

ATTACHMENT G

HRA Modeling Output Files - HARP

FILE: c:\HARP\projects\demo\Rep_PMI.txt

EXCEPTION REPORT

(there have been no changes or exceptions)

RECEPTORS WITH HIGHEST CANCER RISK

REC	TYPE	CANCER	CHRONIC	ACUTE	UTME	UTMN	ZONE
132	GRID	5.19E-06	2.51E-03	0.00E+00	317792	3901414	11
1	GRID	5.16E-06	2.49E-03	0.00E+00	317696	3901283	11
7	GRID	4.41E-06	2.13E-03	0.00E+00	316943	3900685	11

RECEPTORS WITH HIGHEST CHRONIC HI

REC	TYPE	CANCER	CHRONIC	ACUTE	UTME	UTMN	ZONE
132	GRID	5.19E-06	2.51E-03	0.00E+00	317792	3901414	11
1	GRID	5.16E-06	2.49E-03	0.00E+00	317696	3901283	11
7	GRID	4.41E-06	2.13E-03	0.00E+00	316943	3900685	11

Rep_Chr_Res_DerOEH_AllRec_AllSrc_AllCh_ByRec_Site.txt
This file: c:\HARP\projects\demo\Rep_Chr_Res_DerOEH_AllRec_AllSrc_AllCh_ByRec_Site.txt

Created by HARP Version 1.4 Build 23.06.09
Uses ISC Version 99155
Uses BPIP (Dated: 04112)
Creation date: 6/4/2009 9:57:51 AM

EXCEPTION REPORT
(there have been no changes or exceptions)

INPUT FILES:
Source-Receptor file: C:\Lakes\99\99HRA.src
Averaging period adjustment factors file: not applicable
Emission rates file: 99HRA.ems
Site parameters file: C:\HARP\PROJECTS\DEMO\project.sit

Screening mode is OFF

Exposure duration: resident
Analysis method: Derived (OEHHA) Method
Health effect: Chronic HI
Receptor(s): All
Sources(s): All
Chemicals(s): All

SITE PARAMETERS

DEPOSITION

Deposition rate (m/s) 0.05

DRINKING WATER

*** Pathway disabled ***

FISH

*** Pathway disabled ***

PASTURE

*** Pathway disabled ***

HOME GROWN PRODUCE

*** Pathway disabled ***

PIGS, CHICKENS AND EGGS

*** Pathway disabled ***

DERMAL ABSORPTION

*** Pathway disabled ***

SOIL INGESTION

*** Pathway disabled ***

MOTHER'S MILK

*** Pathway disabled ***

CHEMICAL CROSS-REFERENCE TABLE AND BACKGROUND CONCENTRATIONS

CHEM	CAS	ABBREVIATION	POLLUTANT NAME
		BACKGROUND (ug/m ³)	
0001	9901	DieselExhPM	Diesel engine exhaust, particulate matter (Diesel PM)
		0.000E+00	

CHEMICAL HEALTH VALUES

CHEM	CAS	ABBREVIATION	CancerPF(Inh)	CancerPF(Oral)	ChronicREL(Inh)	
		AcuteREL	(mg/kg-d) ⁻¹	(mg/kg-d) ⁻¹	ug/m ³	mg/kg-d
		ug/m ³				
0001	9901	DieselExhPM	1.10E+00	*	5.00E+00	*
	*					

EMISSIONS DATA SOURCE: Emission rates loaded from file: C:\Lakes\99\99HRA.ems
 CHEMICALS ADDED OR DELETED: none

EMISSIONS FOR FACILITY FAC=1 DEV=* PRO=* STK=PAREAl NAME=99HRA PAREAl EMS (lbs/yr)
 SOURCE MULTIPLIER=1
 CAS ABBREV MULTIPLIER BG (ug/m^3) AVRGE (lbs/yr) MAX (lbs/hr)
 9901 DieselExhPM 1 2.56E+02 1.23E-01

CHRONIC HI REPORT

REC	CV	CNS	BONE	DEVEL	ENDO	EYE	GILV	IMMUN	KIDN	REPRO	RESP
SKIN	BLOOD	MAX									
0001	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-03
0.00E+00	0.00E+00	2.49E-03									
0002	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
0.00E+00	0.00E+00	1.52E-03									
0003	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03
0.00E+00	0.00E+00	1.61E-03									
0004	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03
0.00E+00	0.00E+00	1.22E-03									
0005	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.52E-04
0.00E+00	0.00E+00	9.52E-04									
0006	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.15E-04
0.00E+00	0.00E+00	9.15E-04									
0007	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03
0.00E+00	0.00E+00	2.13E-03									
0008	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03
0.00E+00	0.00E+00	1.51E-03									
0009	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
0.00E+00	0.00E+00	1.40E-03									
0010	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
0.00E+00	0.00E+00	1.21E-03									
0011	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.97E-04
0.00E+00	0.00E+00	8.97E-04									
0012	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-04
0.00E+00	0.00E+00	7.86E-04									
0013	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-04
0.00E+00	0.00E+00	8.08E-04									
0014	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-04
0.00E+00	0.00E+00	8.15E-04									
0015	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03
0.00E+00	0.00E+00	1.00E-03									
0016	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.43E-04
0.00E+00	0.00E+00	8.43E-04									
0017	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-04
0.00E+00	0.00E+00	8.08E-04									
0018	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-04
0.00E+00	0.00E+00	6.60E-04									
0019	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-04
0.00E+00	0.00E+00	6.24E-04									
0020	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-04
0.00E+00	0.00E+00	7.17E-04									
0021	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-04
0.00E+00	0.00E+00	5.75E-04									
0022	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-04
0.00E+00	0.00E+00	6.12E-04									
0023	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.15E-04
0.00E+00	0.00E+00	7.15E-04									
0024	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.92E-04
0.00E+00	0.00E+00	7.92E-04									
0025	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.81E-04
0.00E+00	0.00E+00	8.81E-04									
0026	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-04
0.00E+00	0.00E+00	7.88E-04									
0027	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-04
0.00E+00	0.00E+00	7.12E-04									
0028	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-04
0.00E+00	0.00E+00	6.50E-04									
0029	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-04
0.00E+00	0.00E+00	7.49E-04									
0030	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.35E-04
0.00E+00	0.00E+00	9.35E-04									
0031	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
0.00E+00	0.00E+00	1.07E-03									
0032	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03
0.00E+00	0.00E+00	1.00E-03									
0033	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-04
0.00E+00	0.00E+00	9.38E-04									
0034	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.82E-04
0.00E+00	0.00E+00	8.82E-04									
0035	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-04
0.00E+00	0.00E+00	8.07E-04									
0036	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-04

0.00E+00 0.00E+00 1.93E-04
0119 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 2.28E-04
0.00E+00 0.00E+00 2.28E-04
0120 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 2.70E-04
0.00E+00 0.00E+00 2.70E-04
0121 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 2.90E-04
0.00E+00 0.00E+00 2.90E-04
0122 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 6.18E-04
0.00E+00 0.00E+00 6.18E-04
0123 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 6.77E-04
0.00E+00 0.00E+00 6.77E-04
0124 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 7.35E-04
0.00E+00 0.00E+00 7.35E-04
0125 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 7.82E-04
0.00E+00 0.00E+00 7.82E-04
0126 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 8.36E-04
0.00E+00 0.00E+00 8.36E-04
0127 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 8.86E-04
0.00E+00 0.00E+00 8.86E-04
0128 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 1.51E-03
0.00E+00 0.00E+00 1.51E-03
0129 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 1.10E-03
0.00E+00 0.00E+00 1.10E-03
0130 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 5.45E-04
0.00E+00 0.00E+00 5.45E-04
0131 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 3.98E-04
0.00E+00 0.00E+00 3.98E-04
0132 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 2.51E-03
0.00E+00 0.00E+00 2.51E-03
0133 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 1.93E-03
0.00E+00 0.00E+00 1.93E-03
0134 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 1.53E-03
0.00E+00 0.00E+00 1.53E-03
0135 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 1.71E-03
0.00E+00 0.00E+00 1.71E-03
0136 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 1.45E-03
0.00E+00 0.00E+00 1.45E-03
0137 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 8.28E-04
0.00E+00 0.00E+00 8.28E-04
0138 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 4.94E-04
0.00E+00 0.00E+00 4.94E-04
0139 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 4.45E-04
0.00E+00 0.00E+00 4.45E-04
0140 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 8.31E-04
0.00E+00 0.00E+00 8.31E-04
0141 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 7.65E-04
0.00E+00 0.00E+00 7.65E-04
0142 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 8.34E-04
0.00E+00 0.00E+00 8.34E-04
0143 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 8.73E-04
0.00E+00 0.00E+00 8.73E-04
0144 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 9.02E-04
0.00E+00 0.00E+00 9.02E-04
0145 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 6.72E-04
0.00E+00 0.00E+00 6.72E-04

This file: c:\HARP\projects\demo\Rep_Can_70yr_DerOEH_AllRec_AllSrc_AllCh_ByRec_Site.txt

Created by HARP Version 1.4 Build 23.06.09

Uses ISC Version 99155

Uses BPIP (Dated: 04112)

Creation date: 6/4/2009 9:57:44 AM

EXCEPTION REPORT

(there have been no changes or exceptions)

INPUT FILES:

Source-Receptor file: C:\Lakes\99\99HRA.src

Averaging period adjustment factors file: not applicable

Emission rates file: 99HRA.ems

Site parameters file: C:\HARP\PROJECTS\DEMO\project.sit

Screening mode is OFF

Exposure duration: 70 year (adult resident)

Analysis method: Derived (OEHA) Method

Health effect: Cancer Risk

Receptor(s): All

Sources(s): All

Chemicals(s): All

SITE PARAMETERS

DEPOSITION

Deposition rate (m/s) 0.05

DRINKING WATER

*** Pathway disabled ***

FISH

*** Pathway disabled ***

PASTURE

*** Pathway disabled ***

HOME GROWN PRODUCE

*** Pathway disabled ***

PIGS, CHICKENS AND EGGS

*** Pathway disabled ***

DERMAL ABSORPTION

*** Pathway disabled ***

SOIL INGESTION

*** Pathway disabled ***

MOTHER'S MILK

*** Pathway disabled ***

CHEMICAL CROSS-REFERENCE TABLE AND BACKGROUND CONCENTRATIONS

CHEM	CAS	ABBREVIATION	POLLUTANT NAME
		BACKGROUND (ug/m ³)	
0001	9901	DieselExhPM	Diesel engine exhaust, particulate matter (Diesel PM)
		0.000E+00	

CHEMICAL HEALTH VALUES

CHEM	CAS	ABBREVIATION	CancerPF(Inh)	CancerPF(Oral)	ChronicREL(Inh)	
		AcuteREL	(mg/kg-d) ⁻¹	(mg/kg-d) ⁻¹	ug/m ³	mg/kg-d
		ug/m ³				
0001	9901	DieselExhPM	1.10E+00	*	5.00E+00	*
		*				

EMISSIONS DATA SOURCE: Emission rates loaded from file: C:\Lakes\99\99HRA.ems
 CHEMICALS ADDED OR DELETED: none

EMISSIONS FOR FACILITY FAC=1 DEV=* PRO=* STK=PAREA1 NAME=99HRA PAREA1 EMS (lbs/yr)
 SOURCE MULTIPLIER=1
 CAS ABBREV MULTIPLIER BG (ug/m^3) AVRG (lbs/yr) MAX (lbs/hr)
 9901 DieselExhPM 1 2.56E+02 1.23E-01

CANCER RISK REPORT

REC	EGG	INHAL	DERM	SOIL	MOTHER	FISH	WATER	VEG	DAIRY	BEEF	CHICK	PIG
	MEAT	ORAL	TOTAL									
0001	5.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0002	3.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0003	3.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0004	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0005	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0006	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0007	4.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0008	3.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0009	2.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0010	2.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0011	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0012	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0013	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0014	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0015	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0016	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0017	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0018	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0019	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0020	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0021	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0022	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0023	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0024	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0025	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0026	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0027	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0028	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0029	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0030	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0031	2.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0032	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0033	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0034	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0035	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0036	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Page 3

Page 5

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** AERMOD Input Produced by:

** ISC-AERMOD View Ver. 5.9.0

** Lakes Environmental Software Inc.

** Date: 6/4/2009

** File: C:\Lakes\99\99HRA.ADI

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** AERMOD Control Pathway

**

**

CO STARTING

TITLEONE C:\Lakes\BFD\BFD.isc

MODELOPT DEFAULT CONC

AVERTIME 1 4 6 MONTH PERIOD

POLLUTID OTHER

RUNORNOT RUN

CO FINISHED

**

** AERMOD Source Pathway

**

**

SO STARTING

** Source Location **

** Source ID - Type - X Coord. - Y Coord. **

LOCATION PAREAl AREAPOLY 316292.412 3902627.218 0.0

** Source Parameters **

SRCPARAM PAREAl 7.884E-07 1.829 10

AREAVERT PAREAl 316292.412 3902627.218 316644.304 3901052.965

AREAVERT PAREAl 317320.307 3901052.965 317329.567 3901441.898

AREAVERT PAREAl 317746.281 3901451.158 317737.021 3901840.091

AREAVERT PAREAl 317329.567 3901849.352 317320.307 3902043.818

AREAVERT PAREAl 316912.853 3902043.818 316903.593 3902617.957

SRCGROUP PAREAl PAREAl

SO FINISHED

**

** AERMOD Receptor Pathway

**

**

RE STARTING

** DESCRREC " " "

DISCCART	317696.17	3901282.67	0.00	0.00
DISCCART	317698.61	3900882.86	0.00	0.00
DISCCART	317674.81	3900897.56	0.00	0.00
DISCCART	317686.91	3900639.76	0.00	0.00
DISCCART	317704.38	3900403.90	0.00	0.00
DISCCART	317704.38	3900360.22	0.00	0.00
DISCCART	316942.73	3900684.67	0.00	0.00
DISCCART	316935.61	3900481.96	0.00	0.00
DISCCART	316928.50	3900432.17	0.00	0.00
DISCCART	316882.27	3900329.04	0.00	0.00
DISCCART	316969.67	3900050.51	0.00	0.00
DISCCART	316674.44	3899993.43	0.00	0.00
DISCCART	316646.01	3900043.00	0.00	0.00
DISCCART	316603.37	3900087.58	0.00	0.00
DISCCART	316666.36	3900244.58	0.00	0.00
DISCCART	316532.62	3900191.28	0.00	0.00
DISCCART	316533.59	3900143.79	0.00	0.00
DISCCART	316461.87	3899980.97	0.00	0.00
DISCCART	316357.20	3900022.65	0.00	0.00
DISCCART	316425.04	3900122.47	0.00	0.00
DISCCART	316178.18	3900121.82	0.00	0.00
DISCCART	316156.09	3900243.33	0.00	0.00
DISCCART	316315.48	3900248.07	0.00	0.00
DISCCART	316470.13	3900188.10	0.00	0.00
DISCCART	316448.04	3900330.13	0.00	0.00
DISCCART	316343.88	3900331.71	0.00	0.00
DISCCART	316246.04	3900331.71	0.00	0.00
DISCCART	316154.51	3900331.71	0.00	0.00
DISCCART	316246.04	3900397.99	0.00	0.00
DISCCART	316440.15	3900401.15	0.00	0.00
DISCCART	316370.71	3900626.82	0.00	0.00

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DISCCART	316317.06	3900634.71	0.00	0.00
DISCCART	316263.40	3900637.87	0.00	0.00
DISCCART	316216.06	3900636.29	0.00	0.00
DISCCART	316143.46	3900633.13	0.00	0.00
DISCCART	316143.46	3900536.87	0.00	0.00
DISCCART	316328.10	3900693.10	0.00	0.00
DISCCART	316317.06	3900737.29	0.00	0.00
DISCCART	316242.88	3900702.57	0.00	0.00
DISCCART	316154.51	3900686.79	0.00	0.00
DISCCART	316152.93	3900742.02	0.00	0.00
DISCCART	316141.88	3900983.48	0.00	0.00
DISCCART	316271.29	3900929.82	0.00	0.00
DISCCART	316318.63	3900890.37	0.00	0.00
DISCCART	316342.31	3900931.40	0.00	0.00
DISCCART	316377.03	3900846.18	0.00	0.00
DISCCART	316056.67	3901002.41	0.00	0.00
DISCCART	316053.51	3900790.94	0.00	0.00
DISCCART	316061.40	3900388.52	0.00	0.00
DISCCART	316060.09	3900253.92	0.00	0.00
DISCCART	316060.09	3900048.59	0.00	0.00
DISCCART	315031.76	3903412.77	0.00	0.00
DISCCART	315039.18	3903322.97	0.00	0.00
DISCCART	315143.93	3903476.38	0.00	0.00
DISCCART	315184.30	3903473.91	0.00	0.00
DISCCART	315185.95	3903506.04	0.00	0.00
DISCCART	315186.77	3903531.58	0.00	0.00
DISCCART	315187.60	3903550.53	0.00	0.00
DISCCART	315185.13	3903575.24	0.00	0.00
DISCCART	315182.65	3903605.73	0.00	0.00
DISCCART	315184.30	3903632.09	0.00	0.00
DISCCART	315184.30	3903671.64	0.00	0.00
DISCCART	315171.94	3903723.55	0.00	0.00
DISCCART	315401.32	3903469.00	0.00	0.00
DISCCART	315668.46	3903535.29	0.00	0.00
DISCCART	315647.93	3903461.16	0.00	0.00
DISCCART	315684.42	3903462.30	0.00	0.00
DISCCART	315772.24	3903480.55	0.00	0.00
DISCCART	315819.00	3903458.88	0.00	0.00
DISCCART	315916.70	3903456.57	0.00	0.00
DISCCART	315998.41	3903322.86	0.00	0.00
DISCCART	317490.21	3903466.11	0.00	0.00

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DISCCART	317311.92	3903395.54	0.00	0.00
DISCCART	317341.63	3903410.40	0.00	0.00
DISCCART	317341.63	3903375.11	0.00	0.00
DISCCART	317373.20	3903412.25	0.00	0.00
DISCCART	317402.92	3903375.11	0.00	0.00
DISCCART	317401.06	3903334.25	0.00	0.00
DISCCART	317395.49	3903310.11	0.00	0.00
DISCCART	317352.78	3903245.10	0.00	0.00
DISCCART	317343.49	3903284.11	0.00	0.00
DISCCART	317408.49	3903181.96	0.00	0.00
DISCCART	317412.21	3903096.53	0.00	0.00
DISCCART	317419.64	3903048.24	0.00	0.00
DISCCART	317454.92	3903048.24	0.00	0.00
DISCCART	317464.21	3903185.67	0.00	0.00
DISCCART	317460.50	3903287.82	0.00	0.00
DISCCART	317456.78	3903336.11	0.00	0.00
DISCCART	317458.64	3903376.97	0.00	0.00
DISCCART	317514.35	3903402.97	0.00	0.00
DISCCART	317549.64	3903404.83	0.00	0.00
DISCCART	317594.22	3903408.54	0.00	0.00
DISCCART	317625.79	3903412.25	0.00	0.00
DISCCART	317627.65	3903373.25	0.00	0.00
DISCCART	317633.22	3903336.11	0.00	0.00
DISCCART	317653.65	3903414.11	0.00	0.00
DISCCART	317657.36	3903376.97	0.00	0.00
DISCCART	317657.36	3903341.68	0.00	0.00
DISCCART	317683.36	3903343.54	0.00	0.00
DISCCART	317687.08	3903380.68	0.00	0.00
DISCCART	317687.08	3903414.11	0.00	0.00
DISCCART	317640.65	3903213.53	0.00	0.00
DISCCART	317642.50	3903113.24	0.00	0.00
DISCCART	317806.58	3903332.08	0.00	0.00
DISCCART	317810.95	3903211.89	0.00	0.00
DISCCART	317800.03	3903159.45	0.00	0.00
DISCCART	317808.77	3903096.08	0.00	0.00
DISCCART	317821.88	3903021.78	0.00	0.00
DISCCART	317830.62	3902954.04	0.00	0.00
DISCCART	318385.45	3903405.04	0.00	0.00
DISCCART	318758.02	3903400.86	0.00	0.00
DISCCART	319017.57	3903480.39	0.00	0.00
DISCCART	319017.57	3903405.04	0.00	0.00

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DISCCART	317832.88	3902672.46	0.00	0.00
DISCCART	317904.04	3902555.25	0.00	0.00
DISCCART	317707.29	3902563.62	0.00	0.00
DISCCART	317673.80	3902525.95	0.00	0.00
DISCCART	317698.92	3902496.64	0.00	0.00
DISCCART	317703.11	3902404.55	0.00	0.00
DISCCART	317703.11	3902320.82	0.00	0.00
DISCCART	317791.02	3902224.54	0.00	0.00
DISCCART	317699.23	3901974.95	0.00	0.00
DISCCART	317699.23	3901949.40	0.00	0.00
DISCCART	317714.89	3901917.26	0.00	0.00
DISCCART	317700.06	3901915.61	0.00	0.00
DISCCART	317684.40	3901913.96	0.00	0.00
DISCCART	317665.44	3901916.44	0.00	0.00
DISCCART	317472.25	3901935.20	0.00	0.00
DISCCART	317775.85	3901821.35	0.00	0.00
DISCCART	317972.71	3901817.47	0.00	0.00
DISCCART	318132.72	3901822.32	0.00	0.00
DISCCART	317791.96	3901413.43	0.00	0.00
DISCCART	317841.79	3901420.55	0.00	0.00
DISCCART	317895.18	3901384.96	0.00	0.00
DISCCART	317788.40	3901182.09	0.00	0.00
DISCCART	317820.43	3901075.31	0.00	0.00
DISCCART	318130.08	3901110.90	0.00	0.00
DISCCART	318457.53	3901018.36	0.00	0.00
DISCCART	318557.19	3900566.35	0.00	0.00
DISCCART	317927.21	3900512.96	0.00	0.00
DISCCART	317859.59	3900313.64	0.00	0.00
DISCCART	317802.64	3900356.35	0.00	0.00
DISCCART	317788.40	3900395.51	0.00	0.00
DISCCART	317795.52	3900441.78	0.00	0.00
DISCCART	317771.47	3900060.79	0.00	0.00

RE FINISHED

**

** AERMOD Meteorology Pathway

**

**

ME STARTING

SURFFILE C:\Lakes\MET\SJVAerMt\BAKERS04.SFC

PROFFILE C:\Lakes\MET\SJVAerMt\BAKERS04.PFL

SURFDATA 23155 2004

UAIRDATA 23230 2004 OAKLAND/WSO_AP

PROFBASE 149 METERS

ME FINISHED

**

** AERMOD Output Pathway

**

**

OU STARTING

RECTABLE ALLAVE 1ST

RECTABLE 1 1ST

RECTABLE 4 1ST

RECTABLE 6 1ST

RECTABLE MONTH 1ST

** Auto-Generated Plotfiles

PLOTFILE 1 PAREAl 1ST 99HRA.AD\01H1G001.PLT

PLOTFILE 4 PAREAl 1ST 99HRA.AD\04H1G001.PLT

PLOTFILE 6 PAREAl 1ST 99HRA.AD\06H1G001.PLT

PLOTFILE MONTH PAREAl 1ST 99HRA.AD\MOH1G001.PLT

PLOTFILE PERIOD PAREAl 99HRA.AD\PE00G001.PLT

OU FINISHED

*** SETUP Finishes Successfully ***

□ *** AERMOD - VERSION 07026 *** *** C:\Lakes\BFD\BFD.isc
*** 06/04/09 ***

*** 09:52:36

**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. No Exponential Decay

**Model Assumes No FLAGPOLE Receptor Heights.

**Model Calculates 4 Short Term Average(s) of: 1-HR 4-HR 6-HR MONTH
and Calculates PERIOD Averages

**This Run Includes: 1 Source(s); 1 Source Group(s); and 145 Receptor(s)

**The Model Assumes A Pollutant Type of: OTHER

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

**Output Options Selected:

Model Outputs Tables of PERIOD Averages by Receptor
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 149.00 ; Decay Coef. = 0.000 ;
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.

□ *** AERMOD - VERSION 07026 *** *** C:\Lakes\BFD\BFD.isc
*** 06/04/09 ***

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**MODELOPTs:

PAGE 2

CONC DFAULT ELEV

*** AREAPOLY SOURCE DATA ***

EMISSION RATE	NUMBER	EMISSION RATE	LOCATION OF AREA	BASE	RELEASE	NUMBER	INIT.	URBAN
SOURCE	PART.	(GRAMS/SEC	X	Y	ELEV.	HEIGHT	OF VERTS.	SZ
SCALAR VARY	CATS.	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	SOURCE
ID								
BY								
---	---	---	---	---	---	---	---	---
PAREA1	0	0.78840E-06	316292.4	3902627.2	0.0	1.83	10	0.00 NO

□ *** AERMOD - VERSION 07026 *** *** C:\Lakes\BFD\BFD.isc
*** 06/04/09 ***

*** 09:52:36

**MODELOPTs:

PAGE 3

CONC DFAULT ELEV

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID

SOURCE IDs

PAREA1 PAREA1 ,
□ *** AERMOD - VERSION 07026 *** *** C:\Lakes\BFD\BFD.isc
*** 06/04/09 ***

*** 09:52:36

**MODELOPTs:

PAGE 4

CONC DFAULT ELEV

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

(317696.2, 3901282.8,	0.0,	0.0,	0.0);	(317698.6, 3900882.8,	0.0,
0.0, 0.0);					
(317674.8, 3900897.5,	0.0,	0.0,	0.0);	(317686.9, 3900639.8,	0.0,
0.0, 0.0);					
(317704.4, 3900404.0,	0.0,	0.0,	0.0);	(317704.4, 3900360.2,	0.0,
0.0, 0.0);					
(316942.7, 3900684.8,	0.0,	0.0,	0.0);	(316935.6, 3900482.0,	0.0,
0.0, 0.0);					
(316928.5, 3900432.2,	0.0,	0.0,	0.0);	(316882.3, 3900329.0,	0.0,
0.0, 0.0);					
(316969.7, 3900050.5,	0.0,	0.0,	0.0);	(316674.4, 3899993.5,	0.0,
0.0, 0.0);					
(316646.0, 3900043.0,	0.0,	0.0,	0.0);	(316603.4, 3900087.5,	0.0,
0.0, 0.0);					
(316666.4, 3900244.5,	0.0,	0.0,	0.0);	(316532.6, 3900191.2,	0.0,
0.0, 0.0);					
(316533.6, 3900143.8,	0.0,	0.0,	0.0);	(316461.9, 3899981.0,	0.0,
0.0, 0.0);					
(316357.2, 3900022.8,	0.0,	0.0,	0.0);	(316425.0, 3900122.5,	0.0,
0.0, 0.0);					
(316178.2, 3900121.8,	0.0,	0.0,	0.0);	(316156.1, 3900243.2,	0.0,
0.0, 0.0);					
(316315.5, 3900248.0,	0.0,	0.0,	0.0);	(316470.1, 3900188.0,	0.0,
0.0, 0.0);					
(316448.0, 3900330.2,	0.0,	0.0,	0.0);	(316343.9, 3900331.8,	0.0,
0.0, 0.0);					
(316246.0, 3900331.8,	0.0,	0.0,	0.0);	(316154.5, 3900331.8,	0.0,
0.0, 0.0);					
(316246.0, 3900398.0,	0.0,	0.0,	0.0);	(316440.2, 3900401.2,	0.0,
0.0, 0.0);					
(316370.7, 3900626.8,	0.0,	0.0,	0.0);	(316317.1, 3900634.8,	0.0,
0.0, 0.0);					
(316263.4, 3900637.8,	0.0,	0.0,	0.0);	(316216.1, 3900636.2,	0.0,
0.0, 0.0);					
(316143.5, 3900633.2,	0.0,	0.0,	0.0);	(316143.5, 3900536.8,	0.0,
0.0, 0.0);					
(316328.1, 3900693.0,	0.0,	0.0,	0.0);	(316317.1, 3900737.2,	0.0,
0.0, 0.0);					
(316242.9, 3900702.5,	0.0,	0.0,	0.0);	(316154.5, 3900686.8,	0.0,
0.0, 0.0);					
(316152.9, 3900742.0,	0.0,	0.0,	0.0);	(316141.9, 3900983.5,	0.0,
0.0, 0.0);					
(316271.3, 3900929.8,	0.0,	0.0,	0.0);	(316318.6, 3900890.2,	0.0,
0.0, 0.0);					
(316342.3, 3900931.5,	0.0,	0.0,	0.0);	(316377.0, 3900846.2,	0.0,
0.0, 0.0);					
(316056.7, 3901002.5,	0.0,	0.0,	0.0);	(316053.5, 3900791.0,	0.0,
0.0, 0.0);					
(316061.4, 3900388.5,	0.0,	0.0,	0.0);	(316060.1, 3900254.0,	0.0,
0.0, 0.0);					
(316060.1, 3900048.5,	0.0,	0.0,	0.0);	(315031.8, 3903412.8,	0.0,
0.0, 0.0);					
(315039.2, 3903323.0,	0.0,	0.0,	0.0);	(315143.9, 3903476.5,	0.0,
0.0, 0.0);					
(315184.3, 3903474.0,	0.0,	0.0,	0.0);	(315185.9, 3903506.0,	0.0,
0.0, 0.0);					
(315186.8, 3903531.5,	0.0,	0.0,	0.0);	(315187.6, 3903550.5,	0.0,
0.0, 0.0);					
(315185.1, 3903575.2,	0.0,	0.0,	0.0);	(315182.7, 3903605.8,	0.0,
0.0, 0.0);					
(315184.3, 3903632.0,	0.0,	0.0,	0.0);	(315184.3, 3903671.8,	0.0,
0.0, 0.0);					
(315171.9, 3903723.5,	0.0,	0.0,	0.0);	(315401.3, 3903469.0,	0.0,
0.0, 0.0);					
(315668.5, 3903535.2,	0.0,	0.0,	0.0);	(315647.9, 3903461.2,	0.0,
0.0, 0.0);					
(315684.4, 3903462.2,	0.0,	0.0,	0.0);	(315772.2, 3903480.5,	0.0,
0.0, 0.0);					
(315819.0, 3903459.0,	0.0,	0.0,	0.0);	(315916.7, 3903456.5,	0.0,
0.0, 0.0);					
(315998.4, 3903322.8,	0.0,	0.0,	0.0);	(317490.2, 3903466.0,	0.0,
0.0, 0.0);					
(317311.9, 3903395.5,	0.0,	0.0,	0.0);	(317341.6, 3903410.5,	0.0,
0.0, 0.0);					
(317341.6, 3903375.0,	0.0,	0.0,	0.0);	(317373.2, 3903412.2,	0.0,
0.0, 0.0);					
(317402.9, 3903375.0,	0.0,	0.0,	0.0);	(317401.1, 3903334.2,	0.0,
0.0, 0.0);					
(317395.5, 3903310.0,	0.0,	0.0,	0.0);	(317352.8, 3903245.0,	0.0,
0.0, 0.0);					
(317343.5, 3903284.0,	0.0,	0.0,	0.0);	(317408.5, 3903182.0,	0.0,

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0.0,      0.0);
( 317412.2, 3903096.5,      0.0,      0.0,      0.0); ( 317419.6, 3903048.2,      0.0,
0.0,      0.0);
( 317454.9, 3903048.2,      0.0,      0.0,      0.0); ( 317464.2, 3903185.8,      0.0,
0.0,      0.0);
( 317460.5, 3903287.8,      0.0,      0.0,      0.0); ( 317456.8, 3903336.0,      0.0,
0.0,      0.0);
( 317458.6, 3903377.0,      0.0,      0.0,      0.0); ( 317514.3, 3903403.0,      0.0,
0.0,      0.0);
*** AERMOD - VERSION 07026 ***      *** C:\Lakes\BFD\BFD.isc
***      06/04/09
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***      09:52:36
**MODELOPTs:
PAGE      5
CONC      DFAULT ELEV

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

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( 317549.6, 3903404.8,      0.0,      0.0,      0.0); ( 317594.2, 3903408.5,      0.0,
0.0,      0.0);
( 317625.8, 3903412.2,      0.0,      0.0,      0.0); ( 317627.7, 3903373.2,      0.0,
0.0,      0.0);
( 317633.2, 3903336.0,      0.0,      0.0,      0.0); ( 317653.7, 3903414.0,      0.0,
0.0,      0.0);
( 317657.4, 3903377.0,      0.0,      0.0,      0.0); ( 317657.4, 3903341.8,      0.0,
0.0,      0.0);
( 317683.4, 3903343.5,      0.0,      0.0,      0.0); ( 317687.1, 3903380.8,      0.0,
0.0,      0.0);
( 317687.1, 3903414.0,      0.0,      0.0,      0.0); ( 317640.7, 3903213.5,      0.0,
0.0,      0.0);
( 317642.5, 3903113.2,      0.0,      0.0,      0.0); ( 317806.6, 3903332.0,      0.0,
0.0,      0.0);
( 317810.9, 3903212.0,      0.0,      0.0,      0.0); ( 317800.0, 3903159.5,      0.0,
0.0,      0.0);
( 317808.8, 3903096.0,      0.0,      0.0,      0.0); ( 317821.9, 3903021.8,      0.0,
0.0,      0.0);
( 317830.6, 3902954.0,      0.0,      0.0,      0.0); ( 318385.4, 3903405.0,      0.0,
0.0,      0.0);
( 318758.0, 3903400.8,      0.0,      0.0,      0.0); ( 319017.6, 3903480.5,      0.0,
0.0,      0.0);
( 319017.6, 3903405.0,      0.0,      0.0,      0.0); ( 317832.9, 3902672.5,      0.0,
0.0,      0.0);
( 317904.0, 3902555.2,      0.0,      0.0,      0.0); ( 317707.3, 3902563.5,      0.0,
0.0,      0.0);
( 317673.8, 3902526.0,      0.0,      0.0,      0.0); ( 317698.9, 3902496.8,      0.0,
0.0,      0.0);
( 317703.1, 3902404.5,      0.0,      0.0,      0.0); ( 317703.1, 3902320.8,      0.0,
0.0,      0.0);
( 317791.0, 3902224.5,      0.0,      0.0,      0.0); ( 317699.2, 3901975.0,      0.0,
0.0,      0.0);
( 317699.2, 3901949.5,      0.0,      0.0,      0.0); ( 317714.9, 3901917.2,      0.0,
0.0,      0.0);
( 317700.1, 3901915.5,      0.0,      0.0,      0.0); ( 317684.4, 3901914.0,      0.0,
0.0,      0.0);
( 317665.4, 3901916.5,      0.0,      0.0,      0.0); ( 317472.2, 3901935.2,      0.0,
0.0,      0.0);
( 317775.8, 3901821.2,      0.0,      0.0,      0.0); ( 317972.7, 3901817.5,      0.0,
0.0,      0.0);
( 318132.7, 3901822.2,      0.0,      0.0,      0.0); ( 317792.0, 3901413.5,      0.0,
0.0,      0.0);
( 317841.8, 3901420.5,      0.0,      0.0,      0.0); ( 317895.2, 3901385.0,      0.0,
0.0,      0.0);
( 317788.4, 3901182.0,      0.0,      0.0,      0.0); ( 317820.4, 3901075.2,      0.0,
0.0,      0.0);
( 318130.1, 3901111.0,      0.0,      0.0,      0.0); ( 318457.5, 3901018.2,      0.0,
0.0,      0.0);
( 318557.2, 3900566.2,      0.0,      0.0,      0.0); ( 317927.2, 3900513.0,      0.0,
0.0,      0.0);
( 317859.6, 3900313.8,      0.0,      0.0,      0.0); ( 317802.6, 3900356.2,      0.0,
0.0,      0.0);
( 317788.4, 3900395.5,      0.0,      0.0,      0.0); ( 317795.5, 3900441.8,      0.0,
0.0,      0.0);
( 317771.5, 3900060.8,      0.0,      0.0,      0.0);

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*** AERMOD - VERSION 07026 ***      *** C:\Lakes\BFD\BFD.isc
***      06/04/09
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282.0	2.0													
04 01 01	1 09	23.8	0.576	0.497	0.005	186.	1003.	-724.5	0.78	4.30	0.35	3.60	217.	10.0
284.2	2.0													
04 01 01	1 10	101.1	0.371	1.191	0.005	603.	553.	-45.4	0.67	5.40	0.27	2.10	251.	10.0
283.8	2.0													
04 01 01	1 11	76.3	0.296	1.178	0.005	774.	373.	-30.6	0.32	9.60	0.31	2.10	324.	10.0
285.4	2.0													
04 01 01	1 12	87.2	0.279	1.283	0.005	876.	338.	-22.4	0.60	3.20	0.22	1.50	176.	10.0
285.9	2.0													
04 01 01	1 13	92.1	0.303	1.356	0.005	980.	384.	-27.3	0.78	4.30	0.22	1.50	193.	10.0
285.9	2.0													
04 01 01	1 14	81.0	0.395	1.328	0.005	1046.	571.	-68.7	0.86	5.20	0.24	2.10	129.	10.0
287.0	2.0													
04 01 01	1 15	53.2	-9.000	-9.000	-9.000	1088.	-999.	-99999.0	0.56	6.07	0.29	0.00	0.	10.0
287.0	2.0													
04 01 01	1 16	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.56	6.07	0.38	0.00	0.	10.0
286.4	2.0													
04 01 01	1 17	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.56	6.07	0.64	0.00	0.	10.0
285.9	2.0													
04 01 01	1 18	-32.2	0.577	-9.000	-9.000	-999.	1009.	540.1	0.32	9.30	1.00	5.10	7.	10.0
285.9	2.0													
04 01 01	1 19	-11.1	0.199	-9.000	-9.000	-999.	399.	64.2	0.32	9.30	1.00	2.10	14.	10.0
285.9	2.0													
04 01 01	1 20	-11.1	0.199	-9.000	-9.000	-999.	209.	64.0	0.32	9.30	1.00	2.10	7.	10.0
285.4	2.0													
04 01 01	1 21	-18.7	0.333	-9.000	-9.000	-999.	443.	178.9	0.32	9.30	1.00	3.10	20.	10.0
284.2	2.0													
04 01 01	1 22	-18.7	0.333	-9.000	-9.000	-999.	443.	179.4	0.32	9.30	1.00	3.10	22.	10.0
284.9	2.0													
04 01 01	1 23	-28.9	0.517	-9.000	-9.000	-999.	856.	432.8	0.32	9.30	1.00	4.60	10.	10.0
285.4	2.0													
04 01 01	1 24	-36.4	0.649	-9.000	-9.000	-999.	1200.	677.8	0.32	9.30	1.00	5.70	30.	10.0
284.2	2.0													

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB	TMP	sigmaA	sigmaW	sigmaV
04	01	01	01	10.0	1	111.	1.50	281.0	99.0	-99.00	-99.00	

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

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 *** 06/04/09 ***

*** 09:52:36

**MODELOPTs:

PAGE 8

CONC

DFAULT ELEV

*** THE PERIOD (8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

PAREA1 ***

INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF OTHER			IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC			
2.06948	317696.16	3901282.75	3.38147	317698.62	3900882.75			
1.65454	317674.81	3900897.50	2.17954	317686.91	3900639.75			
1.24185	317704.38	3900404.00	1.29326	317704.38	3900360.25			
2.04695	316942.72	3900684.75	2.89220	316935.62	3900482.00			
1.64688	316928.50	3900432.25	1.90316	316882.28	3900329.00			
1.06796	316969.66	3900050.50	1.21780	316674.44	3899993.50			
1.10670	316646.00	3900043.00	1.09667	316603.38	3900087.50			
1.14502	316666.38	3900244.50	1.35726	316532.62	3900191.25			
0.89630	316533.59	3900143.75	1.09700	316461.88	3899981.00			
0.97370	316357.19	3900022.75	0.84720	316425.03	3900122.50			
0.83132	316178.19	3900121.75	0.78017	316156.09	3900243.25			

1.07490	316315.47	3900248.00	0.97072	316470.12	3900188.00
1.07057	316448.03	3900330.25	1.19656	316343.88	3900331.75
0.88207	316246.03	3900331.75	0.96648	316154.50	3900331.75
1.26918	316246.03	3900398.00	1.01731	316440.16	3900401.25
1.36286	316370.72	3900626.75	1.45451	316317.06	3900634.75
1.19812	316263.41	3900637.75	1.27368	316216.06	3900636.25
1.01069	316143.47	3900633.25	1.09528	316143.47	3900536.75
1.52181	316328.09	3900693.00	1.47062	316317.06	3900737.25
1.16703	316242.88	3900702.50	1.32345	316154.50	3900686.75
1.68126	316152.94	3900742.00	1.23460	316141.88	3900983.50
1.88201	316271.28	3900929.75	1.86725	316318.62	3900890.25
1.92746	316342.31	3900931.50	2.09647	316377.03	3900846.25
1.16688	316056.66	3901002.50	1.53798	316053.50	3900791.00
0.76674	316061.41	3900388.50	0.83443	316060.09	3900254.00
0.28006	316060.09	3900048.50	0.67667	315031.75	3903412.75
0.27360	315039.19	3903323.00	0.30244	315143.94	3903476.50
0.26965	315184.31	3903474.00	0.27709	315185.94	3903506.00
0.25984	315186.78	3903531.50	0.26394	315187.59	3903550.50
0.24811	315185.12	3903575.25	0.25444	315182.66	3903605.75
0.23570	315184.31	3903632.00	0.24309	315184.31	3903671.75
0.29360	315171.94	3903723.50	0.22604	315401.31	3903469.00
0.30585	315668.47	3903535.25	0.28041	315647.94	3903461.25
0.29560	315684.41	3903462.25	0.30533	315772.25	3903480.50
0.29395	315819.00	3903459.00	0.30125	315916.69	3903456.50
0.07477	315998.41	3903322.75	0.35007	317490.22	3903466.00
0.08733	317311.91	3903395.50	0.09086	317341.62	3903410.50
0.08518	317341.62	3903375.00	0.09078	317373.19	3903412.25
0.09104	317402.91	3903375.00	0.08689	317401.06	3903334.25
0.10483	317395.50	3903310.00	0.09396	317352.78	3903245.00

*** AERMOD - VERSION 07026 ***
 *** 06/04/09 ***

*** 09:52:36

**MODELOPTs:

PAGE 9

CONC

DFAULT ELEV

*** THE PERIOD (8784 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

PAREA1 ***

INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

	X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
0.10900	317343.50	3903284.00	0.10067	317408.50	3903182.00	
0.13095	317412.22	3903096.50	0.12240	317419.62	3903048.25	

0.10431	317454.91	3903048.25	0.12754	317464.22	3903185.75
0.08760	317460.50	3903287.75	0.09231	317456.78	3903336.00
0.07862	317458.62	3903377.00	0.08365	317514.34	3903403.00
0.07437	317549.62	3903404.75	0.07678	317594.22	3903408.50
0.07542	317625.78	3903412.25	0.07262	317627.66	3903373.25
0.07121	317633.22	3903336.00	0.07807	317653.66	3903414.00
0.07636	317657.38	3903377.00	0.07368	317657.38	3903341.75
0.07200	317683.38	3903343.50	0.07492	317687.09	3903380.75
0.08911	317687.09	3903414.00	0.06972	317640.66	3903213.50
0.07045	317642.50	3903113.25	0.10134	317806.59	3903332.00
0.08643	317810.94	3903212.00	0.08047	317800.03	3903159.50
0.10308	317808.78	3903096.00	0.09365	317821.88	3903021.75
0.05391	317830.62	3902954.00	0.11278	318385.44	3903405.00
0.04489	318758.03	3903400.75	0.05064	319017.56	3903480.50
0.16850	319017.56	3903405.00	0.04758	317832.88	3902672.50
0.22861	317904.03	3902555.25	0.19080	317707.28	3902563.50
0.26150	317673.81	3902526.00	0.25558	317698.91	3902496.75
0.36668	317703.12	3902404.50	0.30988	317703.12	3902320.75
0.83979	317791.03	3902224.50	0.39329	317699.22	3901975.00
0.99838	317699.22	3901949.50	0.91886	317714.88	3901917.25
1.13515	317700.06	3901915.50	1.06129	317684.41	3901914.00
2.04650	317665.44	3901916.50	1.20370	317472.25	3901935.25
0.73965	317775.84	3901821.25	1.49731	317972.72	3901817.50
3.40326	318132.72	3901822.25	0.54034	317791.97	3901413.50
2.07441	317841.78	3901420.50	2.62704	317895.19	3901385.00
1.96397	317788.41	3901182.00	2.31677	317820.44	3901075.25
0.67019	318130.09	3901111.00	1.12381	318457.53	3901018.25
1.12805	318557.19	3900566.25	0.60413	317927.22	3900513.00
1.13226	317859.59	3900313.75	1.03908	317802.62	3900356.25
1.22434	317788.41	3900395.50	1.18586	317795.53	3900441.75
	317771.47	3900060.75	0.91250		

□ *** AERMOD - VERSION 07026 *** *** C:\Lakes\BFD\BFD.isc
 *** 06/04/09

*** 09:52:36

**MODELOPTs:

PAGE 10

CONC

DEFAULT ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

PAREA1 ***

INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

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

317696.16	3901282.75	67.05848	(04022722)	317698.62	3900882.75
49.06967 (04071622)					
317674.81	3900897.50	50.25299	(04071622)	317686.91	3900639.75
51.83114 (04010807)					
317704.38	3900404.00	46.87355	(04111422)	317704.38	3900360.25
45.93631 (04051023)					
316942.72	3900684.75	185.42386	(04012306)	316935.62	3900482.00
145.56024 (04012306)					
316928.50	3900432.25	137.44945	(04012306)	316882.28	3900329.00
129.26727 (04012306)					
316969.66	3900050.50	58.85913	(04012306)	316674.44	3899993.50
118.39774 (04012306)					
316646.00	3900043.00	126.41941	(04012306)	316603.38	3900087.50
134.64320 (04012306)					
316666.38	3900244.50	145.84407	(04012306)	316532.62	3900191.25
149.79890 (04012306)					
316533.59	3900143.75	145.12180	(04012306)	316461.88	3899981.00
134.70451 (04012306)					
316357.19	3900022.75	140.80975	(04012306)	316425.03	3900122.50
147.43427 (04012306)					
316178.19	3900121.75	129.42134	(04012306)	316156.09	3900243.25
127.54243 (04012306)					
316315.47	3900248.00	150.11198	(04012306)	316470.12	3900188.00
151.96730 (04012306)					
316448.03	3900330.25	165.28482	(04012306)	316343.88	3900331.75
156.66571 (04012306)					
316246.03	3900331.75	140.17262	(04012306)	316154.50	3900331.75
128.54036 (04012306)					
316246.03	3900398.00	140.76434	(04012306)	316440.16	3900401.25
171.46271 (04012306)					
316370.72	3900626.75	166.94237	(04012306)	316317.06	3900634.75
156.26718 (04012306)					
316263.41	3900637.75	148.49503	(04012306)	316216.06	3900636.25
142.32640 (04012306)					
316143.47	3900633.25	131.77921	(04012306)	316143.47	3900536.75
130.80795 (04012306)					
316328.09	3900693.00	159.88033	(04012306)	316317.06	3900737.25
159.77115 (04012306)					
316242.88	3900702.50	147.87860	(04012306)	316154.50	3900686.75
133.88635 (04012306)					
316152.94	3900742.00	133.57700	(04012306)	316141.88	3900983.50
125.05724 (04012306)					
316271.28	3900929.75	159.48318	(04012306)	316318.62	3900890.25
167.05574 (04012306)					
316342.31	3900931.50	173.48779	(04012306)	316377.03	3900846.25
175.21591 (04012306)					
316056.66	3901002.50	100.06639	(04121105)	316053.50	3900791.00
109.20141 (04012306)					
316061.41	3900388.50	118.90524	(04012306)	316060.09	3900254.00
117.87550 (04012306)					
316060.09	3900048.50	116.03131	(04012306)	315031.75	3903412.75
17.50526 (04032202)					
315039.19	3903323.00	17.64437	(04092206)	315143.94	3903476.50
21.03958 (04032202)					
315184.31	3903474.00	21.90301	(04032202)	315185.94	3903506.00
22.28698 (04032202)					
315186.78	3903531.50	22.53677	(04032202)	315187.59	3903550.50
22.69238 (04032202)					
315185.12	3903575.25	22.79140	(04032202)	315182.66	3903605.75
22.85717 (04032202)					
315184.31	3903632.00	22.89081	(04032202)	315184.31	3903671.75
22.81992 (04010321)					
315171.94	3903723.50	22.78602	(04010321)	315401.31	3903469.00
25.77612 (04010321)					
315668.47	3903535.25	28.72787	(04022422)	315647.94	3903461.25
28.54581 (04051404)					
315684.41	3903462.25	29.15155	(04022422)	315772.25	3903480.50
30.75902 (04021724)					
315819.00	3903459.00	31.26986	(04021724)	315916.69	3903456.50
32.11612 (04020707)					
315998.41	3903322.75	39.89466	(04041406)	317490.22	3903466.00
15.80496 (04112806)					
317311.91	3903395.50	17.29998	(04091605)	317341.62	3903410.50
16.85498 (04112806)					
317341.62	3903375.00	16.97297	(04112806)	317373.19	3903412.25
16.58209 (04112806)					
317402.91	3903375.00	16.58787	(04112806)	317401.06	3903334.25
16.81124 (04112806)					
317395.50	3903310.00	16.96709	(04112806)	317352.78	3903245.00
17.50396 (04112806)					

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*** C:\Lakes\BFD\BFD.isc

*** 06/04/09

*** 09:52:36

**MODELOPTs:

PAGE 11

CONC

DFAULT ELEV

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

PAREAl ***

INCLUDING SOURCE(S): PAREAl ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

CONC	X-COORD (M) (YYMMDDHH)	Y-COORD (M) (YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)
17.78712	317343.50	3903284.00	17.34403	(04112806)	317408.50	3903182.00
18.86148	317412.22	3903096.50	18.46258	(04112806)	317419.62	3903048.25
17.59883	317454.91	3903048.25	18.69943	(04112806)	317464.22	3903185.75
16.63220	317460.50	3903287.75	16.92030	(04112806)	317456.78	3903336.00
16.03087	317458.62	3903377.00	16.38771	(04112806)	317514.34	3903403.00
15.50996	317549.62	3903404.75	15.82044	(04112806)	317594.22	3903408.50
15.69750	317625.78	3903412.25	15.46507	(04091605)	317627.66	3903373.25
15.40860	317633.22	3903336.00	15.91520	(04091605)	317653.66	3903414.00
15.80870	317657.38	3903377.00	15.60871	(04091605)	317657.38	3903341.75
15.50520	317683.38	3903343.50	15.77786	(04073002)	317687.09	3903380.75
16.75726	317687.09	3903414.00	15.30661	(04091605)	317640.66	3903213.50
15.60846	317642.50	3903113.25	17.64351	(04073002)	317806.59	3903332.00
16.25172	317810.94	3903212.00	15.98667	(04073002)	317800.03	3903159.50
16.33971	317808.78	3903096.00	16.23883	(04073002)	317821.88	3903021.75
12.54936	317830.62	3902954.00	17.08121	(04111904)	318385.44	3903405.00
11.85349	318758.03	3903400.75	12.91121	(04052101)	319017.56	3903480.50
19.05763	319017.56	3903405.00	12.27316	(04101606)	317832.88	3902672.50
21.11581	317904.03	3902555.25	20.74005	(04052101)	317707.28	3902563.50
22.55419	317673.81	3902526.00	21.92442	(04011318)	317698.91	3902496.75
25.53262	317703.12	3902404.50	24.41996	(04052101)	317703.12	3902320.75
38.67277	317791.03	3902224.50	26.20158	(04101606)	317699.22	3901975.00
44.97937	317699.22	3901949.50	41.13860	(04101606)	317714.88	3901917.25
45.42647	317700.06	3901915.50	45.19202	(04101606)	317684.41	3901914.00
49.93422	317665.44	3901916.50	45.06313	(04101606)	317472.25	3901935.25
43.51679	317775.84	3901821.25	66.43854	(04022707)	317972.72	3901817.50
80.25289	318132.72	3901822.25	36.06110	(04041204)	317791.97	3901413.50
64.09260	317841.78	3901420.50	70.75777	(04040806)	317895.19	3901385.00
52.28397	317788.41	3901182.00	58.41373	(04022722)	317820.44	3901075.25
36.89921	318130.09	3901111.00	47.15269	(04120903)	318457.53	3901018.25
40.26617	318557.19	3900566.25	31.30980	(04022722)	317927.22	3900513.00
44.47948	317859.59	3900313.75	43.16773	(04010807)	317802.62	3900356.25

317788.41 3900395.50 45.55697 99HRA.ADO (04010807) 317795.53 3900441.75
 46.25569 (04010807)
 317771.47 3900060.75 41.26128 (04051023)

*** AERMOD - VERSION 07026 *** *** C:\Lakes\BFD\BFD.isc
 *** 06/04/09 ***

*** 09:52:36

**MODELOPTs:

PAGE 12

CONC

DFAULT ELEV

*** THE 1ST HIGHEST 4-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
 PAREA1 ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

28.67821	317696.16 3901282.75	39.62574	(04022724)	317698.62	3900882.75
	(04022724)				
26.52022c	317674.81 3900897.50	29.51444	(04022724)	317686.91	3900639.75
	(04011624)				
24.86251	317704.38 3900404.00	24.57008	(04051024)	317704.38	3900360.25
	(04051024)				
48.52008c	316942.72 3900684.75	61.80795c	(04012308)	316935.62	3900482.00
	(04012308)				
43.08909c	316928.50 3900432.25	45.81648c	(04012308)	316882.28	3900329.00
	(04012308)				
39.46592c	316969.66 3900050.50	23.98306	(04032624)	316674.44	3899993.50
	(04012308)				
44.88107c	316646.00 3900043.00	42.13980c	(04012308)	316603.38	3900087.50
	(04012308)				
49.93297c	316666.38 3900244.50	48.61469c	(04012308)	316532.62	3900191.25
	(04012308)				
44.90150c	316533.59 3900143.75	48.37393c	(04012308)	316461.88	3899981.00
	(04012308)				
49.14476c	316357.19 3900022.75	46.93658c	(04012308)	316425.03	3900122.50
	(04012308)				
42.51414c	316178.19 3900121.75	43.14045c	(04012308)	316156.09	3900243.25
	(04012308)				
50.65577c	316315.47 3900248.00	50.03733c	(04012308)	316470.12	3900188.00
	(04012308)				
52.22190c	316448.03 3900330.25	55.09494c	(04012308)	316343.88	3900331.75
	(04012308)				
42.84679c	316246.03 3900331.75	46.72421c	(04012308)	316154.50	3900331.75
	(04012308)				
57.15424c	316246.03 3900398.00	46.92145c	(04012308)	316440.16	3900401.25
	(04012308)				
52.08906c	316370.72 3900626.75	55.64746c	(04012308)	316317.06	3900634.75
	(04012308)				
47.44213c	316263.41 3900637.75	49.49834c	(04012308)	316216.06	3900636.25
	(04012308)				
43.60265c	316143.47 3900633.25	43.92640c	(04012308)	316143.47	3900536.75
	(04012308)				
53.25726c	316328.09 3900693.00	53.29344c	(04012308)	316317.06	3900737.25
	(04012308)				
44.62888c	316242.88 3900702.50	49.29293c	(04012308)	316154.50	3900686.75
	(04012308)				
43.46330c	316152.94 3900742.00	44.52703c	(04012308)	316141.88	3900983.50
	(04012308)				
55.79608c	316271.28 3900929.75	53.58681c	(04012308)	316318.62	3900890.25
	(04012308)				
58.42213c	316342.31 3900931.50	58.19576c	(04012308)	316377.03	3900846.25
	(04012308)				
36.41578c	316056.66 3901002.50	35.30388c	(04012308)	316053.50	3900791.00
	(04012308)				
39.29183c	316061.41 3900388.50	39.63508c	(04012308)	316060.09	3900254.00
	(04012308)				
11.46465	316060.09 3900048.50	38.67710c	(04012308)	315031.75	3903412.75
	(04101104)				
11.18837	315039.19 3903323.00	11.73660	(04101104)	315143.94	3903476.50
	(04101104)				
10.80088	315184.31 3903474.00	11.17911	(04101104)	315185.94	3903506.00
	(04101104)				
	315186.78 3903531.50	10.48623	(04101104)	315187.59	3903550.50

10.24554 (04101104)	315185.12 3903575.25	9.93955 (04101104)	315182.66 3903605.75
9.55841 (04101104)	315184.31 3903632.00	9.21258 (04101104)	315184.31 3903671.75
8.86993c (04113008)	315171.94 3903723.50	8.69204c (04113008)	315401.31 3903469.00
10.97727c (04113008)	315668.47 3903535.25	12.10225c (04092204)	315647.94 3903461.25
12.50267c (04113008)	315684.41 3903462.25	12.50752c (04113008)	315772.25 3903480.50
13.04438c (04092204)	315819.00 3903459.00	13.31337c (04092204)	315916.69 3903456.50
12.84368c (04092204)	315998.41 3903322.75	14.23515c (04092204)	317490.22 3903466.00
5.12929c (04062204)	317311.91 3903395.50	5.91277b (04011120)	317341.62 3903410.50
5.74006b (04011120)	317341.62 3903375.00	5.78842b (04011120)	317373.19 3903412.25
5.58176b (04011120)	317402.91 3903375.00	5.48930b (04011120)	317401.06 3903334.25
5.55606b (04011120)	317395.50 3903310.00	5.61891b (04011120)	317352.78 3903245.00
5.92981 (04111904)			
*** AERMOD - VERSION 07026 ***	*** C:\Lakes\BFD\BFD.isc		
*** 06/04/09	***		

*** 09:52:36

**MODELOPTs:

PAGE 13

CONC

DFAULT ELEV

*** THE 1ST HIGHEST 4-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

PAREA1 ***

INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

CONC	X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)
5.82987c (04062204)	317343.50	3903284.00	5.91084b (04011120)	317408.50	3903182.00
6.14271c (04062204)	317412.22	3903096.50	6.03362c (04062204)	317419.62	3903048.25
5.69472c (04062204)	317454.91	3903048.25	6.07051c (04091608)	317464.22	3903185.75
5.41971c (04062204)	317460.50	3903287.75	5.50207c (04062204)	317456.78	3903336.00
5.19191c (04091608)	317458.62	3903377.00	5.34224c (04062204)	317514.34	3903403.00
5.16999c (04091608)	317549.62	3903404.75	5.18061c (04091608)	317594.22	3903408.50
5.23250c (04091608)	317625.78	3903412.25	5.15502c (04091608)	317627.66	3903373.25
5.13620c (04091608)	317633.22	3903336.00	5.30507c (04091608)	317653.66	3903414.00
5.26957c (04091608)	317657.38	3903377.00	5.20290c (04091608)	317657.38	3903341.75
5.16840c (04073004)	317683.38	3903343.50	5.25929c (04073004)	317687.09	3903380.75
5.58575c (04073004)	317687.09	3903414.00	5.10220c (04091608)	317640.66	3903213.50
5.20282c (04073004)	317642.50	3903113.25	5.88117c (04073004)	317806.59	3903332.00
5.72718c (04011320)	317810.94	3903212.00	5.32889c (04073004)	317800.03	3903159.50
7.69021c (04011320)	317808.78	3903096.00	6.58338c (04011320)	317821.88	3903021.75
5.16412c (04011320)	317830.62	3902954.00	8.60511c (04011320)	318385.44	3903405.00
3.92895c (04101608)	318758.03	3903400.75	4.24238c (04011708)	319017.56	3903480.50
10.10562c (04011320)	319017.56	3903405.00	4.09105c (04101608)	317832.88	3902672.50
11.16390c (04011320)	317904.03	3902555.25	9.87050c (04011320)	317707.28	3902563.50
11.36020c (04011320)	317673.81	3902526.00	11.51626c (04011320)	317698.91	3902496.75

317703.12 3902404.50	11.67056c (04011320)	317703.12 3902320.75
12.59793c (04011320)		
317791.03 3902224.50	14.34907c (04011320)	317699.22 3901975.00
20.31260c (04011320)		
317699.22 3901949.50	21.53967c (04011320)	317714.88 3901917.25
23.59827c (04011320)		
317700.06 3901915.50	23.89894c (04011320)	317684.41 3901914.00
24.18678c (04011320)		
317665.44 3901916.50	24.14881c (04011320)	317472.25 3901935.25
24.63340c (04011320)		
317775.84 3901821.25	28.84301c (04011320)	317972.72 3901817.50
15.40519c (04012020)		
318132.72 3901822.25	12.27950c (04071704)	317791.97 3901413.50
51.06163m (04032820)		
317841.78 3901420.50	44.54590c (04091904)	317895.19 3901385.00
39.74644c (04091904)		
317788.41 3901182.00	33.23765 (04022724)	317820.44 3901075.25
29.72538 (04022724)		
318130.09 3901111.00	29.54333m (04032820)	318457.53 3901018.25
21.70072c (04091904)		
318557.19 3900566.25	18.71605m (04032820)	317927.22 3900513.00
21.86220 (04022724)		
317859.59 3900313.75	20.70430c (04011624)	317802.62 3900356.25
21.82520c (04011624)		
317788.41 3900395.50	22.41535c (04011624)	317795.53 3900441.75
22.71071c (04011624)		
317771.47 3900060.75	22.91819 (04051024)	

□ *** AERMOD - VERSION 07026 *** *** C:\Lakes\BFD\BFD.isc
 *** 06/04/09 ***

*** 09:52:36
 **MODELOPTS:

PAGE 14
 CONC

DEFAULT ELEV

*** THE 1ST HIGHEST 6-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

PAREA1 ***

INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

CONC	X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)
22.78989	317696.16	3901282.75	32.70948	(04022724)	317698.62	3900882.75
19.72244	(04022724)		23.49654	(04022724)	317686.91	3900639.75
17.67466	317674.81	3900897.50	17.50079	(04051024)	317704.38	3900360.25
29.11205c	(04022724)		37.08477c	(04012306)	316935.62	3900482.00
25.85345c	317704.38	3900404.00	27.52628c	(04032624)	316882.28	3900329.00
23.67955c	(04051024)		19.18644c	(04032624)	316674.44	3899993.50
26.92864c	316942.72	3900684.75	25.28388c	(04012306)	316603.38	3900087.50
31.33314c	(04012306)		29.16881c	(04012306)	316532.62	3900191.25
25.70807c	316646.00	3900043.00	29.02436c	(04012306)	316461.88	3899981.00
34.29254c	(04012306)		28.16195c	(04012306)	316425.03	3900122.50
31.25345c	316666.38	3900244.50	25.88427c	(04012306)	316156.09	3900243.25
	(04012306)		30.02240c	(04012306)	316470.12	3900188.00
	316315.47	3900248.00	33.05696c	(04012306)	316343.88	3900331.75
	(04012306)		28.03452c	(04012306)	316154.50	3900331.75
	316448.03	3900330.25	28.15287c	(04012306)	316440.16	3900401.25
	(04012306)		33.38848c	(04012306)	316317.06	3900634.75
	316246.03	3900331.75	29.69904c	(04012306)	316216.06	3900636.25
	(04012306)					
	316246.03	3900398.00				
	(04012306)					
	316370.72	3900626.75				
	(04012306)					
	316263.41	3900637.75				

28.46532c (04012306)	316143.47	3900633.25	26.35589c (04012306)	316143.47	3900536.75
26.16160c (04012306)	316328.09	3900693.00	31.97614c (04012306)	316317.06	3900737.25
31.95445c (04012306)	316242.88	3900702.50	29.57586c (04012306)	316154.50	3900686.75
26.77742c (04012306)	316152.94	3900742.00	26.71581c (04012306)	316141.88	3900983.50
25.02719c (04012306)	316271.28	3900929.75	31.90491c (04012306)	316318.62	3900890.25
33.41529c (04012306)	316342.31	3900931.50	34.70594c (04012306)	316377.03	3900846.25
35.04480c (04012306)	316056.66	3901002.50	20.01360c (04121106)	316053.50	3900791.00
21.84143c (04012306)	316061.41	3900388.50	23.78105c (04012306)	316060.09	3900254.00
23.57510c (04012306)	316060.09	3900048.50	23.20626c (04012306)	315031.75	3903412.75
9.17172c (04101106)	315039.19	3903323.00	9.38928c (04101106)	315143.94	3903476.50
8.95070c (04101106)	315184.31	3903474.00	8.94329c (04101106)	315185.94	3903506.00
8.64070c (04101106)	315186.78	3903531.50	8.38899c (04101106)	315187.59	3903550.50
8.19644c (04101106)	315185.12	3903575.25	7.95164c (04101106)	315182.66	3903605.75
7.64673c (04101106)	315184.31	3903632.00	7.37006c (04101106)	315184.31	3903671.75
7.16709c (04051406)	315171.94	3903723.50	7.35222c (04051406)	315401.31	3903469.00
8.51793c (04051406)	315668.47	3903535.25	10.44421c (04051406)	315647.94	3903461.25
10.91950c (04051406)	315684.41	3903462.25	10.97638c (04051406)	315772.25	3903480.50
10.43875c (04051406)	315819.00	3903459.00	10.30316c (04051406)	315916.69	3903456.50
9.10851c (04051406)	315998.41	3903322.75	10.28055c (04051406)	317490.22	3903466.00
3.16099c (04112806)	317311.91	3903395.50	3.55393 (04111906)	317341.62	3903410.50
3.46619 (04111906)	317341.62	3903375.00	3.59790 (04111906)	317373.19	3903412.25
3.41205 (04111906)	317402.91	3903375.00	3.44548 (04111906)	317401.06	3903334.25
3.54785 (04111906)	317395.50	3903310.00	3.62242 (04111906)	317352.78	3903245.00

3.95321 (04111906)
 *** AERMOD - VERSION 07026 *** *** C:\Lakes\BFD\BFD.isc
 *** 06/04/09 ***

*** 09:52:36

**MODELOPTs:

PAGE 15

CONC

DFAULT ELEV

*** THE 1ST HIGHEST 6-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

PAREAl ***

INCLUDING SOURCE(S): PAREAl ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M) Y-COORD (M)		CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)
CONC	(YYMMDDHH)				
3.75603 (04111906)	317412.22	3903096.50	3.82426 (04111906)	317419.62	3903048.25
3.83497 (04111906)	317454.91	3903048.25	3.73989c (04112806)	317464.22	3903185.75
3.51977c (04112806)	317460.50	3903287.75	3.38406c (04112806)	317456.78	3903336.00
3.32644c (04112806)	317458.62	3903377.00	3.27754c (04112806)	317514.34	3903403.00
3.20617c (04112806)	317549.62	3903404.75	3.16409c (04112806)	317594.22	3903408.50
3.10199c (04091606)	317625.78	3903412.25	3.09301c (04091606)	317627.66	3903373.25
3.13950c (04091606)					

317633.22	3903336.00	3.18304c (04091606)	317653.66	3903414.00
3.08172c (04091606)				
317657.38	3903377.00	3.12174c (04091606)	317657.38	3903341.75
3.16174c (04091606)				
317683.38	3903343.50	3.15557c (04073006)	317687.09	3903380.75
3.10104c (04073006)				
317687.09	3903414.00	3.06132c (04091606)	317640.66	3903213.50
3.35145c (04073006)				
317642.50	3903113.25	3.52870c (04073006)	317806.59	3903332.00
3.12169c (04073006)				
317810.94	3903212.00	3.19733c (04073006)	317800.03	3903159.50
3.25034c (04073006)				
317808.78	3903096.00	3.31320c (04010218)	317821.88	3903021.75
3.63389b (04011318)				
317830.62	3902954.00	3.91157b (04011318)	318385.44	3903405.00
2.78251b (04011318)				
318758.03	3903400.75	2.64429c (04010218)	319017.56	3903480.50
2.46050c (04010218)				
319017.56	3903405.00	2.52935c (04010218)	317832.88	3902672.50
4.50644b (04011318)				
317904.03	3902555.25	5.20447c (04011706)	317707.28	3902563.50
5.26416c (04011706)				
317673.81	3902526.00	5.56965c (04011706)	317698.91	3902496.75
5.78166c (04011706)				
317703.12	3902404.50	6.29727c (04011706)	317703.12	3902320.75
6.70138c (04010218)				
317791.03	3902224.50	8.01479c (04020406)	317699.22	3901975.00
13.68860c (04020406)				
317699.22	3901949.50	14.74505c (04020406)	317714.88	3901917.25
16.59270c (04020406)				
317700.06	3901915.50	16.71942c (04020406)	317684.41	3901914.00
16.83908c (04020406)				
317665.44	3901916.50	16.68901c (04020406)	317472.25	3901935.25
18.60886c (04020406)				
317775.84	3901821.25	24.55857c (04020406)	317972.72	3901817.50
16.10439c (04020406)				
318132.72	3901822.25	12.76910c (04020406)	317791.97	3901413.50
31.63491 (04022724)				
317841.78	3901420.50	29.19151c (04111724)	317895.19	3901385.00
25.59102c (04111724)				
317788.41	3901182.00	26.35031 (04022724)	317820.44	3901075.25
23.20824 (04022724)				
318130.09	3901111.00	17.72598c (04032824)	318457.53	3901018.25
13.02211c (04091906)				
318557.19	3900566.25	11.22963c (04032824)	317927.22	3900513.00
15.97934 (04022724)				
317859.59	3900313.75	13.24454 (04051024)	317802.62	3900356.25
14.62956 (04051024)				
317788.41	3900395.50	14.75752 (04051024)	317795.53	3900441.75
15.34811 (04022724)				
317771.47	3900060.75	16.18119 (04051024)		

□ *** AERMOD - VERSION 07026 ***
 *** 06/04/09

*** C:\Lakes\BFD\BFD.isc

*** 09:52:36

**MODELOPTS:

PAGE 16

CONC

DFAULT ELEV

*** THE 1ST HIGHEST MONTH AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

PAREAL ***

INCLUDING SOURCE(S): PAREAL ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

CONC	X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD (M)
317696.16	3901282.75	4.28590b (04083124)	317698.62	3900882.75	
2.74816b (04083124)					
317674.81	3900897.50	2.88092b (04083124)	317686.91	3900639.75	
2.20009b (04073124)					
317704.38	3900404.00	1.84180b (04073124)	317704.38	3900360.25	
1.78588b (04073124)					
316942.72	3900684.75	3.40551b (04053124)	316935.62	3900482.00	
2.47857b (04053124)					
316928.50	3900432.25	2.31045b (04053124)	316882.28	3900329.00	

1.98797b (04053124)	316969.66	3900050.50	1.55677b (04053124)	316674.44	3899993.50
1.20319b (04053124)	316646.00	3900043.00	1.22666b (04113024)	316603.38	3900087.50
1.27940b (04113024)	316666.38	3900244.50	1.52448b (04113024)	316532.62	3900191.25
1.40357b (04113024)	316533.59	3900143.75	1.33661b (04113024)	316461.88	3899981.00
1.11080b (04113024)	316357.19	3900022.75	1.09559b (04113024)	316425.03	3900122.50
1.24456b (04113024)	316178.19	3900121.75	1.11743b (04013124)	316156.09	3900243.25
1.21313b (04013124)	316315.47	3900248.00	1.31053b (04013124)	316470.12	3900188.00
1.35804b (04113024)	316448.03	3900330.25	1.53805b (04113024)	316343.88	3900331.75
1.43546b (04013124)	316246.03	3900331.75	1.36378b (04013124)	316154.50	3900331.75
1.28776b (04013124)	316246.03	3900398.00	1.43542b (04013124)	316440.16	3900401.25
1.64771b (04113024)	316370.72	3900626.75	2.08135b (04113024)	316317.06	3900634.75
2.01654b (04113024)	316263.41	3900637.75	1.93583b (04113024)	316216.06	3900636.25
1.85564b (04113024)	316143.47	3900633.25	1.73797b (04113024)	316143.47	3900536.75
1.54599b (04113024)	316328.09	3900693.00	2.21827b (04113024)	316317.06	3900737.25
2.35188b (04113024)	316242.88	3900702.50	2.08282b (04113024)	316154.50	3900686.75
1.88189b (04113024)	316152.94	3900742.00	2.02669b (04113024)	316141.88	3900983.50
2.76187b (04113024)	316271.28	3900929.75	3.04930b (04113024)	316318.62	3900890.25
3.04259b (04113024)	316342.31	3900931.50	3.37350b (04113024)	316377.03	3900846.25
3.01511b (04113024)	316056.66	3901002.50	2.54245b (04113024)	316053.50	3900791.00
1.97455b (04113024)	316061.41	3900388.50	1.24430b (04113024)	316060.09	3900254.00
1.15278b (04013124)	316060.09	3900048.50	1.01126b (04013124)	315031.75	3903412.75
0.51143b (04033124)	315039.19	3903323.00	0.54208b (04033124)	315143.94	3903476.50
0.50682b (04033124)	315184.31	3903474.00	0.51291b (04033124)	315185.94	3903506.00
0.50069b (04033124)	315186.78	3903531.50	0.49103b (04033124)	315187.59	3903550.50
0.48391b (04033124)	315185.12	3903575.25	0.47443b (04033124)	315182.66	3903605.75
0.46298b (04033124)	315184.31	3903632.00	0.45342b (04033124)	315184.31	3903671.75
0.43882b (04033124)	315171.94	3903723.50	0.41975b (04033124)	315401.31	3903469.00
0.53555b (04033124)	315668.47	3903535.25	0.46509b (04033124)	315647.94	3903461.25
0.52461b (04033124)	315684.41	3903462.25	0.51622b (04033124)	315772.25	3903480.50
0.47799b (04033124)	315819.00	3903459.00	0.48014b (04033124)	315916.69	3903456.50
0.47305b (04113024)	315998.41	3903322.75	0.55748b (04113024)	317490.22	3903466.00
0.19025b (04013124)	317311.91	3903395.50	0.21137b (04013124)	317341.62	3903410.50
0.20657b (04013124)	317341.62	3903375.00	0.21582b (04013124)	317373.19	3903412.25
0.20526b (04013124)	317402.91	3903375.00	0.21363b (04013124)	317401.06	3903334.25
0.22446b (04013124)	317395.50	3903310.00	0.23152b (04013124)	317352.78	3903245.00
0.25442b (04013124)					
*** AERMOD - VERSION 07026 ***			*** C:\Lakes\BFD\BFD.isc		
*** 06/04/09			***		
*** 09:52:36					
**MODELOPTs:					
PAGE 17					
CONC		DEFAULT ELEV			

*** THE 1ST HIGHEST MONTH AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

PAREAL ***

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF OTHER		IN MICROGRAMS/M**3				**			
X-COORD (M)		Y-COORD (M)		CONC		(YYMMDDHH)		X-COORD (M)		Y-COORD (M)	
CONC		(YYMMDDHH)									

317343.50		3903284.00		0.24231b		(04013124)		317408.50		3903182.00	
0.27151b (04013124)											
317412.22		3903096.50		0.30453b		(04013124)		317419.62		3903048.25	
0.32527b (04013124)											
317454.91		3903048.25		0.32018b		(04013124)		317464.22		3903185.75	
0.26502b (04013124)											
317460.50		3903287.75		0.23406b		(04013124)		317456.78		3903336.00	
0.22132b (04013124)											
317458.62		3903377.00		0.21101b		(04013124)		317514.34		3903403.00	
0.20283b (04013124)											
317549.62		3903404.75		0.20103b		(04013124)		317594.22		3903408.50	
0.19838b (04013124)											
317625.78		3903412.25		0.19629b		(04013124)		317627.66		3903373.25	
0.20419b (04013124)											
317633.22		3903336.00		0.21203b		(04013124)		317653.66		3903414.00	
0.19477b (04013124)											
317657.38		3903377.00		0.20202b		(04013124)		317657.38		3903341.75	
0.20953b (04013124)											
317683.38		3903343.50		0.20787b		(04013124)		317687.09		3903380.75	
0.19991b (04013124)											
317687.09		3903414.00		0.19339b		(04013124)		317640.66		3903213.50	
0.24241b (04013124)											
317642.50		3903113.25		0.27346b		(04013124)		317806.59		3903332.00	
0.20498b (04013124)											
317810.94		3903212.00		0.23297b		(04013124)		317800.03		3903159.50	
0.24787b (04013124)											
317808.78		3903096.00		0.26635b		(04013124)		317821.88		3903021.75	
0.28937b (04013124)											
317830.62		3902954.00		0.31090b		(04013124)		318385.44		3903405.00	
0.16786b (04013124)											
318758.03		3903400.75		0.14893b		(04013124)		319017.56		3903480.50	
0.12777b (04013124)											
319017.56		3903405.00		0.13334b		(04013124)		317832.88		3902672.50	
0.40899b (04013124)											
317904.03		3902555.25		0.45759b		(04013124)		317707.28		3902563.50	
0.52666b (04013124)											
317673.81		3902526.00		0.57949b		(04013124)		317698.91		3902496.75	
0.59568b (04013124)											
317703.12		3902404.50		0.69032b		(04013124)		317703.12		3902320.75	
0.78795b (04013124)											
317791.03		3902224.50		0.83645b		(04013124)		317699.22		3901975.00	
1.49050b (04013124)											
317699.22		3901949.50		1.61426b		(04013124)		317714.88		3901917.25	
1.75443b (04013124)											
317700.06		3901915.50		1.83205b		(04013124)		317684.41		3901914.00	
1.91737b (04013124)											
317665.44		3901916.50		1.98419b		(04013124)		317472.25		3901935.25	
2.77400b (04013124)											
317775.84		3901821.25		2.41216b		(04013124)		317972.72		3901817.50	
1.24389b (04123124)											
318132.72		3901822.25		0.94063b		(04123124)		317791.97		3901413.50	
4.57996b (04083124)											
317841.78		3901420.50		3.58569b		(04083124)		317895.19		3901385.00	
2.88192b (04083124)											
317788.41		3901182.00		3.05807b		(04083124)		317820.44		3901075.25	
2.61849b (04083124)											
318130.09		3901111.00		1.62165b		(04083124)		318457.53		3901018.25	
1.01176b (04083124)											
318557.19		3900566.25		0.91612b		(04083124)		317927.22		3900513.00	
1.51385b (04083124)											
317859.59		3900313.75		1.48228b		(04073124)		317802.62		3900356.25	
1.61525b (04073124)											
317788.41		3900395.50		1.67690b		(04073124)		317795.53		3900441.75	
1.70447b (04073124)											
317771.47		3900060.75		1.37814b		(04073124)					

□ *** AERMOD - VERSION 07026 *** *** C:\Lakes\BFD\BFD.isc
*** 06/04/09 ***

*** 09:52:36
**MODELOPTs:
PAGE 18

CONC

DFAULT ELEV

*** THE SUMMARY OF MAXIMUM PERIOD (8784 HRS) RESULTS ***

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

**

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

PAREA1 1ST HIGHEST VALUE IS	3.40326 AT (317791.97, 3901413.50,	0.00,	0.00,
0.00) DC			
2ND HIGHEST VALUE IS	3.38147 AT (317696.16, 3901282.75,	0.00,	0.00,
0.00) DC			
3RD HIGHEST VALUE IS	2.89220 AT (316942.72, 3900684.75,	0.00,	0.00,
0.00) DC			
4TH HIGHEST VALUE IS	2.62704 AT (317841.78, 3901420.50,	0.00,	0.00,
0.00) DC			
5TH HIGHEST VALUE IS	2.31677 AT (317788.41, 3901182.00,	0.00,	0.00,
0.00) DC			
6TH HIGHEST VALUE IS	2.17954 AT (317674.81, 3900897.50,	0.00,	0.00,
0.00) DC			
7TH HIGHEST VALUE IS	2.09647 AT (316342.31, 3900931.50,	0.00,	0.00,
0.00) DC			
8TH HIGHEST VALUE IS	2.07441 AT (317895.19, 3901385.00,	0.00,	0.00,
0.00) DC			
9TH HIGHEST VALUE IS	2.06948 AT (317698.62, 3900882.75,	0.00,	0.00,
0.00) DC			
10TH HIGHEST VALUE IS	2.04695 AT (316935.62, 3900482.00,	0.00,	0.00,
0.00) DC			

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

□ *** AERMOD - VERSION 07026 *** *** C:\Lakes\BFD\BFD.isc
*** 06/04/09

*** 09:52:36

**MODELOPTs:

PAGE 19

CONC

DFAULT ELEV

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

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

**

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

PAREA1 HIGH 1ST HIGH VALUE IS	185.42386 ON 04012306: AT (316942.72, 3900684.75,	0.00,
0.00, 0.00) DC		

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

□ *** AERMOD - VERSION 07026 *** *** C:\Lakes\BFD\BFD.isc
*** 06/04/09

*** 09:52:36

**MODELOPTs:

PAGE 20

CONC

DFAULT ELEV

*** THE SUMMARY OF HIGHEST 4-HR RESULTS ***

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

PAREA1 HIGH 1ST HIGH VALUE IS 61.80795c ON 04012308: AT (316942.72, 3900684.75, 0.00,
 0.00, 0.00) DC

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

☐ *** AERMOD - VERSION 07026 *** *** C:\Lakes\BFD\BFD.isc
 *** 06/04/09

*** 09:52:36

**MODELOPTs:

PAGE 21

CONC

DEFAULT ELEV

*** THE SUMMARY OF HIGHEST 6-HR RESULTS ***

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

**

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

PAREA1 HIGH 1ST HIGH VALUE IS 37.08477c ON 04012306: AT (316942.72, 3900684.75, 0.00,
 0.00, 0.00) DC

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

☐ *** AERMOD - VERSION 07026 *** *** C:\Lakes\BFD\BFD.isc
 *** 06/04/09

*** 09:52:36

**MODELOPTs:

PAGE 22

CONC

DEFAULT ELEV

*** THE SUMMARY OF HIGHEST MONTH RESULTS ***

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

**

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

PAREA1 HIGH 1ST HIGH VALUE IS 4.57996b ON 04083124: AT (317791.97, 3901413.50, 0.00,
 0.00, 0.00) DC

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

☐ *** AERMOD - VERSION 07026 *** *** C:\Lakes\BFD\BFD.isc
 *** 06/04/09

*** 09:52:36

**MODELOPTs:

PAGE 23

CONC

DEFAULT 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 2057 Informational Message(s)

A Total of 1498 Calm Hours Identified
A Total of 559 Missing Hours Identified (6.36 Percent)

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

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

*** AERMOD Finishes Successfully ***
