.00	0.2650E-01	4025.00	0.6699E-02
1525.00	0.2597E-01	4050.00	0.6640E-02
1550.00	0.2545E-01	4075.00	0.6582E-02
1575.00	0.2494E-01	4100.00	0.6525E-02
1600.00	0.2444E-01	4125.00	0.6469E-02
1625.00	0.2396E-01	4150.00	0.6413E-02
1650.00	0.2348E-01	4175.00	0.6358E-02
1675.00	0.2302E-01	4200.00	0.6304E-02
1700.00	0.2256E-01	4225.00	0.6251E-02
1725.00	0.2212E-01	4250.00	0.6199E-02
1750.00	0.2169E-01	4275.00	0.6147E-02
1775.00	0.2128E-01	4300.00	0.6096E-02
1800.00	0.2087E-01	4325.00	0.6046E-02
1825.00	0.2047E-01	4350.00	0.5996E-02
1850.00	0.2009E-01	4375.00	0.5947E-02
1875.00	0.1972E-01	4400.00	0.5899E-02

MtPit3BIN (1).out

1900.00	0.1936E-01	4425.00	0.5851E-02
1925.00	0.1900E-01	4450.00	0.5804E-02
1950.00	0.1866E-01	4475.00	0.5758E-02
1975.00	0.1833E-01	4500.00	0.5712E-02
2000.00	0.1801E-01	4525.00	0.5667E-02
2025.00	0.1769E-01	4550.00	0.5623E-02
2050.00	0.1739E-01	4575.00	0.5579E-02
2075.00	0.1709E-01	4600.00	0.5535E-02
2100.00	0.1680E-01	4625.00	0.5492E-02
2125.00	0.1653E-01	4650.00	0.5450E-02
2150.00	0.1625E-01	4675.00	0.5408E-02
2175.00	0.1599E-01	4700.00	0.5367E-02
2200.00	0.1573E-01	4725.00	0.5326E-02
2225.00	0.1548E-01	4750.00	0.5286E-02
2250.00	0.1524E-01	4775.00	0.5246E-02
2275.00	0.1501E-01	4800.00	0.5207E-02
2300.00	0.1478E-01	4825.00	0.5169E-02
2325.00	0.1455E-01	4850.00	0.5130E-02
2350.00	0.1434E-01	4875.00	0.5093E-02
2375.00	0.1412E-01	4900.00	0.5055E-02
2400.00	0.1392E-01	4925.00	0.5018E-02
2425.00	0.1371E-01	4950.00	0.4982E-02
2450.00	0.1352E-01	4975.00	0.4946E-02
2475.00	0.1333E-01	5000.00	0.4910E-02
2500.00	0.1314E-01		

***** AERSCREEN MAXIMUM IMPACT SUMMARY *****

CALCULATION PROCEDURE	MAXIMUM 1-HOUR CONC (ug/m3)	SCALED 3-HOUR CONC (ug/m3)	SCALED 8-HOUR CONC (ug/m3)	SCALED 24-HOUR CONC (ug/m3)	SCALED ANNUAL CONC (ug/m3)
FLAT TERRAIN	4.486	4.486	4.037	2.692	0.4486

DISTANCE FROM SOURCE 17.00 meters directed toward 180 degrees

IMPACT AT THE
AMBIENT BOUNDARY 0.5247E-01 0.5247E-01 0.4722E-01 0.3148E-01 0.5247E-02

DISTANCE FROM SOURCE 1.00 meters directed toward 180 degrees

TITLE: Mountaire Pit 3 SHED

***** STACK PARAMETERS *****

SOURCE EMISSION RATE:	0.143E-03 g/s	0.114E-02 lb/hr
STACK HEIGHT:	2.74 meters	9.00 feet
STACK INNER DIAMETER:	0.631 meters	24.84 inches
PLUME EXIT TEMPERATURE:	Ambient	
PLUME EXIT VELOCITY:	21.888 m/s	71.81 ft/s
STACK AIR FLOW RATE:	14500 ACFM	
RURAL OR URBAN:	URBAN	
POPULATION:	4293	

FLAGPOLE RECEPTOR HEIGHT:	0.00 meters	0.00 feet
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INITIAL PROBE DISTANCE =	5000. meters	16404. feet
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***** BUILDING DOWNWASH PARAMETERS *****

BUILDING HEIGHT:	6.1 meters	20.0 feet
MAX BUILDING DIMENSION:	4.3 meters	14.0 feet
MIN BUILDING DIMENSION:	4.3 meters	14.0 feet
BUILDING ORIENTATION TO NORTH:	0. degrees	
STACK DIRECTION FROM CENTER:	180. degrees	
STACK DISTANCE FROM CENTER:	3.7 meters	12.0 feet

***** FLOW SECTOR ANALYSIS *****

25 meter receptor spacing: 1. meters - 5000. meters

FLOW SECTOR	BUILD WIDTH	BUILD LENGTH	XBADJ	YBADJ	MAX 1-HR CONC	DIST (m)	TEMPORAL PERIOD
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MtPit3SHED (1) (1).out

10*	4.94	4.94	1.13	0.63	3.925	25.0	AUT
20	5.46	5.47	0.70	1.25	3.925	25.0	AUT
30	5.82	5.83	0.25	1.83	3.925	25.0	AUT
40	6.01	6.01	-0.20	2.35	3.925	25.0	AUT
50	6.01	6.01	-0.65	2.80	3.925	25.0	AUT
60	5.83	5.82	-1.08	3.17	3.925	25.0	AUT
70	5.47	5.46	-1.48	3.43	3.925	25.0	AUT
80	4.94	4.94	-1.83	3.60	3.925	25.0	AUT
90	4.27	4.26	-2.13	3.65	3.925	25.0	AUT
100	4.94	4.94	-3.10	3.60	3.925	25.0	AUT
110	5.47	5.46	-3.98	3.43	3.925	25.0	AUT
120	5.83	5.82	-4.74	3.17	3.925	25.0	AUT
130	6.01	6.01	-5.35	2.80	3.925	25.0	AUT
140	6.01	6.01	-5.80	2.35	3.925	25.0	AUT
150	5.82	5.83	-6.08	1.83	3.925	25.0	AUT
160	5.46	5.47	-6.17	1.25	3.925	25.0	AUT
170	4.94	4.94	-6.07	0.63	3.925	25.0	AUT
180	4.26	4.27	-5.79	0.00	3.925	25.0	AUT
190	4.94	4.94	-6.07	-0.63	3.925	25.0	AUT
200	5.46	5.47	-6.17	-1.25	3.925	25.0	AUT
210	5.82	5.83	-6.08	-1.83	3.925	25.0	AUT
220	6.01	6.01	-5.80	-2.35	3.925	25.0	AUT
230	6.01	6.01	-5.35	-2.80	3.925	25.0	AUT
240	5.83	5.82	-4.74	-3.17	3.925	25.0	AUT
250	5.47	5.46	-3.98	-3.43	3.925	25.0	AUT
260	4.94	4.94	-3.10	-3.60	3.925	25.0	AUT
270	4.27	4.26	-2.13	-3.65	3.925	25.0	AUT
280	4.94	4.94	-1.83	-3.60	3.925	25.0	AUT
290	5.47	5.46	-1.48	-3.43	3.925	25.0	AUT
300	5.83	5.82	-1.08	-3.17	3.925	25.0	AUT
310	6.01	6.01	-0.65	-2.80	3.925	25.0	AUT
320	6.01	6.01	-0.20	-2.35	3.925	25.0	AUT
330	5.82	5.83	0.25	-1.83	3.925	25.0	AUT
340	5.46	5.47	0.70	-1.25	3.925	25.0	AUT
350	4.94	4.94	1.13	-0.63	3.925	25.0	AUT
360	4.26	4.27	1.52	0.00	3.925	25.0	AUT

* = worst case flow sector

***** MAKEMET METEOROLOGY PARAMETERS *****

MIN/MAX TEMPERATURE: 249.8 / 310.9 (K)

MINIMUM WIND SPEED: 0.5 m/s

MtPit3SHED (1) (1).out

ANEMOMETER HEIGHT: 10.000 meters

SURFACE CHARACTERISTICS INPUT: AERMET SEASONAL TABLES

DOMINANT SURFACE PROFILE: Grassland
DOMINANT CLIMATE TYPE: Wet Conditions
DOMINANT SEASON: Autumn

ALBEDO: 0.20
BOWEN RATIO: 0.50
ROUGHNESS LENGTH: 0.010 (meters)

SURFACE FRICTION VELOCITY (U*) NOT ADJUSTED

METEOROLOGY CONDITIONS USED TO PREDICT OVERALL MAXIMUM IMPACT

YR MO DY JDY HR

10 01 04 4 01

H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN	ALBEDO	REF	WS
-0.21	0.014	-9.000	0.020	-999.	4.	1.1	0.010	0.50	0.20	0.50		
HT	REF	TA	HT									
10.0	249.8	2.0										

WIND SPEED AT STACK HEIGHT (non-downwash): 0.5 m/s
STACK-TIP DOWNWASH ADJUSTED STACK HEIGHT: 2.7 meters
ESTIMATED FINAL PLUME RISE (non-downwash): 0.0 meters
ESTIMATED FINAL PLUME HEIGHT (non-downwash): 2.7 meters

METEOROLOGY CONDITIONS USED TO PREDICT AMBIENT BOUNDARY IMPACT

YR MO DY JDY HR

10 06 21 4 01

H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN	ALBEDO	REF	WS
-64.00	1.355	-9.000	0.020	-999.	3626.	2980.2	0.050	0.30	0.18	18.00		
HT	REF	TA	HT									

10.0 249.8 2.0

WIND SPEED AT STACK HEIGHT (non-downwash): 13.6 m/s
 STACK-TIP DOWNWASH ADJUSTED STACK HEIGHT: 2.7 meters
 ESTIMATED FINAL PLUME RISE (non-downwash): 0.0 meters
 ESTIMATED FINAL PLUME HEIGHT (non-downwash): 2.7 meters

***** AERSCREEN AUTOMATED DISTANCES *****
 OVERALL MAXIMUM CONCENTRATIONS BY DISTANCE

DIST (m)	MAXIMUM 1-HR CONC (ug/m3)	DIST (m)	MAXIMUM 1-HR CONC (ug/m3)
1.00	0.6189	2525.00	0.1295E-01
25.00	3.925	2550.00	0.1277E-01
50.00	2.257	2575.00	0.1260E-01
75.00	1.476	2600.00	0.1243E-01
100.00	1.044	2625.00	0.1226E-01
125.00	0.7861	2650.00	0.1210E-01
150.00	0.6199	2675.00	0.1194E-01
175.00	0.5055	2700.00	0.1179E-01
200.00	0.4230	2725.00	0.1163E-01
225.00	0.3611	2750.00	0.1149E-01
250.00	0.3132	2775.00	0.1134E-01
275.00	0.2753	2800.00	0.1120E-01
300.00	0.2446	2825.00	0.1106E-01
325.00	0.2194	2850.00	0.1092E-01
350.00	0.1983	2875.00	0.1079E-01
375.00	0.1805	2900.00	0.1066E-01
400.00	0.1653	2925.00	0.1053E-01
425.00	0.1521	2950.00	0.1040E-01
450.00	0.1407	2975.00	0.1028E-01
475.00	0.1307	3000.00	0.1016E-01
500.00	0.1218	3025.00	0.1004E-01
525.00	0.1139	3050.00	0.9926E-02
550.00	0.1069	3075.00	0.9813E-02
575.00	0.1005	3100.00	0.9701E-02
600.00	0.9484E-01	3125.00	0.9592E-02
625.00	0.8967E-01	3150.00	0.9484E-02
650.00	0.8496E-01	3175.00	0.9379E-02
675.00	0.8067E-01	3200.00	0.9276E-02

MtPit3SHED (1) (1).out

700.00	0.7673E-01	3225.00	0.9174E-02
725.00	0.7311E-01	3250.00	0.9075E-02
750.00	0.6978E-01	3275.00	0.8977E-02
775.00	0.6670E-01	3300.00	0.8881E-02
800.00	0.6385E-01	3325.00	0.8787E-02
825.00	0.6120E-01	3350.00	0.8694E-02
850.00	0.5873E-01	3375.00	0.8603E-02
875.00	0.5643E-01	3400.00	0.8513E-02
900.00	0.5428E-01	3425.00	0.8426E-02
925.00	0.5227E-01	3450.00	0.8339E-02
950.00	0.5038E-01	3475.00	0.8254E-02
975.00	0.4860E-01	3500.00	0.8171E-02
1000.00	0.4693E-01	3525.00	0.8089E-02
1025.00	0.4536E-01	3550.00	0.8008E-02
1050.00	0.4387E-01	3575.00	0.7929E-02
1075.00	0.4247E-01	3600.00	0.7851E-02
1100.00	0.4114E-01	3625.00	0.7774E-02
1125.00	0.3988E-01	3650.00	0.7699E-02
1150.00	0.3869E-01	3675.00	0.7624E-02
1175.00	0.3756E-01	3700.00	0.7551E-02
1200.00	0.3648E-01	3725.00	0.7480E-02
1225.00	0.3545E-01	3750.00	0.7409E-02
1250.00	0.3447E-01	3775.00	0.7339E-02
1275.00	0.3354E-01	3800.00	0.7271E-02
1300.00	0.3265E-01	3825.00	0.7203E-02
1325.00	0.3180E-01	3850.00	0.7137E-02
1350.00	0.3099E-01	3875.00	0.7071E-02
1375.00	0.3021E-01	3900.00	0.7007E-02
1400.00	0.2946E-01	3925.00	0.6943E-02
1425.00	0.2875E-01	3950.00	0.6881E-02
1450.00	0.2806E-01	3975.00	0.6819E-02
1475.00	0.2740E-01	4000.00	0.6759E-02
1500.00	0.2677E-01	4025.00	0.6699E-02
1525.00	0.2616E-01	4050.00	0.6640E-02
1550.00	0.2558E-01	4075.00	0.6582E-02
1575.00	0.2502E-01	4100.00	0.6525E-02
1600.00	0.2448E-01	4125.00	0.6469E-02
1625.00	0.2396E-01	4150.00	0.6413E-02
1650.00	0.2345E-01	4175.00	0.6358E-02
1675.00	0.2297E-01	4200.00	0.6304E-02
1700.00	0.2250E-01	4225.00	0.6251E-02
1725.00	0.2205E-01	4250.00	0.6199E-02
1750.00	0.2161E-01	4275.00	0.6147E-02
1775.00	0.2119E-01	4300.00	0.6096E-02
1800.00	0.2078E-01	4325.00	0.6046E-02
1825.00	0.2038E-01	4350.00	0.5996E-02
1850.00	0.2000E-01	4375.00	0.5947E-02
1875.00	0.1963E-01	4400.00	0.5899E-02

MtPit3SHED (1) (1).out

1900.00	0.1927E-01	4425.00	0.5851E-02
1925.00	0.1892E-01	4450.00	0.5804E-02
1950.00	0.1859E-01	4475.00	0.5758E-02
1975.00	0.1826E-01	4500.00	0.5712E-02
2000.00	0.1794E-01	4525.00	0.5667E-02
2025.00	0.1763E-01	4550.00	0.5623E-02
2050.00	0.1733E-01	4575.00	0.5579E-02
2075.00	0.1704E-01	4600.00	0.5535E-02
2100.00	0.1676E-01	4625.00	0.5492E-02
2125.00	0.1649E-01	4650.00	0.5450E-02
2150.00	0.1622E-01	4675.00	0.5408E-02
2175.00	0.1596E-01	4700.00	0.5367E-02
2200.00	0.1570E-01	4725.00	0.5326E-02
2225.00	0.1546E-01	4750.00	0.5286E-02
2250.00	0.1522E-01	4775.00	0.5246E-02
2275.00	0.1499E-01	4800.00	0.5207E-02
2300.00	0.1476E-01	4825.00	0.5169E-02
2325.00	0.1454E-01	4850.00	0.5130E-02
2350.00	0.1432E-01	4875.00	0.5093E-02
2375.00	0.1411E-01	4900.00	0.5055E-02
2400.00	0.1390E-01	4925.00	0.5018E-02
2425.00	0.1370E-01	4950.00	0.4982E-02
2450.00	0.1351E-01	4975.00	0.4946E-02
2475.00	0.1332E-01	5000.00	0.4910E-02
2500.00	0.1313E-01		

***** AERSCREEN MAXIMUM IMPACT SUMMARY *****

CALCULATION PROCEDURE	MAXIMUM 1-HOUR CONC (ug/m3)	SCALED 3-HOUR CONC (ug/m3)	SCALED 8-HOUR CONC (ug/m3)	SCALED 24-HOUR CONC (ug/m3)	SCALED ANNUAL CONC (ug/m3)
FLAT TERRAIN	4.486	4.486	4.037	2.692	0.4486

DISTANCE FROM SOURCE 17.00 meters directed toward 10 degrees

IMPACT AT THE
AMBIENT BOUNDARY 0.6189 0.6189 0.5570 0.3713 0.6189E-01

DISTANCE FROM SOURCE 1.00 meters directed toward 180 degrees