

Appendix B

CalEEMod Data

Health Risk Assessments

Dudek 2023

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NCSD Wood Energy Project

Wood Energy Boiler Emissions - Criteria Air Pollutant and GHGs

Project Boiler Capacity	2 x 1MW Boilers
	3.4 MMBtu/hr each
	25,367.5 MMBtu/year each
	6.8 MMBtu/hr total
	50,735 MMBtu/year total

Criteria Air Pollutant and GHGs

Pollutant	Emission Factor lb/MMBtu	Source	Per Boiler	Per Boiler Emissions ¹			Total Emissions ¹		
			lbs/hour	lbs/day	lbs/year	tons/year	lbs/day	lbs/year	tons/year
Filterable PM	0.054	Messersmith, AP-42 c01s06	0.18	4.41	1,369.85	0.68	8.81	2,739.69	1.37
PM10	0.04	Messersmith, AP-42 c01s06	0.14	3.26	1,014.70	0.51	6.53	2,029.40	1.01
PM2.5	0.035	Messersmith, AP-42 c01s06	0.12	2.86	887.86	0.44	5.71	1,775.73	0.89
NOx	0.122	Messersmith	0.41	9.96	3,094.84	1.55	19.91	6,189.67	3.09
SO2	0.025	AP-42 c01s06	0.09	2.04	634.19	0.32	4.08	1,268.38	0.63
CO	0.25	Messersmith	0.85	20.40	6,341.88	3.17	40.80	12,683.75	6.34
VOC	0.017	AP-42 c01s06	0.06	1.39	431.25	0.22	2.77	862.50	0.43
N2O	0.013	AP-42 c01s06	0.04	1.06	329.78	0.16	2.12	659.56	0.33
CO2	195	AP-42 c01s06	663.00	15,912.00	4,946,662.50	2,243.77	31,824.00	9,893,325.00	4,487.54

1. lbs/hour and lbs/day based on max boiler output; lbs/year and tons/year based on annual average boiler output

NCS D Wood Energy Project
CalEEMod Trip Rates

Project and Existing Chip Trucks: 330 total trucks per year
Project Ash Trucks: 28 trucks per year

Annual Average
Proposed Project

Project Description	CalEEMod Land Use	Size	Units	Average Daily Trip Rate	Average Daily Trips	Average One-Way Trip Length
Proposed Facility	General Light Industrial	4.715	ksf	0.2080	0.98	16

Existing Scenario

Project Description	CalEEMod Land Use	Size	Units	Average Daily Trip Rate	Average Daily Trips	Average One-Way Trip Length
Current TTSD Transport	General Light Industrial	1	ksf	0.9041	0.90	74

*Range of 275-330 trucks per year provided by NCS D

Note that traffic route to Carson City NV	TTSD to Stateline via I-80	23.6 miles	% Travel in PCAPCD	Existing:	3.9 miles
	Stateline to Full Circle Compost	50 miles			5.30% of total one-way trip length
		73.6 miles (one-way)			
		147.2 miles (two-way)			
Proposed project	TTSD to boiler plant	12.7 miles (one-way)	Project:		8.6 miles
		25.4 miles (two-way)			67.72% of total one-way trip length
	Ash trucks	60 miles (one-way)			4.7 miles
		120 miles (two-way)			7.83% of total one-way trip length for ash trucks

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

NCSD Wood Energy Boiler Project
Placer-Mountain Counties County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	4.71	1000sqft	0.07	4,715.00	0
Other Asphalt Surfaces	0.30	Acre	0.30	13,068.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	74
Climate Zone	14			Operational Year	2024
Utility Company	Statewide Average				
CO2 Intensity (lb/MWhr)	453.21	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

- Project Characteristics - Liberty Utilities is not included in CalEEMod, therefore the Statewide Average GHG intensity is assumed
- Land Use - Assumed a General Light Industry use to model the project on a total site of 16,160 sf (0.37 acres)
- Construction Phase - Construction schedule based on applicant input
- Off-road Equipment - Modeling operations only for existing scenario
- Off-road Equipment - Equipment list based on applicant input
- Off-road Equipment - Equipment list based on applicant input
- Off-road Equipment - Equipment list based on applicant input
- Off-road Equipment - Equipment list based on applicant input
- Off-road Equipment - Equipment list based on applicant input
- Trips and VMT - Adjusted defaults based on applicant input
- On-road Fugitive Dust - Default

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Grading - Soil import/export based on applicant input

Architectural Coating -

Vehicle Trips - Proposed Fuel Disposal: trips and trip lengths provided by NCSD and account for chip trucks and ash transport.

Road Dust - Default

Consumer Products - No new employees required but included parking degreaser

Area Coating - Default

Landscape Equipment - Added average snow days for Truckee

Energy Use - Energy load based on high estimate provided by applicant

Water And Wastewater - Negligible water/wastewater usage anticipated

Solid Waste - Negligible municipal solid waste anticipated

Construction Off-road Equipment Mitigation - Watering exposed area 2x and limiting vehicle speed on unpaved roads to 15 mph assumed, based on compliance with PCAPCD Rule 228 (Fugitive Dust)

Operational Off-Road Equipment -

Fleet Mix - All chip vans assumed to have trailer capacity of 120 cubic yards and be heavy-heavy duty trucks

Stationary Sources - Emergency Generators and Fire Pumps - Wood energy boiler emissions estimated in spreadsheet model based on AP42 factors

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	2.00	15.00
tblConstructionPhase	NumDays	2.00	90.00
tblConstructionPhase	NumDays	1.00	10.00
tblConsumerProducts	ROG_EF	2.14E-05	0
tblEnergyUse	LightingElect	1.81	0.00
tblEnergyUse	NT24E	1.85	169.15
tblEnergyUse	NT24NG	0.31	0.00
tblEnergyUse	T24E	0.56	0.00
tblEnergyUse	T24NG	3.17	0.00
tblFleetMix	HHD	0.01	1.00
tblFleetMix	LDA	0.47	0.00
tblFleetMix	LDT1	0.06	0.00

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblFleetMix	LDT2	0.21	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD2	8.3910e-003	0.00
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MDV	0.15	0.00
tblFleetMix	MH	5.4500e-003	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	OBUS	5.5600e-004	0.00
tblFleetMix	SBUS	9.7700e-004	0.00
tblFleetMix	UBUS	4.1200e-004	0.00
tblGrading	MaterialExported	0.00	996.00
tblGrading	MaterialExported	0.00	969.00
tblGrading	MaterialImported	0.00	845.00
tblLandscapeEquipment	NumberSnowDays	0	84
tblLandUse	LandUseSquareFeet	4,710.00	4,715.00
tblLandUse	LotAcreage	0.11	0.07
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		On-Site Preparation
tblOffRoadEquipment	PhaseName		On-Site Grading
tblOffRoadEquipment	PhaseName		On-Site Building Construction
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	5.84	0.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	10.00	12.00
tblTripsAndVMT	WorkerTripNumber	5.00	6.00
tblTripsAndVMT	WorkerTripNumber	7.00	12.00
tblTripsAndVMT	WorkerTripNumber	8.00	12.00
tblVehicleTrips	CC_TTP	28.00	0.00
tblVehicleTrips	CNW_TL	6.60	16.00
tblVehicleTrips	CNW_TTP	13.00	100.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	ST_TR	1.99	0.21
tblVehicleTrips	SU_TR	5.00	0.21

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleTrips	WD_TR	4.96	0.21
tblWater	IndoorWaterUseRate	1,089,187.50	0.00

2.0 Emissions Summary**2.1 Overall Construction****Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	0.0568	0.5372	0.8268	1.4000e-003	0.0231	0.0255	0.0486	5.2900e-003	0.0235	0.0288	0.0000	124.7981	124.7981	0.0326	2.5900e-003	126.3828
Maximum	0.0568	0.5372	0.8268	1.4000e-003	0.0231	0.0255	0.0486	5.2900e-003	0.0235	0.0288	0.0000	124.7981	124.7981	0.0326	2.5900e-003	126.3828

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	0.0568	0.5372	0.8268	1.4000e-003	0.0199	0.0255	0.0454	4.9400e-003	0.0235	0.0284	0.0000	124.7980	124.7980	0.0326	2.5900e-003	126.3826
Maximum	0.0568	0.5372	0.8268	1.4000e-003	0.0199	0.0255	0.0454	4.9400e-003	0.0235	0.0284	0.0000	124.7980	124.7980	0.0326	2.5900e-003	126.3826

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	13.80	0.00	6.57	6.62	0.00	1.18	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	7-1-2023	9-30-2023	0.3233	0.3233
		Highest	0.3233	0.3233

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	3.2200e-003	0.0000	7.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.3000e-004	1.3000e-004	0.0000	0.0000	1.4000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	163.9528	163.9528	0.0119	1.4500e-003	164.6825
Mobile	4.0000e-004	0.0201	5.0600e-003	9.0000e-005	2.4200e-003	1.7000e-004	2.5900e-003	6.7000e-004	1.6000e-004	8.3000e-004	0.0000	8.3175	8.3175	2.0000e-005	1.3100e-003	8.7074
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.6200e-003	0.0201	5.1300e-003	9.0000e-005	2.4200e-003	1.7000e-004	2.5900e-003	6.7000e-004	1.6000e-004	8.3000e-004	0.0000	172.2704	172.2704	0.0120	2.7600e-003	173.3900

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	3.2200e-003	0.0000	7.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.3000e-004	1.3000e-004	0.0000	0.0000	1.4000e-004
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	163.9528	163.9528	0.0119	1.4500e-003	164.6825
Mobile	4.0000e-004	0.0201	5.0600e-003	9.0000e-005	2.4200e-003	1.7000e-004	2.5900e-003	6.7000e-004	1.6000e-004	8.3000e-004	0.0000	8.3175	8.3175	2.0000e-005	1.3100e-003	8.7074
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	3.6200e-003	0.0201	5.1300e-003	9.0000e-005	2.4200e-003	1.7000e-004	2.5900e-003	6.7000e-004	1.6000e-004	8.3000e-004	0.0000	172.2704	172.2704	0.0120	2.7600e-003	173.3900

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	On-Site Preparation	Site Preparation	7/1/2023	7/14/2023	5	10	
2	On-Site Grading	Grading	7/15/2023	8/4/2023	5	15	
3	Off-Site Pipeline Work	Grading	7/15/2023	11/17/2023	5	90	

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4	On-Site Building Construction	Building Construction	8/5/2023	12/22/2023	5	100
5	On-Site Paving	Paving	12/23/2023	12/29/2023	5	5

Acres of Grading (Site Preparation Phase): 5**Acres of Grading (Grading Phase): 5.63****Acres of Paving: 0.3****Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)****OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
On-Site Preparation	Excavators	1	8.00	158	0.38
On-Site Preparation	Graders	0	8.00	187	0.41
On-Site Preparation	Tractors/Loaders/Backhoes	2	8.00	97	0.37
On-Site Grading	Excavators	2	8.00	158	0.38
On-Site Grading	Graders	0	6.00	187	0.41
On-Site Grading	Rubber Tired Dozers	0	6.00	247	0.40
On-Site Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Off-Site Pipeline Work	Graders	0	6.00	187	0.41
Off-Site Pipeline Work	Rubber Tired Dozers	0	6.00	247	0.40
Off-Site Pipeline Work	Tractors/Loaders/Backhoes	2	8.00	97	0.37
On-Site Building Construction	Cranes	0	4.00	231	0.29
On-Site Building Construction	Excavators	1	8.00	158	0.38
On-Site Building Construction	Forklifts	1	8.00	89	0.20
On-Site Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
On-Site Paving	Cement and Mortar Mixers	0	6.00	9	0.56
On-Site Paving	Pavers	1	8.00	130	0.42
On-Site Paving	Paving Equipment	1	8.00	132	0.36
On-Site Paving	Rollers	0	7.00	80	0.38

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

On-Site Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
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Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
On-Site Preparation	4	10.00	2.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
On-Site Grading	4	12.00	2.00	125.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Off-Site Pipeline Work	2	6.00	2.00	227.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
On-Site Building Construction	4	12.00	3.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
On-Site Paving	3	12.00	2.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 On-Site Preparation - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.6500e-003	0.0000	2.6500e-003	2.9000e-004	0.0000	2.9000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.4600e-003	0.0231	0.0386	6.0000e-005		1.1400e-003	1.1400e-003		1.0500e-003	1.0500e-003	0.0000	5.0043	5.0043	1.6200e-003	0.0000	5.0448
Total	2.4600e-003	0.0231	0.0386	6.0000e-005	2.6500e-003	1.1400e-003	3.7900e-003	2.9000e-004	1.0500e-003	1.3400e-003	0.0000	5.0043	5.0043	1.6200e-003	0.0000	5.0448

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.2 On-Site Preparation - 2023****Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	4.3000e-004	1.4000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.1773	0.1773	0.0000	3.0000e-005	0.1853
Worker	1.7000e-004	1.2000e-004	1.6100e-003	1.0000e-005	6.1000e-004	0.0000	6.1000e-004	1.6000e-004	0.0000	1.7000e-004	0.0000	0.4715	0.4715	1.0000e-005	1.0000e-005	0.4753
Total	1.8000e-004	5.5000e-004	1.7500e-003	1.0000e-005	6.7000e-004	0.0000	6.7000e-004	1.8000e-004	0.0000	1.9000e-004	0.0000	0.6489	0.6489	1.0000e-005	4.0000e-005	0.6606

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.1900e-003	0.0000	1.1900e-003	1.3000e-004	0.0000	1.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.4600e-003	0.0231	0.0386	6.0000e-005		1.1400e-003	1.1400e-003		1.0500e-003	1.0500e-003	0.0000	5.0043	5.0043	1.6200e-003	0.0000	5.0448
Total	2.4600e-003	0.0231	0.0386	6.0000e-005	1.1900e-003	1.1400e-003	2.3300e-003	1.3000e-004	1.0500e-003	1.1800e-003	0.0000	5.0043	5.0043	1.6200e-003	0.0000	5.0448

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 On-Site Preparation - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	4.3000e-004	1.4000e-004	0.0000	6.0000e-005	0.0000	6.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.1773	0.1773	0.0000	3.0000e-005	0.1853
Worker	1.7000e-004	1.2000e-004	1.6100e-003	1.0000e-005	6.1000e-004	0.0000	6.1000e-004	1.6000e-004	0.0000	1.7000e-004	0.0000	0.4715	0.4715	1.0000e-005	1.0000e-005	0.4753
Total	1.8000e-004	5.5000e-004	1.7500e-003	1.0000e-005	6.7000e-004	0.0000	6.7000e-004	1.8000e-004	0.0000	1.9000e-004	0.0000	0.6489	0.6489	1.0000e-005	4.0000e-005	0.6606

3.3 On-Site Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.0400e-003	0.0000	3.0400e-003	3.3000e-004	0.0000	3.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.1000e-003	0.0463	0.0823	1.2000e-004		2.2700e-003	2.2700e-003		2.0900e-003	2.0900e-003	0.0000	10.9091	10.9091	3.5300e-003	0.0000	10.9973
Total	5.1000e-003	0.0463	0.0823	1.2000e-004	3.0400e-003	2.2700e-003	5.3100e-003	3.3000e-004	2.0900e-003	2.4200e-003	0.0000	10.9091	10.9091	3.5300e-003	0.0000	10.9973

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3.3 On-Site Grading - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.5000e-004	8.5200e-003	1.8900e-003	4.0000e-005	1.0500e-003	7.0000e-005	1.1300e-003	2.9000e-004	7.0000e-005	3.6000e-004	0.0000	3.6568	3.6568	1.0000e-005	5.7000e-004	3.8283
Vendor	2.0000e-005	6.5000e-004	2.1000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	3.0000e-005	0.0000	3.0000e-005	0.0000	0.2660	0.2660	0.0000	4.0000e-005	0.2780
Worker	3.0000e-004	2.2000e-004	2.8900e-003	1.0000e-005	1.1000e-003	1.0000e-005	1.1000e-003	2.9000e-004	0.0000	3.0000e-004	0.0000	0.8488	0.8488	2.0000e-005	2.0000e-005	0.8555
Total	4.7000e-004	9.3900e-003	4.9900e-003	5.0000e-005	2.2400e-003	8.0000e-005	2.3200e-003	6.1000e-004	7.0000e-005	6.9000e-004	0.0000	4.7716	4.7716	3.0000e-005	6.3000e-004	4.9618

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.3700e-003	0.0000	1.3700e-003	1.5000e-004	0.0000	1.5000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.1000e-003	0.0463	0.0823	1.2000e-004		2.2700e-003	2.2700e-003		2.0900e-003	2.0900e-003	0.0000	10.9091	10.9091	3.5300e-003	0.0000	10.9973
Total	5.1000e-003	0.0463	0.0823	1.2000e-004	1.3700e-003	2.2700e-003	3.6400e-003	1.5000e-004	2.0900e-003	2.2400e-003	0.0000	10.9091	10.9091	3.5300e-003	0.0000	10.9973

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.3 On-Site Grading - 2023****Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.5000e-004	8.5200e-003	1.8900e-003	4.0000e-005	1.0500e-003	7.0000e-005	1.1300e-003	2.9000e-004	7.0000e-005	3.6000e-004	0.0000	3.6568	3.6568	1.0000e-005	5.7000e-004	3.8283
Vendor	2.0000e-005	6.5000e-004	2.1000e-004	0.0000	9.0000e-005	0.0000	9.0000e-005	3.0000e-005	0.0000	3.0000e-005	0.0000	0.2660	0.2660	0.0000	4.0000e-005	0.2780
Worker	3.0000e-004	2.2000e-004	2.8900e-003	1.0000e-005	1.1000e-003	1.0000e-005	1.1000e-003	2.9000e-004	0.0000	3.0000e-004	0.0000	0.8488	0.8488	2.0000e-005	2.0000e-005	0.8555
Total	4.7000e-004	9.3900e-003	4.9900e-003	5.0000e-005	2.2400e-003	8.0000e-005	2.3200e-003	6.1000e-004	7.0000e-005	6.9000e-004	0.0000	4.7716	4.7716	3.0000e-005	6.3000e-004	4.9618

3.4 Off-Site Pipeline Work - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.0000e-004	0.0000	1.0000e-004	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0136	0.1382	0.2008	2.8000e-004		6.8200e-003	6.8200e-003		6.2800e-003	6.2800e-003	0.0000	24.6227	24.6227	7.9600e-003	0.0000	24.8218
Total	0.0136	0.1382	0.2008	2.8000e-004	1.0000e-004	6.8200e-003	6.9200e-003	2.0000e-005	6.2800e-003	6.3000e-003	0.0000	24.6227	24.6227	7.9600e-003	0.0000	24.8218

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.4 Off-Site Pipeline Work - 2023****Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.8000e-004	0.0155	3.4300e-003	7.0000e-005	1.9100e-003	1.4000e-004	2.0500e-003	5.3000e-004	1.3000e-004	6.6000e-004	0.0000	6.6408	6.6408	1.0000e-005	1.0400e-003	6.9521
Vendor	1.0000e-004	3.8800e-003	1.2900e-003	2.0000e-005	5.3000e-004	2.0000e-005	5.5000e-004	1.5000e-004	2.0000e-005	1.8000e-004	0.0000	1.5960	1.5960	0.0000	2.4000e-004	1.6680
Worker	9.1000e-004	6.5000e-004	8.6800e-003	3.0000e-005	3.3000e-003	2.0000e-005	3.3100e-003	8.8000e-004	1.0000e-005	8.9000e-004	0.0000	2.5463	2.5463	6.0000e-005	6.0000e-005	2.5665
Total	1.2900e-003	0.0200	0.0134	1.2000e-004	5.7400e-003	1.8000e-004	5.9100e-003	1.5600e-003	1.6000e-004	1.7300e-003	0.0000	10.7831	10.7831	7.0000e-005	1.3400e-003	11.1867

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.0000e-005	0.0000	5.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0136	0.1382	0.2008	2.8000e-004		6.8200e-003	6.8200e-003		6.2800e-003	6.2800e-003	0.0000	24.6227	24.6227	7.9600e-003	0.0000	24.8218
Total	0.0136	0.1382	0.2008	2.8000e-004	5.0000e-005	6.8200e-003	6.8700e-003	1.0000e-005	6.2800e-003	6.2900e-003	0.0000	24.6227	24.6227	7.9600e-003	0.0000	24.8218

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.4 Off-Site Pipeline Work - 2023****Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.8000e-004	0.0155	3.4300e-003	7.0000e-005	1.9100e-003	1.4000e-004	2.0500e-003	5.3000e-004	1.3000e-004	6.6000e-004	0.0000	6.6408	6.6408	1.0000e-005	1.0400e-003	6.9521
Vendor	1.0000e-004	3.8800e-003	1.2900e-003	2.0000e-005	5.3000e-004	2.0000e-005	5.5000e-004	1.5000e-004	2.0000e-005	1.8000e-004	0.0000	1.5960	1.5960	0.0000	2.4000e-004	1.6680
Worker	9.1000e-004	6.5000e-004	8.6800e-003	3.0000e-005	3.3000e-003	2.0000e-005	3.3100e-003	8.8000e-004	1.0000e-005	8.9000e-004	0.0000	2.5463	2.5463	6.0000e-005	6.0000e-005	2.5665
Total	1.2900e-003	0.0200	0.0134	1.2000e-004	5.7400e-003	1.8000e-004	5.9100e-003	1.5600e-003	1.6000e-004	1.7300e-003	0.0000	10.7831	10.7831	7.0000e-005	1.3400e-003	11.1867

3.5 On-Site Building Construction - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0297	0.2790	0.4433	6.5000e-004		0.0143	0.0143		0.0132	0.0132	0.0000	56.7575	56.7575	0.0184	0.0000	57.2165
Total	0.0297	0.2790	0.4433	6.5000e-004		0.0143	0.0143		0.0132	0.0132	0.0000	56.7575	56.7575	0.0184	0.0000	57.2165

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.5 On-Site Building Construction - 2023****Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7000e-004	6.4700e-003	2.1500e-003	3.0000e-005	8.9000e-004	4.0000e-005	9.2000e-004	2.6000e-004	4.0000e-005	2.9000e-004	0.0000	2.6599	2.6599	1.0000e-005	4.0000e-004	2.7800
Worker	2.0200e-003	1.4400e-003	0.0193	6.0000e-005	7.3300e-003	4.0000e-005	7.3600e-003	1.9500e-003	3.0000e-005	1.9800e-003	0.0000	5.6584	5.6584	1.3000e-004	1.4000e-004	5.7034
Total	2.1900e-003	7.9100e-003	0.0214	9.0000e-005	8.2200e-003	8.0000e-005	8.2800e-003	2.2100e-003	7.0000e-005	2.2700e-003	0.0000	8.3183	8.3183	1.4000e-004	5.4000e-004	8.4834

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0297	0.2790	0.4433	6.5000e-004		0.0143	0.0143		0.0132	0.0132	0.0000	56.7575	56.7575	0.0184	0.0000	57.2164
Total	0.0297	0.2790	0.4433	6.5000e-004		0.0143	0.0143		0.0132	0.0132	0.0000	56.7575	56.7575	0.0184	0.0000	57.2164

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.5 On-Site Building Construction - 2023****Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.7000e-004	6.4700e-003	2.1500e-003	3.0000e-005	8.9000e-004	4.0000e-005	9.2000e-004	2.6000e-004	4.0000e-005	2.9000e-004	0.0000	2.6599	2.6599	1.0000e-005	4.0000e-004	2.7800
Worker	2.0200e-003	1.4400e-003	0.0193	6.0000e-005	7.3300e-003	4.0000e-005	7.3600e-003	1.9500e-003	3.0000e-005	1.9800e-003	0.0000	5.6584	5.6584	1.3000e-004	1.4000e-004	5.7034
Total	2.1900e-003	7.9100e-003	0.0214	9.0000e-005	8.2200e-003	8.0000e-005	8.2800e-003	2.2100e-003	7.0000e-005	2.2700e-003	0.0000	8.3183	8.3183	1.4000e-004	5.4000e-004	8.4834

3.6 On-Site Paving - 2023**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.2900e-003	0.0126	0.0192	3.0000e-005		6.1000e-004	6.1000e-004		5.6000e-004	5.6000e-004	0.0000	2.6110	2.6110	8.4000e-004	0.0000	2.6321
Paving	3.9000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.6800e-003	0.0126	0.0192	3.0000e-005		6.1000e-004	6.1000e-004		5.6000e-004	5.6000e-004	0.0000	2.6110	2.6110	8.4000e-004	0.0000	2.6321

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.6 On-Site Paving - 2023****Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	2.2000e-004	7.0000e-005	0.0000	3.0000e-005	0.0000	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0887	0.0887	0.0000	1.0000e-005	0.0927
Worker	1.0000e-004	7.0000e-005	9.6000e-004	0.0000	3.7000e-004	0.0000	3.7000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.2829	0.2829	1.0000e-005	1.0000e-005	0.2852
Total	1.1000e-004	2.9000e-004	1.0300e-003	0.0000	4.0000e-004	0.0000	4.0000e-004	1.1000e-004	0.0000	1.1000e-004	0.0000	0.3716	0.3716	1.0000e-005	2.0000e-005	0.3778

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.2900e-003	0.0126	0.0192	3.0000e-005		6.1000e-004	6.1000e-004		5.6000e-004	5.6000e-004	0.0000	2.6110	2.6110	8.4000e-004	0.0000	2.6321
Paving	3.9000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	1.6800e-003	0.0126	0.0192	3.0000e-005		6.1000e-004	6.1000e-004		5.6000e-004	5.6000e-004	0.0000	2.6110	2.6110	8.4000e-004	0.0000	2.6321

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.6 On-Site Paving - 2023****Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0000e-005	2.2000e-004	7.0000e-005	0.0000	3.0000e-005	0.0000	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0887	0.0887	0.0000	1.0000e-005	0.0927
Worker	1.0000e-004	7.0000e-005	9.6000e-004	0.0000	3.7000e-004	0.0000	3.7000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.2829	0.2829	1.0000e-005	1.0000e-005	0.2852
Total	1.1000e-004	2.9000e-004	1.0300e-003	0.0000	4.0000e-004	0.0000	4.0000e-004	1.1000e-004	0.0000	1.1000e-004	0.0000	0.3716	0.3716	1.0000e-005	2.0000e-005	0.3778

4.0 Operational Detail - Mobile**4.1 Mitigation Measures Mobile**

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	4.0000e-004	0.0201	5.0600e-003	9.0000e-005	2.4200e-003	1.7000e-004	2.5900e-003	6.7000e-004	1.6000e-004	8.3000e-004	0.0000	8.3175	8.3175	2.0000e-005	1.3100e-003	8.7074
Unmitigated	4.0000e-004	0.0201	5.0600e-003	9.0000e-005	2.4200e-003	1.7000e-004	2.5900e-003	6.7000e-004	1.6000e-004	8.3000e-004	0.0000	8.3175	8.3175	2.0000e-005	1.3100e-003	8.7074

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	0.99	0.99	0.99	5,761	5,761
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	0.99	0.99	0.99	5,761	5,761

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Light Industry	14.70	6.60	16.00	0.00	0.00	100.00	100	0	0
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Other Asphalt Surfaces	0.466187	0.061512	0.210180	0.153350	0.034639	0.008391	0.014417	0.011935	0.000556	0.000412	0.031993	0.000977	0.005450

5.0 Energy Detail

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.1 Mitigation Measures Energy

[illegible]

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Unmitigated

[illegible]

Mitigated

[illegible]

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**5.3 Energy by Land Use - Electricity****Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	797542	163.9528	0.0119	1.4500e-003	164.6825
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		163.9528	0.0119	1.4500e-003	164.6825

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	797542	163.9528	0.0119	1.4500e-003	164.6825
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		163.9528	0.0119	1.4500e-003	164.6825

6.0 Area Detail

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**6.1 Mitigation Measures Area**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	3.2200e-003	0.0000	7.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.3000e-004	1.3000e-004	0.0000	0.0000	1.4000e-004
Unmitigated	3.2200e-003	0.0000	7.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.3000e-004	1.3000e-004	0.0000	0.0000	1.4000e-004

6.2 Area by SubCategory**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	2.3700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	8.4000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0000e-005	0.0000	7.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.3000e-004	1.3000e-004	0.0000	0.0000	1.4000e-004
Total	3.2200e-003	0.0000	7.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.3000e-004	1.3000e-004	0.0000	0.0000	1.4000e-004

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**6.2 Area by SubCategory****Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	2.3700e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	8.4000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0000e-005	0.0000	7.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.3000e-004	1.3000e-004	0.0000	0.0000	1.4000e-004
Total	3.2200e-003	0.0000	7.0000e-005	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.3000e-004	1.3000e-004	0.0000	0.0000	1.4000e-004

7.0 Water Detail**7.1 Mitigation Measures Water**

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**7.2 Water by Land Use****Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	0 / 0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.0 Waste Detail**8.1 Mitigation Measures Waste****Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**8.2 Waste by Land Use****Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

9.0 Operational Offroad

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

NCSD Wood Energy Boiler Project
Placer-Mountain Counties County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	4.71	1000sqft	0.07	4,715.00	0
Other Asphalt Surfaces	0.30	Acre	0.30	13,068.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	74
Climate Zone	14			Operational Year	2024
Utility Company	Statewide Average				
CO2 Intensity (lb/MWhr)	453.21	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

- Project Characteristics - Liberty Utilities is not included in CalEEMod, therefore the Statewide Average GHG intensity is assumed
- Land Use - Assumed a General Light Industry use to model the project on a total site of 16,160 sf (0.37 acres)
- Construction Phase - Construction schedule based on applicant input
- Off-road Equipment - Modeling operations only for existing scenario
- Off-road Equipment - Equipment list based on applicant input
- Off-road Equipment - Equipment list based on applicant input
- Off-road Equipment - Equipment list based on applicant input
- Off-road Equipment - Equipment list based on applicant input
- Off-road Equipment - Equipment list based on applicant input
- Trips and VMT - Adjusted defaults based on applicant input
- On-road Fugitive Dust - Default

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Grading - Soil import/export based on applicant input

Architectural Coating -

Vehicle Trips - Proposed Fuel Disposal: trips and trip lengths provided by NCSD and account for chip trucks and ash transport.

Road Dust - Default

Consumer Products - No new employees required but included parking degreaser

Area Coating - Default

Landscape Equipment - Added average snow days for Truckee

Energy Use - Energy load based on high estimate provided by applicant

Water And Wastewater - Negligible water/wastewater usage anticipated

Solid Waste - Negligible municipal solid waste anticipated

Construction Off-road Equipment Mitigation - Watering exposed area 2x and limiting vehicle speed on unpaved roads to 15 mph assumed, based on compliance with PCAPCD Rule 228 (Fugitive Dust)

Operational Off-Road Equipment -

Fleet Mix - All chip vans assumed to have trailer capacity of 120 cubic yards and be heavy-heavy duty trucks

Stationary Sources - Emergency Generators and Fire Pumps - Wood energy boiler emissions estimated in spreadsheet model based on AP42 factors

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	2.00	15.00
tblConstructionPhase	NumDays	2.00	90.00
tblConstructionPhase	NumDays	1.00	10.00
tblConsumerProducts	ROG_EF	2.14E-05	0
tblEnergyUse	LightingElect	1.81	0.00
tblEnergyUse	NT24E	1.85	169.15
tblEnergyUse	NT24NG	0.31	0.00
tblEnergyUse	T24E	0.56	0.00
tblEnergyUse	T24NG	3.17	0.00
tblFleetMix	HHD	0.01	1.00
tblFleetMix	LDA	0.47	0.00
tblFleetMix	LDT1	0.06	0.00

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblFleetMix	LDT2	0.21	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD2	8.3910e-003	0.00
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MDV	0.15	0.00
tblFleetMix	MH	5.4500e-003	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	OBUS	5.5600e-004	0.00
tblFleetMix	SBUS	9.7700e-004	0.00
tblFleetMix	UBUS	4.1200e-004	0.00
tblGrading	MaterialExported	0.00	996.00
tblGrading	MaterialExported	0.00	969.00
tblGrading	MaterialImported	0.00	845.00
tblLandscapeEquipment	NumberSnowDays	0	84
tblLandUse	LandUseSquareFeet	4,710.00	4,715.00
tblLandUse	LotAcreage	0.11	0.07
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		On-Site Preparation
tblOffRoadEquipment	PhaseName		On-Site Grading
tblOffRoadEquipment	PhaseName		On-Site Building Construction
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	5.84	0.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	10.00	12.00
tblTripsAndVMT	WorkerTripNumber	5.00	6.00
tblTripsAndVMT	WorkerTripNumber	7.00	12.00
tblTripsAndVMT	WorkerTripNumber	8.00	12.00
tblVehicleTrips	CC_TTP	28.00	0.00
tblVehicleTrips	CNW_TL	6.60	16.00
tblVehicleTrips	CNW_TTP	13.00	100.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	ST_TR	1.99	0.21
tblVehicleTrips	SU_TR	5.00	0.21

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleTrips	WD_TR	4.96	0.21
tblWater	IndoorWaterUseRate	1,089,187.50	0.00

2.0 Emissions Summary**2.1 Overall Construction (Maximum Daily Emission)****Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	1.0817	10.8483	16.4883	0.0322	0.8523	0.4699	1.3222	0.1646	0.4328	0.5974	0.0000	3,187.611 2	3,187.611 2	0.7192	0.1261	3,243.154 6
Maximum	1.0817	10.8483	16.4883	0.0322	0.8523	0.4699	1.3222	0.1646	0.4328	0.5974	0.0000	3,187.611 2	3,187.611 2	0.7192	0.1261	3,243.154 6

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	1.0817	10.8483	16.4883	0.0322	0.6280	0.4699	1.0979	0.1402	0.4328	0.5730	0.0000	3,187.611 2	3,187.611 2	0.7192	0.1261	3,243.154 6
Maximum	1.0817	10.8483	16.4883	0.0322	0.6280	0.4699	1.0979	0.1402	0.4328	0.5730	0.0000	3,187.611 2	3,187.611 2	0.7192	0.1261	3,243.154 6

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	26.32	0.00	16.96	14.86	0.00	4.09	0.00	0.00	0.00	0.00	0.00	0.00

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**2.2 Overall Operational****Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0177	0.0000	5.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.1000e-003	1.1000e-003	0.0000		1.1700e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	2.2800e-003	0.1053	0.0276	4.8000e-004	0.0138	9.4000e-004	0.0148	3.7900e-003	9.0000e-004	4.6900e-003		50.3972	50.3972	1.1000e-004	7.9200e-003	52.7600
Total	0.0199	0.1053	0.0281	4.8000e-004	0.0138	9.4000e-004	0.0148	3.7900e-003	9.0000e-004	4.6900e-003		50.3983	50.3983	1.1000e-004	7.9200e-003	52.7611

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0177	0.0000	5.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.1000e-003	1.1000e-003	0.0000		1.1700e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	2.2800e-003	0.1053	0.0276	4.8000e-004	0.0138	9.4000e-004	0.0148	3.7900e-003	9.0000e-004	4.6900e-003		50.3972	50.3972	1.1000e-004	7.9200e-003	52.7600
Total	0.0199	0.1053	0.0281	4.8000e-004	0.0138	9.4000e-004	0.0148	3.7900e-003	9.0000e-004	4.6900e-003		50.3983	50.3983	1.1000e-004	7.9200e-003	52.7611

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	On-Site Preparation	Site Preparation	7/1/2023	7/14/2023	5	10	
2	On-Site Grading	Grading	7/15/2023	8/4/2023	5	15	
3	Off-Site Pipeline Work	Grading	7/15/2023	11/17/2023	5	90	
4	On-Site Building Construction	Building Construction	8/5/2023	12/22/2023	5	100	
5	On-Site Paving	Paving	12/23/2023	12/29/2023	5	5	

Acres of Grading (Site Preparation Phase): 5**Acres of Grading (Grading Phase): 5.63****Acres of Paving: 0.3****Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)****OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
On-Site Preparation	Excavators	1	8.00	158	0.38
On-Site Preparation	Graders	0	8.00	187	0.41
On-Site Preparation	Tractors/Loaders/Backhoes	2	8.00	97	0.37
On-Site Grading	Excavators	2	8.00	158	0.38
On-Site Grading	Graders	0	6.00	187	0.41
On-Site Grading	Rubber Tired Dozers	0	6.00	247	0.40

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

On-Site Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Off-Site Pipeline Work	Graders	0	6.00	187	0.41
Off-Site Pipeline Work	Rubber Tired Dozers	0	6.00	247	0.40
Off-Site Pipeline Work	Tractors/Loaders/Backhoes	2	8.00	97	0.37
On-Site Building Construction	Cranes	0	4.00	231	0.29
On-Site Building Construction	Excavators	1	8.00	158	0.38
On-Site Building Construction	Forklifts	1	8.00	89	0.20
On-Site Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
On-Site Paving	Cement and Mortar Mixers	0	6.00	9	0.56
On-Site Paving	Pavers	1	8.00	130	0.42
On-Site Paving	Paving Equipment	1	8.00	132	0.36
On-Site Paving	Rollers	0	7.00	80	0.38
On-Site Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
On-Site Preparation	4	10.00	2.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
On-Site Grading	4	12.00	2.00	125.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Off-Site Pipeline Work	2	6.00	2.00	227.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
On-Site Building Construction	4	12.00	3.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
On-Site Paving	3	12.00	2.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.2 On-Site Preparation - 2023****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.4914	4.6200	7.7204	0.0114		0.2274	0.2274		0.2092	0.2092		1,103.2586	1,103.2586	0.3568		1,112.1790
Total	0.4914	4.6200	7.7204	0.0114	0.5303	0.2274	0.7577	0.0573	0.2092	0.2665		1,103.2586	1,103.2586	0.3568		1,112.1790

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3000e-003	0.0821	0.0282	3.7000e-004	0.0123	5.0000e-004	0.0128	3.5300e-003	4.8000e-004	4.0100e-003		39.0547	39.0547	1.2000e-004	5.9100e-003	40.8175
Worker	0.0371	0.0213	0.3701	1.1200e-003	0.1277	5.9000e-004	0.1283	0.0339	5.4000e-004	0.0344		112.9328	112.9328	2.2500e-003	2.3800e-003	113.6977
Total	0.0394	0.1034	0.3983	1.4900e-003	0.1400	1.0900e-003	0.1411	0.0374	1.0200e-003	0.0384		151.9875	151.9875	2.3700e-003	8.2900e-003	154.5152

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 On-Site Preparation - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2386	0.0000	0.2386	0.0258	0.0000	0.0258			0.0000			0.0000
Off-Road	0.4914	4.6200	7.7204	0.0114		0.2274	0.2274		0.2092	0.2092	0.0000	1,103.2586	1,103.2586	0.3568		1,112.1790
Total	0.4914	4.6200	7.7204	0.0114	0.2386	0.2274	0.4660	0.0258	0.2092	0.2350	0.0000	1,103.2586	1,103.2586	0.3568		1,112.1790

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3000e-003	0.0821	0.0282	3.7000e-004	0.0123	5.0000e-004	0.0128	3.5300e-003	4.8000e-004	4.0100e-003		39.0547	39.0547	1.2000e-004	5.9100e-003	40.8175
Worker	0.0371	0.0213	0.3701	1.1200e-003	0.1277	5.9000e-004	0.1283	0.0339	5.4000e-004	0.0344		112.9328	112.9328	2.2500e-003	2.3800e-003	113.6977
Total	0.0394	0.1034	0.3983	1.4900e-003	0.1400	1.0900e-003	0.1411	0.0374	1.0200e-003	0.0384		151.9875	151.9875	2.3700e-003	8.2900e-003	154.5152

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.3 On-Site Grading - 2023****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.4056	0.0000	0.4056	0.0441	0.0000	0.0441			0.0000			0.0000
Off-Road	0.6801	6.1686	10.9782	0.0166		0.3032	0.3032		0.2790	0.2790		1,603.364 3	1,603.364 3	0.5186		1,616.328 3
Total	0.6801	6.1686	10.9782	0.0166	0.4056	0.3032	0.7088	0.0441	0.2790	0.3231		1,603.364 3	1,603.364 3	0.5186		1,616.328 3

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0211	1.0792	0.2494	5.0700e-003	0.1459	9.9400e-003	0.1559	0.0400	9.5100e-003	0.0495		537.1332	537.1332	9.9000e-004	0.0844	562.3125
Vendor	2.3000e-003	0.0821	0.0282	3.7000e-004	0.0123	5.0000e-004	0.0128	3.5300e-003	4.8000e-004	4.0100e-003		39.0547	39.0547	1.2000e-004	5.9100e-003	40.8175
Worker	0.0446	0.0255	0.4441	1.3400e-003	0.1533	7.0000e-004	0.1540	0.0407	6.5000e-004	0.0413		135.5193	135.5193	2.7000e-003	2.8500e-003	136.4373
Total	0.0680	1.1868	0.7217	6.7800e-003	0.3115	0.0111	0.3226	0.0842	0.0106	0.0948		711.7073	711.7073	3.8100e-003	0.0932	739.5672

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.3 On-Site Grading - 2023****Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1825	0.0000	0.1825	0.0199	0.0000	0.0199			0.0000			0.0000
Off-Road	0.6801	6.1686	10.9782	0.0166		0.3032	0.3032		0.2790	0.2790	0.0000	1,603.364 3	1,603.364 3	0.5186		1,616.328 3
Total	0.6801	6.1686	10.9782	0.0166	0.1825	0.3032	0.4857	0.0199	0.2790	0.2988	0.0000	1,603.364 3	1,603.364 3	0.5186		1,616.328 3

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0211	1.0792	0.2494	5.0700e-003	0.1459	9.9400e-003	0.1559	0.0400	9.5100e-003	0.0495		537.1332	537.1332	9.9000e-004	0.0844	562.3125
Vendor	2.3000e-003	0.0821	0.0282	3.7000e-004	0.0123	5.0000e-004	0.0128	3.5300e-003	4.8000e-004	4.0100e-003		39.0547	39.0547	1.2000e-004	5.9100e-003	40.8175
Worker	0.0446	0.0255	0.4441	1.3400e-003	0.1533	7.0000e-004	0.1540	0.0407	6.5000e-004	0.0413		135.5193	135.5193	2.7000e-003	2.8500e-003	136.4373
Total	0.0680	1.1868	0.7217	6.7800e-003	0.3115	0.0111	0.3226	0.0842	0.0106	0.0948		711.7073	711.7073	3.8100e-003	0.0932	739.5672

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.4 Off-Site Pipeline Work - 2023****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.2800e-003	0.0000	2.2800e-003	3.5000e-004	0.0000	3.5000e-004			0.0000			0.0000
Off-Road	0.3027	3.0714	4.4626	6.2300e-003		0.1516	0.1516		0.1395	0.1395		603.1530	603.1530	0.1951		608.0298
Total	0.3027	3.0714	4.4626	6.2300e-003	2.2800e-003	0.1516	0.1539	3.5000e-004	0.1395	0.1399		603.1530	603.1530	0.1951		608.0298

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	6.3900e-003	0.3266	0.0755	1.5400e-003	0.0442	3.0100e-003	0.0472	0.0121	2.8800e-003	0.0150		162.5723	162.5723	3.0000e-004	0.0256	170.1933
Vendor	2.3000e-003	0.0821	0.0282	3.7000e-004	0.0123	5.0000e-004	0.0128	3.5300e-003	4.8000e-004	4.0100e-003		39.0547	39.0547	1.2000e-004	5.9100e-003	40.8175
Worker	0.0223	0.0128	0.2221	6.7000e-004	0.0766	3.5000e-004	0.0770	0.0203	3.2000e-004	0.0207		67.7597	67.7597	1.3500e-003	1.4300e-003	68.2186
Total	0.0310	0.4215	0.3257	2.5800e-003	0.1331	3.8600e-003	0.1369	0.0360	3.6800e-003	0.0397		269.3867	269.3867	1.7700e-003	0.0329	279.2293

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.4 Off-Site Pipeline Work - 2023****Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.0300e-003	0.0000	1.0300e-003	1.6000e-004	0.0000	1.6000e-004			0.0000			0.0000
Off-Road	0.3027	3.0714	4.4626	6.2300e-003		0.1516	0.1516		0.1395	0.1395	0.0000	603.1530	603.1530	0.1951		608.0298
Total	0.3027	3.0714	4.4626	6.2300e-003	1.0300e-003	0.1516	0.1527	1.6000e-004	0.1395	0.1397	0.0000	603.1530	603.1530	0.1951		608.0298

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	6.3900e-003	0.3266	0.0755	1.5400e-003	0.0442	3.0100e-003	0.0472	0.0121	2.8800e-003	0.0150		162.5723	162.5723	3.0000e-004	0.0256	170.1933
Vendor	2.3000e-003	0.0821	0.0282	3.7000e-004	0.0123	5.0000e-004	0.0128	3.5300e-003	4.8000e-004	4.0100e-003		39.0547	39.0547	1.2000e-004	5.9100e-003	40.8175
Worker	0.0223	0.0128	0.2221	6.7000e-004	0.0766	3.5000e-004	0.0770	0.0203	3.2000e-004	0.0207		67.7597	67.7597	1.3500e-003	1.4300e-003	68.2186
Total	0.0310	0.4215	0.3257	2.5800e-003	0.1331	3.8600e-003	0.1369	0.0360	3.6800e-003	0.0397		269.3867	269.3867	1.7700e-003	0.0329	279.2293

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.5 On-Site Building Construction - 2023****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5939	5.5797	8.8652	0.0129		0.2867	0.2867		0.2638	0.2638		1,251.2895	1,251.2895	0.4047		1,261.4068
Total	0.5939	5.5797	8.8652	0.0129		0.2867	0.2867		0.2638	0.2638		1,251.2895	1,251.2895	0.4047		1,261.4068

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.4600e-003	0.1232	0.0422	5.5000e-004	0.0184	7.5000e-004	0.0191	5.2900e-003	7.2000e-004	6.0200e-003		58.5821	58.5821	1.8000e-004	8.8600e-003	61.2262
Worker	0.0446	0.0255	0.4441	1.3400e-003	0.1533	7.0000e-004	0.1540	0.0407	6.5000e-004	0.0413		135.5193	135.5193	2.7000e-003	2.8500e-003	136.4373
Total	0.0480	0.1487	0.4864	1.8900e-003	0.1717	1.4500e-003	0.1731	0.0459	1.3700e-003	0.0473		194.1014	194.1014	2.8800e-003	0.0117	197.6634

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.5 On-Site Building Construction - 2023****Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5939	5.5797	8.8652	0.0129		0.2867	0.2867		0.2638	0.2638	0.0000	1,251.2895	1,251.2895	0.4047		1,261.4068
Total	0.5939	5.5797	8.8652	0.0129		0.2867	0.2867		0.2638	0.2638	0.0000	1,251.2895	1,251.2895	0.4047		1,261.4068

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.4600e-003	0.1232	0.0422	5.5000e-004	0.0184	7.5000e-004	0.0191	5.2900e-003	7.2000e-004	6.0200e-003		58.5821	58.5821	1.8000e-004	8.8600e-003	61.2262
Worker	0.0446	0.0255	0.4441	1.3400e-003	0.1533	7.0000e-004	0.1540	0.0407	6.5000e-004	0.0413		135.5193	135.5193	2.7000e-003	2.8500e-003	136.4373
Total	0.0480	0.1487	0.4864	1.8900e-003	0.1717	1.4500e-003	0.1731	0.0459	1.3700e-003	0.0473		194.1014	194.1014	2.8800e-003	0.0117	197.6634

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.6 On-Site Paving - 2023****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5140	5.0214	7.6712	0.0119		0.2423	0.2423		0.2229	0.2229		1,151.260 9	1,151.260 9	0.3723		1,160.569 4
Paving	0.1572					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6712	5.0214	7.6712	0.0119		0.2423	0.2423		0.2229	0.2229		1,151.260 9	1,151.260 9	0.3723		1,160.569 4

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3000e-003	0.0821	0.0282	3.7000e-004	0.0123	5.0000e-004	0.0128	3.5300e-003	4.8000e-004	4.0100e-003		39.0547	39.0547	1.2000e-004	5.9100e-003	40.8175
Worker	0.0446	0.0255	0.4441	1.3400e-003	0.1533	7.0000e-004	0.1540	0.0407	6.5000e-004	0.0413		135.5193	135.5193	2.7000e-003	2.8500e-003	136.4373
Total	0.0469	0.1076	0.4723	1.7100e-003	0.1655	1.2000e-003	0.1667	0.0442	1.1300e-003	0.0453		174.5740	174.5740	2.8200e-003	8.7600e-003	177.2547

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.6 On-Site Paving - 2023****Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5140	5.0214	7.6712	0.0119		0.2423	0.2423		0.2229	0.2229	0.0000	1,151.260 9	1,151.260 9	0.3723		1,160.569 4
Paving	0.1572					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6712	5.0214	7.6712	0.0119		0.2423	0.2423		0.2229	0.2229	0.0000	1,151.260 9	1,151.260 9	0.3723		1,160.569 4

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.3000e-003	0.0821	0.0282	3.7000e-004	0.0123	5.0000e-004	0.0128	3.5300e-003	4.8000e-004	4.0100e-003		39.0547	39.0547	1.2000e-004	5.9100e-003	40.8175
Worker	0.0446	0.0255	0.4441	1.3400e-003	0.1533	7.0000e-004	0.1540	0.0407	6.5000e-004	0.0413		135.5193	135.5193	2.7000e-003	2.8500e-003	136.4373
Total	0.0469	0.1076	0.4723	1.7100e-003	0.1655	1.2000e-003	0.1667	0.0442	1.1300e-003	0.0453		174.5740	174.5740	2.8200e-003	8.7600e-003	177.2547

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.2800e-003	0.1053	0.0276	4.8000e-004	0.0138	9.4000e-004	0.0148	3.7900e-003	9.0000e-004	4.6900e-003		50.3972	50.3972	1.1000e-004	7.9200e-003	52.7600
Unmitigated	2.2800e-003	0.1053	0.0276	4.8000e-004	0.0138	9.4000e-004	0.0148	3.7900e-003	9.0000e-004	4.6900e-003		50.3972	50.3972	1.1000e-004	7.9200e-003	52.7600

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	0.99	0.99	0.99	5,761	5,761
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	0.99	0.99	0.99	5,761	5,761

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Light Industry	14.70	6.60	16.00	0.00	0.00	100.00	100	0	0
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Other Asphalt Surfaces	0.466187	0.061512	0.210180	0.153350	0.034639	0.008391	0.014417	0.011935	0.000556	0.000412	0.031993	0.000977	0.005450

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**5.2 Energy by Land Use - NaturalGas****Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Light Industry	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Light Industry	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**6.1 Mitigation Measures Area**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0177	0.0000	5.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.1000e-003	1.1000e-003	0.0000		1.1700e-003
Unmitigated	0.0177	0.0000	5.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.1000e-003	1.1000e-003	0.0000		1.1700e-003

6.2 Area by SubCategory**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0130					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	4.6300e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.0000e-005	0.0000	5.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.1000e-003	1.1000e-003	0.0000		1.1700e-003
Total	0.0177	0.0000	5.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.1000e-003	1.1000e-003	0.0000		1.1700e-003

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**6.2 Area by SubCategory****Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0130					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	4.6300e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.0000e-005	0.0000	5.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.1000e-003	1.1000e-003	0.0000		1.1700e-003
Total	0.0177	0.0000	5.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.1000e-003	1.1000e-003	0.0000		1.1700e-003

7.0 Water Detail**7.1 Mitigation Measures Water**

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

NCSD Wood Energy Boiler Project

Placer-Mountain Counties County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	4.71	1000sqft	0.07	4,715.00	0
Other Asphalt Surfaces	0.30	Acre	0.30	13,068.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	74
Climate Zone	14			Operational Year	2024
Utility Company	Statewide Average				
CO2 Intensity (lb/MWhr)	453.21	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Liberty Utilities is not included in CalEEMod, therefore the Statewide Average GHG intensity is assumed

Land Use - Assumed a General Light Industry use to model the project on a total site of 16,160 sf (0.37 acres)

Construction Phase - Construction schedule based on applicant input

Off-road Equipment - Modeling operations only for existing scenario

Off-road Equipment - Equipment list based on applicant input

Off-road Equipment - Equipment list based on applicant input

Off-road Equipment - Equipment list based on applicant input

Off-road Equipment - Equipment list based on applicant input

Off-road Equipment - Equipment list based on applicant input

Trips and VMT - Adjusted defaults based on applicant input

On-road Fugitive Dust - Default

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Grading - Soil import/export based on applicant input

Architectural Coating -

Vehicle Trips - Proposed Fuel Disposal: trips and trip lengths provided by NCSD and account for chip trucks and ash transport.

Road Dust - Default

Consumer Products - No new employees required but included parking degreaser

Area Coating - Default

Landscape Equipment - Added average snow days for Truckee

Energy Use - Energy load based on high estimate provided by applicant

Water And Wastewater - Negligible water/wastewater usage anticipated

Solid Waste - Negligible municipal solid waste anticipated

Construction Off-road Equipment Mitigation - Watering exposed area 2x and limiting vehicle speed on unpaved roads to 15 mph assumed, based on compliance with PCAPCD Rule 228 (Fugitive Dust)

Operational Off-Road Equipment -

Fleet Mix - All chip vans assumed to have trailer capacity of 120 cubic yards and be heavy-heavy duty trucks

Stationary Sources - Emergency Generators and Fire Pumps - Wood energy boiler emissions estimated in spreadsheet model based on AP42 factors

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	2.00	15.00
tblConstructionPhase	NumDays	2.00	90.00
tblConstructionPhase	NumDays	1.00	10.00
tblConsumerProducts	ROG_EF	2.14E-05	0
tblEnergyUse	LightingElect	1.81	0.00
tblEnergyUse	NT24E	1.85	169.15
tblEnergyUse	NT24NG	0.31	0.00
tblEnergyUse	T24E	0.56	0.00
tblEnergyUse	T24NG	3.17	0.00
tblFleetMix	HHD	0.01	1.00
tblFleetMix	LDA	0.47	0.00
tblFleetMix	LDT1	0.06	0.00

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblFleetMix	LDT2	0.21	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD2	8.3910e-003	0.00
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MDV	0.15	0.00
tblFleetMix	MH	5.4500e-003	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	OBUS	5.5600e-004	0.00
tblFleetMix	SBUS	9.7700e-004	0.00
tblFleetMix	UBUS	4.1200e-004	0.00
tblGrading	MaterialExported	0.00	996.00
tblGrading	MaterialExported	0.00	969.00
tblGrading	MaterialImported	0.00	845.00
tblLandscapeEquipment	NumberSnowDays	0	84
tblLandUse	LandUseSquareFeet	4,710.00	4,715.00
tblLandUse	LotAcreage	0.11	0.07
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	4.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		On-Site Preparation
tblOffRoadEquipment	PhaseName		On-Site Grading
tblOffRoadEquipment	PhaseName		On-Site Building Construction
tblOffRoadEquipment	UsageHours	6.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	5.84	0.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	VendorTripNumber	0.00	2.00
tblTripsAndVMT	WorkerTripNumber	10.00	12.00
tblTripsAndVMT	WorkerTripNumber	5.00	6.00
tblTripsAndVMT	WorkerTripNumber	7.00	12.00
tblTripsAndVMT	WorkerTripNumber	8.00	12.00
tblVehicleTrips	CC_TTP	28.00	0.00
tblVehicleTrips	CNW_TL	6.60	16.00
tblVehicleTrips	CNW_TTP	13.00	100.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	ST_TR	1.99	0.21
tblVehicleTrips	SU_TR	5.00	0.21

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleTrips	WD_TR	4.96	0.21
tblWater	IndoorWaterUseRate	1,089,187.50	0.00

2.0 Emissions Summary**2.1 Overall Construction (Maximum Daily Emission)****Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	1.0780	10.9737	16.4112	0.0320	0.8523	0.4699	1.3222	0.1646	0.4328	0.5974	0.0000	3,168.5786	3,168.5786	0.7195	0.1269	3,224.3927
Maximum	1.0780	10.9737	16.4112	0.0320	0.8523	0.4699	1.3222	0.1646	0.4328	0.5974	0.0000	3,168.5786	3,168.5786	0.7195	0.1269	3,224.3927

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	1.0780	10.9737	16.4112	0.0320	0.6280	0.4699	1.0979	0.1402	0.4328	0.5730	0.0000	3,168.5786	3,168.5786	0.7195	0.1269	3,224.3927
Maximum	1.0780	10.9737	16.4112	0.0320	0.6280	0.4699	1.0979	0.1402	0.4328	0.5730	0.0000	3,168.5786	3,168.5786	0.7195	0.1269	3,224.3927

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	26.32	0.00	16.96	14.86	0.00	4.09	0.00	0.00	0.00	0.00	0.00	0.00

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**2.2 Overall Operational****Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0177	0.0000	5.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.1000e-003	1.1000e-003	0.0000		1.1700e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	2.0900e-003	0.1131	0.0282	4.8000e-004	0.0138	9.4000e-004	0.0148	3.7900e-003	9.0000e-004	4.6900e-003		50.4896	50.4896	1.0000e-004	7.9300e-003	52.8565
Total	0.0197	0.1131	0.0287	4.8000e-004	0.0138	9.4000e-004	0.0148	3.7900e-003	9.0000e-004	4.6900e-003		50.4907	50.4907	1.0000e-004	7.9300e-003	52.8577

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0177	0.0000	5.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.1000e-003	1.1000e-003	0.0000		1.1700e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	2.0900e-003	0.1131	0.0282	4.8000e-004	0.0138	9.4000e-004	0.0148	3.7900e-003	9.0000e-004	4.6900e-003		50.4896	50.4896	1.0000e-004	7.9300e-003	52.8565
Total	0.0197	0.1131	0.0287	4.8000e-004	0.0138	9.4000e-004	0.0148	3.7900e-003	9.0000e-004	4.6900e-003		50.4907	50.4907	1.0000e-004	7.9300e-003	52.8577

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	On-Site Preparation	Site Preparation	7/1/2023	7/14/2023	5	10	
2	On-Site Grading	Grading	7/15/2023	8/4/2023	5	15	
3	Off-Site Pipeline Work	Grading	7/15/2023	11/17/2023	5	90	
4	On-Site Building Construction	Building Construction	8/5/2023	12/22/2023	5	100	
5	On-Site Paving	Paving	12/23/2023	12/29/2023	5	5	

Acres of Grading (Site Preparation Phase): 5**Acres of Grading (Grading Phase): 5.63****Acres of Paving: 0.3****Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)****OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
On-Site Preparation	Excavators	1	8.00	158	0.38
On-Site Preparation	Graders	0	8.00	187	0.41
On-Site Preparation	Tractors/Loaders/Backhoes	2	8.00	97	0.37
On-Site Grading	Excavators	2	8.00	158	0.38
On-Site Grading	Graders	0	6.00	187	0.41
On-Site Grading	Rubber Tired Dozers	0	6.00	247	0.40

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

On-Site Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Off-Site Pipeline Work	Graders	0	6.00	187	0.41
Off-Site Pipeline Work	Rubber Tired Dozers	0	6.00	247	0.40
Off-Site Pipeline Work	Tractors/Loaders/Backhoes	2	8.00	97	0.37
On-Site Building Construction	Cranes	0	4.00	231	0.29
On-Site Building Construction	Excavators	1	8.00	158	0.38
On-Site Building Construction	Forklifts	1	8.00	89	0.20
On-Site Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
On-Site Paving	Cement and Mortar Mixers	0	6.00	9	0.56
On-Site Paving	Pavers	1	8.00	130	0.42
On-Site Paving	Paving Equipment	1	8.00	132	0.36
On-Site Paving	Rollers	0	7.00	80	0.38
On-Site Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
On-Site Preparation	4	10.00	2.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
On-Site Grading	4	12.00	2.00	125.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
Off-Site Pipeline Work	2	6.00	2.00	227.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
On-Site Building Construction	4	12.00	3.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT
On-Site Paving	3	12.00	2.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 On-Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.4914	4.6200	7.7204	0.0114		0.2274	0.2274		0.2092	0.2092		1,103.2586	1,103.2586	0.3568		1,112.1790
Total	0.4914	4.6200	7.7204	0.0114	0.5303	0.2274	0.7577	0.0573	0.2092	0.2665		1,103.2586	1,103.2586	0.3568		1,112.1790

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1300e-003	0.0883	0.0292	3.7000e-004	0.0123	5.0000e-004	0.0128	3.5300e-003	4.8000e-004	4.0100e-003		39.1490	39.1490	1.1000e-004	5.9200e-003	40.9173
Worker	0.0364	0.0266	0.3223	1.0100e-003	0.1277	5.9000e-004	0.1283	0.0339	5.4000e-004	0.0344		101.6874	101.6874	2.4900e-003	2.7600e-003	102.5710
Total	0.0385	0.1149	0.3515	1.3800e-003	0.1400	1.0900e-003	0.1411	0.0374	1.0200e-003	0.0384		140.8365	140.8365	2.6000e-003	8.6800e-003	143.4883

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 On-Site Preparation - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.2386	0.0000	0.2386	0.0258	0.0000	0.0258			0.0000			0.0000
Off-Road	0.4914	4.6200	7.7204	0.0114		0.2274	0.2274		0.2092	0.2092	0.0000	1,103.2586	1,103.2586	0.3568		1,112.1790
Total	0.4914	4.6200	7.7204	0.0114	0.2386	0.2274	0.4660	0.0258	0.2092	0.2350	0.0000	1,103.2586	1,103.2586	0.3568		1,112.1790

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1300e-003	0.0883	0.0292	3.7000e-004	0.0123	5.0000e-004	0.0128	3.5300e-003	4.8000e-004	4.0100e-003		39.1490	39.1490	1.1000e-004	5.9200e-003	40.9173
Worker	0.0364	0.0266	0.3223	1.0100e-003	0.1277	5.9000e-004	0.1283	0.0339	5.4000e-004	0.0344		101.6874	101.6874	2.4900e-003	2.7600e-003	102.5710
Total	0.0385	0.1149	0.3515	1.3800e-003	0.1400	1.0900e-003	0.1411	0.0374	1.0200e-003	0.0384		140.8365	140.8365	2.6000e-003	8.6800e-003	143.4883

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.3 On-Site Grading - 2023****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.4056	0.0000	0.4056	0.0441	0.0000	0.0441			0.0000			0.0000
Off-Road	0.6801	6.1686	10.9782	0.0166		0.3032	0.3032		0.2790	0.2790		1,603.364 3	1,603.364 3	0.5186		1,616.328 3
Total	0.6801	6.1686	10.9782	0.0166	0.4056	0.3032	0.7088	0.0441	0.2790	0.3231		1,603.364 3	1,603.364 3	0.5186		1,616.328 3

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0195	1.1586	0.2547	5.0800e-003	0.1459	9.9600e-003	0.1559	0.0400	9.5300e-003	0.0495		537.9165	537.9165	9.1000e-004	0.0845	563.1312
Vendor	2.1300e-003	0.0883	0.0292	3.7000e-004	0.0123	5.0000e-004	0.0128	3.5300e-003	4.8000e-004	4.0100e-003		39.1490	39.1490	1.1000e-004	5.9200e-003	40.9173
Worker	0.0436	0.0319	0.3868	1.2100e-003	0.1533	7.0000e-004	0.1540	0.0407	6.5000e-004	0.0413		122.0249	122.0249	2.9900e-003	3.3100e-003	123.0852
Total	0.0653	1.2788	0.6707	6.6600e-003	0.3115	0.0112	0.3226	0.0842	0.0107	0.0948		699.0904	699.0904	4.0100e-003	0.0938	727.1337

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.3 On-Site Grading - 2023****Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1825	0.0000	0.1825	0.0199	0.0000	0.0199			0.0000			0.0000
Off-Road	0.6801	6.1686	10.9782	0.0166		0.3032	0.3032		0.2790	0.2790	0.0000	1,603.364 3	1,603.364 3	0.5186		1,616.328 3
Total	0.6801	6.1686	10.9782	0.0166	0.1825	0.3032	0.4857	0.0199	0.2790	0.2988	0.0000	1,603.364 3	1,603.364 3	0.5186		1,616.328 3

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0195	1.1586	0.2547	5.0800e-003	0.1459	9.9600e-003	0.1559	0.0400	9.5300e-003	0.0495		537.9165	537.9165	9.1000e-004	0.0845	563.1312
Vendor	2.1300e-003	0.0883	0.0292	3.7000e-004	0.0123	5.0000e-004	0.0128	3.5300e-003	4.8000e-004	4.0100e-003		39.1490	39.1490	1.1000e-004	5.9200e-003	40.9173
Worker	0.0436	0.0319	0.3868	1.2100e-003	0.1533	7.0000e-004	0.1540	0.0407	6.5000e-004	0.0413		122.0249	122.0249	2.9900e-003	3.3100e-003	123.0852
Total	0.0653	1.2788	0.6707	6.6600e-003	0.3115	0.0112	0.3226	0.0842	0.0107	0.0948		699.0904	699.0904	4.0100e-003	0.0938	727.1337

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.4 Off-Site Pipeline Work - 2023****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.2800e-003	0.0000	2.2800e-003	3.5000e-004	0.0000	3.5000e-004			0.0000			0.0000
Off-Road	0.3027	3.0714	4.4626	6.2300e-003		0.1516	0.1516		0.1395	0.1395		603.1530	603.1530	0.1951		608.0298
Total	0.3027	3.0714	4.4626	6.2300e-003	2.2800e-003	0.1516	0.1539	3.5000e-004	0.1395	0.1399		603.1530	603.1530	0.1951		608.0298

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	5.9100e-003	0.3507	0.0771	1.5400e-003	0.0442	3.0100e-003	0.0472	0.0121	2.8800e-003	0.0150		162.8094	162.8094	2.8000e-004	0.0256	170.4411
Vendor	2.1300e-003	0.0883	0.0292	3.7000e-004	0.0123	5.0000e-004	0.0128	3.5300e-003	4.8000e-004	4.0100e-003		39.1490	39.1490	1.1000e-004	5.9200e-003	40.9173
Worker	0.0218	0.0160	0.1934	6.0000e-004	0.0766	3.5000e-004	0.0770	0.0203	3.2000e-004	0.0207		61.0125	61.0125	1.5000e-003	1.6500e-003	61.5426
Total	0.0299	0.4549	0.2997	2.5100e-003	0.1331	3.8600e-003	0.1369	0.0360	3.6800e-003	0.0397		262.9709	262.9709	1.8900e-003	0.0332	272.9010

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.4 Off-Site Pipeline Work - 2023****Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.0300e-003	0.0000	1.0300e-003	1.6000e-004	0.0000	1.6000e-004			0.0000			0.0000
Off-Road	0.3027	3.0714	4.4626	6.2300e-003		0.1516	0.1516		0.1395	0.1395	0.0000	603.1530	603.1530	0.1951		608.0298
Total	0.3027	3.0714	4.4626	6.2300e-003	1.0300e-003	0.1516	0.1527	1.6000e-004	0.1395	0.1397	0.0000	603.1530	603.1530	0.1951		608.0298

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	5.9100e-003	0.3507	0.0771	1.5400e-003	0.0442	3.0100e-003	0.0472	0.0121	2.8800e-003	0.0150		162.8094	162.8094	2.8000e-004	0.0256	170.4411
Vendor	2.1300e-003	0.0883	0.0292	3.7000e-004	0.0123	5.0000e-004	0.0128	3.5300e-003	4.8000e-004	4.0100e-003		39.1490	39.1490	1.1000e-004	5.9200e-003	40.9173
Worker	0.0218	0.0160	0.1934	6.0000e-004	0.0766	3.5000e-004	0.0770	0.0203	3.2000e-004	0.0207		61.0125	61.0125	1.5000e-003	1.6500e-003	61.5426
Total	0.0299	0.4549	0.2997	2.5100e-003	0.1331	3.8600e-003	0.1369	0.0360	3.6800e-003	0.0397		262.9709	262.9709	1.8900e-003	0.0332	272.9010

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.5 On-Site Building Construction - 2023****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5939	5.5797	8.8652	0.0129		0.2867	0.2867		0.2638	0.2638		1,251.2895	1,251.2895	0.4047		1,261.4068
Total	0.5939	5.5797	8.8652	0.0129		0.2867	0.2867		0.2638	0.2638		1,251.2895	1,251.2895	0.4047		1,261.4068

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.2000e-003	0.1324	0.0438	5.6000e-004	0.0184	7.6000e-004	0.0191	5.2900e-003	7.2000e-004	6.0200e-003		58.7236	58.7236	1.7000e-004	8.8900e-003	61.3760
Worker	0.0436	0.0319	0.3868	1.2100e-003	0.1533	7.0000e-004	0.1540	0.0407	6.5000e-004	0.0413		122.0249	122.0249	2.9900e-003	3.3100e-003	123.0852
Total	0.0468	0.1643	0.4306	1.7700e-003	0.1717	1.4600e-003	0.1731	0.0459	1.3700e-003	0.0473		180.7485	180.7485	3.1600e-003	0.0122	184.4612

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 On-Site Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5939	5.5797	8.8652	0.0129		0.2867	0.2867		0.2638	0.2638	0.0000	1,251.2895	1,251.2895	0.4047		1,261.4068
Total	0.5939	5.5797	8.8652	0.0129		0.2867	0.2867		0.2638	0.2638	0.0000	1,251.2895	1,251.2895	0.4047		1,261.4068

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	3.2000e-003	0.1324	0.0438	5.6000e-004	0.0184	7.6000e-004	0.0191	5.2900e-003	7.2000e-004	6.0200e-003		58.7236	58.7236	1.7000e-004	8.8900e-003	61.3760
Worker	0.0436	0.0319	0.3868	1.2100e-003	0.1533	7.0000e-004	0.1540	0.0407	6.5000e-004	0.0413		122.0249	122.0249	2.9900e-003	3.3100e-003	123.0852
Total	0.0468	0.1643	0.4306	1.7700e-003	0.1717	1.4600e-003	0.1731	0.0459	1.3700e-003	0.0473		180.7485	180.7485	3.1600e-003	0.0122	184.4612

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.6 On-Site Paving - 2023****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5140	5.0214	7.6712	0.0119		0.2423	0.2423		0.2229	0.2229		1,151.2609	1,151.2609	0.3723		1,160.5694
Paving	0.1572					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6712	5.0214	7.6712	0.0119		0.2423	0.2423		0.2229	0.2229		1,151.2609	1,151.2609	0.3723		1,160.5694

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1300e-003	0.0883	0.0292	3.7000e-004	0.0123	5.0000e-004	0.0128	3.5300e-003	4.8000e-004	4.0100e-003		39.1490	39.1490	1.1000e-004	5.9200e-003	40.9173
Worker	0.0436	0.0319	0.3868	1.2100e-003	0.1533	7.0000e-004	0.1540	0.0407	6.5000e-004	0.0413		122.0249	122.0249	2.9900e-003	3.3100e-003	123.0852
Total	0.0458	0.1202	0.4160	1.5800e-003	0.1655	1.2000e-003	0.1667	0.0442	1.1300e-003	0.0453		161.1740	161.1740	3.1000e-003	9.2300e-003	164.0025

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.6 On-Site Paving - 2023****Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5140	5.0214	7.6712	0.0119		0.2423	0.2423		0.2229	0.2229	0.0000	1,151.2609	1,151.2609	0.3723		1,160.5694
Paving	0.1572					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.6712	5.0214	7.6712	0.0119		0.2423	0.2423		0.2229	0.2229	0.0000	1,151.2609	1,151.2609	0.3723		1,160.5694

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1300e-003	0.0883	0.0292	3.7000e-004	0.0123	5.0000e-004	0.0128	3.5300e-003	4.8000e-004	4.0100e-003		39.1490	39.1490	1.1000e-004	5.9200e-003	40.9173
Worker	0.0436	0.0319	0.3868	1.2100e-003	0.1533	7.0000e-004	0.1540	0.0407	6.5000e-004	0.0413		122.0249	122.0249	2.9900e-003	3.3100e-003	123.0852
Total	0.0458	0.1202	0.4160	1.5800e-003	0.1655	1.2000e-003	0.1667	0.0442	1.1300e-003	0.0453		161.1740	161.1740	3.1000e-003	9.2300e-003	164.0025

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	2.0900e-003	0.1131	0.0282	4.8000e-004	0.0138	9.4000e-004	0.0148	3.7900e-003	9.0000e-004	4.6900e-003		50.4896	50.4896	1.0000e-004	7.9300e-003	52.8565
Unmitigated	2.0900e-003	0.1131	0.0282	4.8000e-004	0.0138	9.4000e-004	0.0148	3.7900e-003	9.0000e-004	4.6900e-003		50.4896	50.4896	1.0000e-004	7.9300e-003	52.8565

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	0.99	0.99	0.99	5,761	5,761
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	0.99	0.99	0.99	5,761	5,761

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Light Industry	14.70	6.60	16.00	0.00	0.00	100.00	100	0	0
Other Asphalt Surfaces	14.70	6.60	6.60	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Other Asphalt Surfaces	0.466187	0.061512	0.210180	0.153350	0.034639	0.008391	0.014417	0.011935	0.000556	0.000412	0.031993	0.000977	0.005450

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Unmitigated	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**5.2 Energy by Land Use - NaturalGas****Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Light Industry	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Light Industry	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

6.0 Area Detail

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**6.1 Mitigation Measures Area**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0177	0.0000	5.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.1000e-003	1.1000e-003	0.0000		1.1700e-003
Unmitigated	0.0177	0.0000	5.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.1000e-003	1.1000e-003	0.0000		1.1700e-003

6.2 Area by SubCategory**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0130					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	4.6300e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.0000e-005	0.0000	5.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.1000e-003	1.1000e-003	0.0000		1.1700e-003
Total	0.0177	0.0000	5.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.1000e-003	1.1000e-003	0.0000		1.1700e-003

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**6.2 Area by SubCategory****Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0130					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	4.6300e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	5.0000e-005	0.0000	5.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.1000e-003	1.1000e-003	0.0000		1.1700e-003
Total	0.0177	0.0000	5.1000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		1.1000e-003	1.1000e-003	0.0000		1.1700e-003

7.0 Water Detail**7.1 Mitigation Measures Water**

NCSD Wood Energy Boiler Project - Placer-Mountain Counties County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

NCSD Wood Energy Boiler Project - Existing Scenario - Placer-Mountain Counties County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**NCSD Wood Energy Boiler Project - Existing Scenario****Placer-Mountain Counties County, Annual****1.0 Project Characteristics****1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	1.00	1000sqft	0.02	1,000.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	74
Climate Zone	14			Operational Year	2022
Utility Company	Statewide Average				
CO2 Intensity (lb/MWhr)	453.21	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Liberty Utilities is not included in CalEEMod, therefore the Statewide Average GHG intensity is assumed

Land Use - Assumed a General Light Industry use to model the existing TTSD fuel disposal at Full Circle Compost and the natural gas in the district to be offset by the project

Construction Phase - Modeling operations only for existing scenario

Off-road Equipment - Modeling operations only for existing scenario

Architectural Coating - Modeling operations only for existing scenario

Vehicle Trips - Current TTSD Fuel Disposal: trips and trip lengths provided by NCSD.

Consumer Products - Not modeled

Area Coating - Not modeled

Energy Use - Adjusted operational energy use to account for the natural gas combustion to be offset by the project

Fleet Mix - All chip vans assumed to have trailer capacity of 120 cubic yards and be heavy-heavy duty trucks

Landscape Equipment - Not modeled

NCSD Wood Energy Boiler Project - Existing Scenario - Placer-Mountain Counties County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Water And Wastewater - Not modeled

Solid Waste - Not modeled

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	500.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	1,500.00	0.00
tblAreaCoating	Area_Nonresidential_Exterior	500	0
tblAreaCoating	Area_Nonresidential_Interior	1500	0
tblConsumerProducts	ROG_EF	2.14E-05	0
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	0
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	0
tblEnergyUse	LightingElect	1.81	0.00
tblEnergyUse	NT24E	1.85	0.00
tblEnergyUse	NT24NG	0.31	25,113.83
tblEnergyUse	T24E	0.56	0.00
tblEnergyUse	T24NG	3.17	25,113.83
tblFleetMix	HHD	0.01	1.00
tblFleetMix	LDA	0.46	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT2	0.21	0.00
tblFleetMix	LHD1	0.04	0.00
tblFleetMix	LHD2	8.7330e-003	0.00
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MDV	0.16	0.00
tblFleetMix	MH	6.0190e-003	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	OBUS	5.7900e-004	0.00
tblFleetMix	SBUS	1.0020e-003	0.00
tblFleetMix	UBUS	3.8500e-004	0.00
tblLandscapeEquipment	NumberSummerDays	180	0

NCSD Wood Energy Boiler Project - Existing Scenario - Placer-Mountain Counties County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	1.24	0.00
tblVehicleTrips	CC_TL	6.60	0.00
tblVehicleTrips	CC_TTP	28.00	0.00
tblVehicleTrips	CNW_TL	6.60	74.00
tblVehicleTrips	CNW_TTP	13.00	100.00
tblVehicleTrips	CW_TL	14.70	0.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	ST_TR	1.99	0.90
tblVehicleTrips	SU_TR	5.00	0.90
tblVehicleTrips	WD_TR	4.96	0.90
tblWater	IndoorWaterUseRate	231,250.00	0.00

2.0 Emissions Summary

NCSD Wood Energy Boiler Project - Existing Scenario - Placer-Mountain Counties County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**2.1 Overall Construction****Unmitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Maximum	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
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NCSD Wood Energy Boiler Project - Existing Scenario - Placer-Mountain Counties County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Highest

2.2 Overall Operational**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Energy	0.2708	2.4621	2.0682	0.0148		0.1871	0.1871		0.1871	0.1871	0.0000	2,680.3387	2,680.3387	0.0514	0.0491	2,696.2666
Mobile	1.7600e-003	0.0862	0.0112	3.7000e-004	0.0102	8.9000e-004	0.0111	2.8200e-003	8.5000e-004	3.6700e-003	0.0000	35.3479	35.3479	7.0000e-005	5.5600e-003	37.0052
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.2726	2.5483	2.0794	0.0151	0.0102	0.1880	0.1983	2.8200e-003	0.1880	0.1908	0.0000	2,715.6866	2,715.6866	0.0514	0.0547	2,733.2718

NCSD Wood Energy Boiler Project - Existing Scenario - Placer-Mountain Counties County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Energy	0.2708	2.4621	2.0682	0.0148		0.1871	0.1871		0.1871	0.1871	0.0000	2,680.3387	2,680.3387	0.0514	0.0491	2,696.2666
Mobile	1.7600e-003	0.0862	0.0112	3.7000e-004	0.0102	8.9000e-004	0.0111	2.8200e-003	8.5000e-004	3.6700e-003	0.0000	35.3479	35.3479	7.0000e-005	5.5600e-003	37.0052
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.2726	2.5483	2.0794	0.0151	0.0102	0.1880	0.1983	2.8200e-003	0.1880	0.1908	0.0000	2,715.6866	2,715.6866	0.0514	0.0547	2,733.2718

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Architectural Coating	Architectural Coating	8/5/2022	8/11/2022	5	5	

Acres of Grading (Site Preparation Phase): 0

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	0	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	0	0.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Architectural Coating - 2022

Unmitigated Construction On-Site

[illegible]

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Unmitigated Construction Off-Site

[illegible]

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Mitigated Construction Off-Site

[illegible]

NCSD Wood Energy Boiler Project - Existing Scenario - Placer-Mountain Counties County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.7600e-003	0.0862	0.0112	3.7000e-004	0.0102	8.9000e-004	0.0111	2.8200e-003	8.5000e-004	3.6700e-003	0.0000	35.3479	35.3479	7.0000e-005	5.5600e-003	37.0052
Unmitigated	1.7600e-003	0.0862	0.0112	3.7000e-004	0.0102	8.9000e-004	0.0111	2.8200e-003	8.5000e-004	3.6700e-003	0.0000	35.3479	35.3479	7.0000e-005	5.5600e-003	37.0052

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	0.90	0.90	0.90	24,353	24,353
Total	0.90	0.90	0.90	24,353	24,353

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Light Industry	0.00	0.00	74.00	0.00	0.00	100.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000

NCSD Wood Energy Boiler Project - Existing Scenario - Placer-Mountain Counties County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**5.0 Energy Detail**

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
NaturalGas Mitigated	0.2708	2.4621	2.0682	0.0148		0.1871	0.1871		0.1871	0.1871	0.0000	2,680.3387	2,680.3387	0.0514	0.0491	2,696.2666
NaturalGas Unmitigated	0.2708	2.4621	2.0682	0.0148		0.1871	0.1871		0.1871	0.1871	0.0000	2,680.3387	2,680.3387	0.0514	0.0491	2,696.2666

NCSD Wood Energy Boiler Project - Existing Scenario - Placer-Mountain Counties County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**5.2 Energy by Land Use - NaturalGas****Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Light Industry	5.02277e+007	0.2708	2.4621	2.0682	0.0148		0.1871	0.1871		0.1871	0.1871	0.0000	2,680.3387	2,680.3387	0.0514	0.0491	2,696.2666
Total		0.2708	2.4621	2.0682	0.0148		0.1871	0.1871		0.1871	0.1871	0.0000	2,680.3387	2,680.3387	0.0514	0.0491	2,696.2666

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Light Industry	5.02277e+007	0.2708	2.4621	2.0682	0.0148		0.1871	0.1871		0.1871	0.1871	0.0000	2,680.3387	2,680.3387	0.0514	0.0491	2,696.2666
Total		0.2708	2.4621	2.0682	0.0148		0.1871	0.1871		0.1871	0.1871	0.0000	2,680.3387	2,680.3387	0.0514	0.0491	2,696.2666

NCSD Wood Energy Boiler Project - Existing Scenario - Placer-Mountain Counties County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**5.3 Energy by Land Use - Electricity****Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

6.0 Area Detail**6.1 Mitigation Measures Area**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

[illegible]

Unmitigated

[illegible]

NCSD Wood Energy Boiler Project - Existing Scenario - Placer-Mountain Counties County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**6.2 Area by SubCategory****Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

7.0 Water Detail**7.1 Mitigation Measures Water**

NCSD Wood Energy Boiler Project - Existing Scenario - Placer-Mountain Counties County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

7.2 Water by Land Use**Unmitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

NCSD Wood Energy Boiler Project - Existing Scenario - Placer-Mountain Counties County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**7.2 Water by Land Use****Mitigated**

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Light Industry	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

8.0 Waste Detail**8.1 Mitigation Measures Waste****Category/Year**

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

NCSD Wood Energy Boiler Project - Existing Scenario - Placer-Mountain Counties County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**8.2 Waste by Land Use****Unmitigated**

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Light Industry	0	0.0000	0.0000	0.0000	0.0000
Total		0.0000	0.0000	0.0000	0.0000

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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NCSD Wood Energy Boiler Project - Existing Scenario - Placer-Mountain Counties County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

NCSD Wood Energy Boiler Project - Existing Scenario - Placer-Mountain Counties County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**NCSD Wood Energy Boiler Project - Existing Scenario****Placer-Mountain Counties County, Summer****1.0 Project Characteristics****1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	1.00	1000sqft	0.02	1,000.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	74
Climate Zone	14			Operational Year	2022
Utility Company	Statewide Average				
CO2 Intensity (lb/MWhr)	453.21	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Liberty Utilities is not included in CalEEMod, therefore the Statewide Average GHG intensity is assumed

Land Use - Assumed a General Light Industry use to model the existing TTSD fuel disposal at Full Circle Compost and the natural gas in the district to be offset by the project

Construction Phase - Modeling operations only for existing scenario

Off-road Equipment - Modeling operations only for existing scenario

Architectural Coating - Modeling operations only for existing scenario

Vehicle Trips - Current TTSD Fuel Disposal: trips and trip lengths provided by NCSD.

Consumer Products - Not modeled

Area Coating - Not modeled

Energy Use - Adjusted operational energy use to account for the natural gas combustion to be offset by the project

Fleet Mix - All chip vans assumed to have trailer capacity of 120 cubic yards and be heavy-heavy duty trucks

Landscape Equipment - Not modeled

NCSD Wood Energy Boiler Project - Existing Scenario - Placer-Mountain Counties County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Water And Wastewater - Not modeled

Solid Waste - Not modeled

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	500.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	1,500.00	0.00
tblAreaCoating	Area_Nonresidential_Exterior	500	0
tblAreaCoating	Area_Nonresidential_Interior	1500	0
tblConsumerProducts	ROG_EF	2.14E-05	0
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	0
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	0
tblEnergyUse	LightingElect	1.81	0.00
tblEnergyUse	NT24E	1.85	0.00
tblEnergyUse	NT24NG	0.31	25,113.83
tblEnergyUse	T24E	0.56	0.00
tblEnergyUse	T24NG	3.17	25,113.83
tblFleetMix	HHD	0.01	1.00
tblFleetMix	LDA	0.46	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT2	0.21	0.00
tblFleetMix	LHD1	0.04	0.00
tblFleetMix	LHD2	8.7330e-003	0.00
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MDV	0.16	0.00
tblFleetMix	MH	6.0190e-003	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	OBUS	5.7900e-004	0.00
tblFleetMix	SBUS	1.0020e-003	0.00
tblFleetMix	UBUS	3.8500e-004	0.00
tblLandscapeEquipment	NumberSummerDays	180	0

NCSD Wood Energy Boiler Project - Existing Scenario - Placer-Mountain Counties County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	1.24	0.00
tblVehicleTrips	CC_TL	6.60	0.00
tblVehicleTrips	CC_TTP	28.00	0.00
tblVehicleTrips	CNW_TL	6.60	74.00
tblVehicleTrips	CNW_TTP	13.00	100.00
tblVehicleTrips	CW_TL	14.70	0.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	ST_TR	1.99	0.90
tblVehicleTrips	SU_TR	5.00	0.90
tblVehicleTrips	WD_TR	4.96	0.90
tblWater	IndoorWaterUseRate	231,250.00	0.00

2.0 Emissions Summary

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Unmitigated Construction

Mitigated Construction

[illegible]

NCSD Wood Energy Boiler Project - Existing Scenario - Placer-Mountain Counties County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**2.2 Overall Operational****Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Energy	1.4840	13.4912	11.3326	0.0810		1.0253	1.0253		1.0253	1.0253		16,189.4118	16,189.4118	0.3103	0.2968	16,285.6173
Mobile	9.7300e-003	0.4495	0.0611	2.0200e-003	0.0585	4.9100e-003	0.0634	0.0160	4.7000e-003	0.0207		214.3243	214.3243	4.5000e-004	0.0337	224.3728
Total	1.4938	13.9407	11.3937	0.0830	0.0585	1.0302	1.0887	0.0160	1.0300	1.0461		16,403.7363	16,403.7363	0.3108	0.3305	16,509.9904

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Energy	1.4840	13.4912	11.3326	0.0810		1.0253	1.0253		1.0253	1.0253		16,189.4118	16,189.4118	0.3103	0.2968	16,285.6173
Mobile	9.7300e-003	0.4495	0.0611	2.0200e-003	0.0585	4.9100e-003	0.0634	0.0160	4.7000e-003	0.0207		214.3243	214.3243	4.5000e-004	0.0337	224.3728
Total	1.4938	13.9407	11.3937	0.0830	0.0585	1.0302	1.0887	0.0160	1.0300	1.0461		16,403.7363	16,403.7363	0.3108	0.3305	16,509.9904

NCSD Wood Energy Boiler Project - Existing Scenario - Placer-Mountain Counties County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Architectural Coating	Architectural Coating	8/5/2022	8/11/2022	5	5	

Acres of Grading (Site Preparation Phase): 0**Acres of Grading (Grading Phase): 0****Acres of Paving: 0****Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)****OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	0	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	0	0.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

NCSD Wood Energy Boiler Project - Existing Scenario - Placer-Mountain Counties County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.2 Architectural Coating - 2022****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

NCSD Wood Energy Boiler Project - Existing Scenario - Placer-Mountain Counties County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.2 Architectural Coating - 2022****Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

NCSD Wood Energy Boiler Project - Existing Scenario - Placer-Mountain Counties County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	9.7300e-003	0.4495	0.0611	2.0200e-003	0.0585	4.9100e-003	0.0634	0.0160	4.7000e-003	0.0207		214.3243	214.3243	4.5000e-004	0.0337	224.3728
Unmitigated	9.7300e-003	0.4495	0.0611	2.0200e-003	0.0585	4.9100e-003	0.0634	0.0160	4.7000e-003	0.0207		214.3243	214.3243	4.5000e-004	0.0337	224.3728

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	0.90	0.90	0.90	24,353	24,353
Total	0.90	0.90	0.90	24,353	24,353

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Light Industry	0.00	0.00	74.00	0.00	0.00	100.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000

NCSD Wood Energy Boiler Project - Existing Scenario - Placer-Mountain Counties County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**5.0 Energy Detail**

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.4840	13.4912	11.3326	0.0810		1.0253	1.0253		1.0253	1.0253		16,189.41 18	16,189.41 18	0.3103	0.2968	16,285.61 73
NaturalGas Unmitigated	1.4840	13.4912	11.3326	0.0810		1.0253	1.0253		1.0253	1.0253		16,189.41 18	16,189.41 18	0.3103	0.2968	16,285.61 73

5.2 Energy by Land Use - NaturalGas**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Light Industry	137610	1.4840	13.4912	11.3326	0.0810		1.0253	1.0253		1.0253	1.0253		16,189.41 18	16,189.41 18	0.3103	0.2968	16,285.61 73
Total		1.4840	13.4912	11.3326	0.0810		1.0253	1.0253		1.0253	1.0253		16,189.41 18	16,189.41 18	0.3103	0.2968	16,285.61 73

NCSD Wood Energy Boiler Project - Existing Scenario - Placer-Mountain Counties County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Light Industry	137.61	1.4840	13.4912	11.3326	0.0810		1.0253	1.0253		1.0253	1.0253		16,189.4118	16,189.4118	0.3103	0.2968	16,285.6173
Total		1.4840	13.4912	11.3326	0.0810		1.0253	1.0253		1.0253	1.0253		16,189.4118	16,189.4118	0.3103	0.2968	16,285.6173

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Unmitigated	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004

NCSD Wood Energy Boiler Project - Existing Scenario - Placer-Mountain Counties County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**6.2 Area by SubCategory****Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Total	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004

NCSD Wood Energy Boiler Project - Existing Scenario - Placer-Mountain Counties County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**6.2 Area by SubCategory****Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Total	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004

7.0 Water Detail**7.1 Mitigation Measures Water**

NCSD Wood Energy Boiler Project - Existing Scenario - Placer-Mountain Counties County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**8.0 Waste Detail**

8.1 Mitigation Measures Waste**9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

NCSD Wood Energy Boiler Project - Existing Scenario - Placer-Mountain Counties County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**NCSD Wood Energy Boiler Project - Existing Scenario****Placer-Mountain Counties County, Winter****1.0 Project Characteristics****1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Light Industry	1.00	1000sqft	0.02	1,000.00	0

1.2 Other Project Characteristics

Urbanization	Rural	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	74
Climate Zone	14			Operational Year	2022
Utility Company	Statewide Average				
CO2 Intensity (lb/MWhr)	453.21	CH4 Intensity (lb/MWhr)	0.033	N2O Intensity (lb/MWhr)	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Liberty Utilities is not included in CalEEMod, therefore the Statewide Average GHG intensity is assumed

Land Use - Assumed a General Light Industry use to model the existing TTSD fuel disposal at Full Circle Compost and the natural gas in the district to be offset by the project

Construction Phase - Modeling operations only for existing scenario

Off-road Equipment - Modeling operations only for existing scenario

Architectural Coating - Modeling operations only for existing scenario

Vehicle Trips - Current TTSD Fuel Disposal: trips and trip lengths provided by NCSD.

Consumer Products - Not modeled

Area Coating - Not modeled

Energy Use - Adjusted operational energy use to account for the natural gas combustion to be offset by the project

Fleet Mix - All chip vans assumed to have trailer capacity of 120 cubic yards and be heavy-heavy duty trucks

Landscape Equipment - Not modeled

NCSD Wood Energy Boiler Project - Existing Scenario - Placer-Mountain Counties County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Water And Wastewater - Not modeled

Solid Waste - Not modeled

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Nonresidential_Exterior	500.00	0.00
tblArchitecturalCoating	ConstArea_Nonresidential_Interior	1,500.00	0.00
tblAreaCoating	Area_Nonresidential_Exterior	500	0
tblAreaCoating	Area_Nonresidential_Interior	1500	0
tblConsumerProducts	ROG_EF	2.14E-05	0
tblConsumerProducts	ROG_EF_Degreaser	3.542E-07	0
tblConsumerProducts	ROG_EF_PesticidesFertilizers	5.152E-08	0
tblEnergyUse	LightingElect	1.81	0.00
tblEnergyUse	NT24E	1.85	0.00
tblEnergyUse	NT24NG	0.31	25,113.83
tblEnergyUse	T24E	0.56	0.00
tblEnergyUse	T24NG	3.17	25,113.83
tblFleetMix	HHD	0.01	1.00
tblFleetMix	LDA	0.46	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT2	0.21	0.00
tblFleetMix	LHD1	0.04	0.00
tblFleetMix	LHD2	8.7330e-003	0.00
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MDV	0.16	0.00
tblFleetMix	MH	6.0190e-003	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	OBUS	5.7900e-004	0.00
tblFleetMix	SBUS	1.0020e-003	0.00
tblFleetMix	UBUS	3.8500e-004	0.00
tblLandscapeEquipment	NumberSummerDays	180	0

NCSD Wood Energy Boiler Project - Existing Scenario - Placer-Mountain Counties County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	UrbanizationLevel	Urban	Rural
tblSolidWaste	SolidWasteGenerationRate	1.24	0.00
tblVehicleTrips	CC_TL	6.60	0.00
tblVehicleTrips	CC_TTP	28.00	0.00
tblVehicleTrips	CNW_TL	6.60	74.00
tblVehicleTrips	CNW_TTP	13.00	100.00
tblVehicleTrips	CW_TL	14.70	0.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	ST_TR	1.99	0.90
tblVehicleTrips	SU_TR	5.00	0.90
tblVehicleTrips	WD_TR	4.96	0.90
tblWater	IndoorWaterUseRate	231,250.00	0.00

2.0 Emissions Summary

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Unmitigated Construction

Mitigated Construction

[illegible]

NCSD Wood Energy Boiler Project - Existing Scenario - Placer-Mountain Counties County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**2.2 Overall Operational****Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Energy	1.4840	13.4912	11.3326	0.0810		1.0253	1.0253		1.0253	1.0253		16,189.4118	16,189.4118	0.3103	0.2968	16,285.6173
Mobile	9.5800e-003	0.4815	0.0617	2.0300e-003	0.0585	4.9100e-003	0.0634	0.0160	4.7000e-003	0.0207		214.3737	214.3737	4.5000e-004	0.0337	224.4246
Total	1.4936	13.9727	11.3944	0.0830	0.0585	1.0302	1.0887	0.0160	1.0300	1.0461		16,403.7857	16,403.7857	0.3108	0.3305	16,510.0422

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Energy	1.4840	13.4912	11.3326	0.0810		1.0253	1.0253		1.0253	1.0253		16,189.4118	16,189.4118	0.3103	0.2968	16,285.6173
Mobile	9.5800e-003	0.4815	0.0617	2.0300e-003	0.0585	4.9100e-003	0.0634	0.0160	4.7000e-003	0.0207		214.3737	214.3737	4.5000e-004	0.0337	224.4246
Total	1.4936	13.9727	11.3944	0.0830	0.0585	1.0302	1.0887	0.0160	1.0300	1.0461		16,403.7857	16,403.7857	0.3108	0.3305	16,510.0422

NCS D Wood Energy Boiler Project - Existing Scenario - Placer-Mountain Counties County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Architectural Coating	Architectural Coating	8/5/2022	8/11/2022	5	5	

Acres of Grading (Site Preparation Phase): 0**Acres of Grading (Grading Phase): 0****Acres of Paving: 0****Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)****OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	0	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Architectural Coating	0	0.00	0.00	0.00	16.80	6.60	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

NCS Wood Energy Boiler Project - Existing Scenario - Placer-Mountain Counties County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.2 Architectural Coating - 2022****Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

NCS Wood Energy Boiler Project - Existing Scenario - Placer-Mountain Counties County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**3.2 Architectural Coating - 2022****Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000

NCSD Wood Energy Boiler Project - Existing Scenario - Placer-Mountain Counties County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	9.5800e-003	0.4815	0.0617	2.0300e-003	0.0585	4.9100e-003	0.0634	0.0160	4.7000e-003	0.0207		214.3737	214.3737	4.5000e-004	0.0337	224.4246
Unmitigated	9.5800e-003	0.4815	0.0617	2.0300e-003	0.0585	4.9100e-003	0.0634	0.0160	4.7000e-003	0.0207		214.3737	214.3737	4.5000e-004	0.0337	224.4246

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Light Industry	0.90	0.90	0.90	24,353	24,353
Total	0.90	0.90	0.90	24,353	24,353

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Light Industry	0.00	0.00	74.00	0.00	0.00	100.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Light Industry	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000

NCSD Wood Energy Boiler Project - Existing Scenario - Placer-Mountain Counties County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**5.0 Energy Detail**

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	1.4840	13.4912	11.3326	0.0810		1.0253	1.0253		1.0253	1.0253		16,189.41 18	16,189.41 18	0.3103	0.2968	16,285.61 73
NaturalGas Unmitigated	1.4840	13.4912	11.3326	0.0810		1.0253	1.0253		1.0253	1.0253		16,189.41 18	16,189.41 18	0.3103	0.2968	16,285.61 73

5.2 Energy by Land Use - NaturalGas**Unmitigated**

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Light Industry	137610	1.4840	13.4912	11.3326	0.0810		1.0253	1.0253		1.0253	1.0253		16,189.41 18	16,189.41 18	0.3103	0.2968	16,285.61 73
Total		1.4840	13.4912	11.3326	0.0810		1.0253	1.0253		1.0253	1.0253		16,189.41 18	16,189.41 18	0.3103	0.2968	16,285.61 73

NCSD Wood Energy Boiler Project - Existing Scenario - Placer-Mountain Counties County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
General Light Industry	137.61	1.4840	13.4912	11.3326	0.0810		1.0253	1.0253		1.0253	1.0253		16,189.4118	16,189.4118	0.3103	0.2968	16,285.6173
Total		1.4840	13.4912	11.3326	0.0810		1.0253	1.0253		1.0253	1.0253		16,189.4118	16,189.4118	0.3103	0.2968	16,285.6173

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Unmitigated	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004

NCSD Wood Energy Boiler Project - Existing Scenario - Placer-Mountain Counties County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**6.2 Area by SubCategory****Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Total	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004

NCSD Wood Energy Boiler Project - Existing Scenario - Placer-Mountain Counties County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**6.2 Area by SubCategory****Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004
Total	1.0000e-005	0.0000	1.0000e-004	0.0000		0.0000	0.0000		0.0000	0.0000		2.2000e-004	2.2000e-004	0.0000		2.3000e-004

7.0 Water Detail**7.1 Mitigation Measures Water**

NCSD Wood Energy Boiler Project - Existing Scenario - Placer-Mountain Counties County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied**8.0 Waste Detail**

8.1 Mitigation Measures Waste**9.0 Operational Offroad**

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

NCSD Wood Energy Boiler Project
Construction Fuels

Phase	CO2 MT/yr				Petroleum Consumption (gallons)			
	Off-Road	Haul Trucks	Vendor Trucks	Workers	Off-Road	Haul Trucks	Vendor Trucks	Workers
On-Site								
On-Site Preparation	5.00	0.00	0.18	0.47	490.14	0.00	17.37	53.70
On-Site Grading	10.91	3.66	0.27	0.85	1,068.47	358.16	26.05	96.67
Off-Site Pipeline Work	24.62	6.64	1.60	2.55	2,411.63	650.42	156.32	290.01
On-Site Building Construction	56.76	0.00	2.66	5.66	5,559.01	0.00	260.52	644.46
On-Site Paving	2.61	0.00	0.09	0.28	255.73	0.00	8.69	32.22
<i>Total</i>	<i>99.90</i>	<i>10.30</i>	<i>4.79</i>	<i>9.81</i>	<i>9,784.98</i>	<i>1,008.58</i>	<i>468.94</i>	<i>1,117.07</i>

Notes: Phases and annual CO2 are from the CalEEMod output files for the project

Conversion Factors:

Diesel Fuel 10.21 kg CO2/gallon
Gasoline 8.78 kg CO2/gallon

NCSD Wood Energy Boiler Project

Natural Gas Demand

Land Use	KBTU/yr
Project	0.00
Existing	50,227,650.00
Net Change	(50,227,650.00)

NCSD Wood Energy Boiler Project

Electricity Demand

Unmitigated:

Land Use	KWh/yr
Project Facility	797,542.00
Total	797,542.00

From CalEEMod:

Unmitigated:

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Light Industry	797542	163.9528	0.0119	1.4500e-003	164.6825
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Total		163.9528	0.0119	1.4500e-003	164.6825

NCSD Wood Energy Boiler Project

Operational Fuel Consumption

Operational Fuel Consumption Summary:

Project	Vehicle MT CO ₂		
Operations	8.32		
Fuel Type	Vehicle MT CO ₂	Kg/CO2/Gallon	Gallons
Diesel	8.32	10.21	814.64
		Total	814.64

Operational Fuel Consumption Summary:

Existing	Vehicle MT CO ₂		
Operations	35.35		
Fuel Type	Vehicle MT CO ₂	Kg/CO2/Gallon	Gallons
Diesel	35.35	10.21	3,462.09
		Total	3,462.09

Net Change in PCAPCD	432	gallons diesel
Total Net Change	(2,647.44)	gallons diesel

NCS Wood Energy Boiler Project
Construction HRA

Project Construction Emissions - On-Site

Year	Unmitigated	Mitigated
	DPM tons/year	DPM tons/year
2023	0.0183	
Total	0.018	0.000
Total Lbs	36.640	0.000
Lbs/year	73.280	0.000
Lbs/hour	0.04	0.00

Project Construction Emissions - Off-Site Thermal Pipeline

Year	Unmitigated	Mitigated
	DPM tons/year	DPM tons/year
2023	0.0068	
Total	0.007	0.000
Total Lbs	13.640	0.000
Lbs/year	27.280	0.000
Lbs/hour	0.01	0.00

MEIR Risk	Unmitigated
Cancer (persons in a million)	4.70
Chronic	0.0116
MEIW Risk	Unmitigated
Cancer (persons in a million)	0.72
Chronic	0.1100

Conversions:

1 ton =	2,000	lb		
Construction =	8	hours/day	Construction:	130 active days
	2080	hours/year		0.50 years
	260	days/year		
	12	months		

AERMOD Assumptions

Source Name	Description	No. of Vol. Sources	Emission Rate g/s	Release Height m	Plume Height m	Plume Width m
SLINE1	On-Site Equipment and Truck Exhaust	25	1.00	5.00	10.00	10.00
SLINE2	Pipeline Install - Equipment and Truck Exhaust	5	0.03	5.00	10.00	10.00
SLINE3	Pipeline Install - Equipment and Truck Exhaust	72	0.45	5.00	10.00	10.00
SLINE4	Pipeline Install - Equipment and Truck Exhaust	13	0.08	5.00	10.00	10.00
SLINE5	Pipeline Install - Equipment and Truck Exhaust	63	0.39	5.00	10.00	10.00
SLINE6	Pipeline Install - Equipment and Truck Exhaust	8	0.05	5.00	10.00	10.00

*Emission rate for pipeline proportioned across all pipeline alignments (i.e., divided 1 g/s rate by number of volume sources of each line)

Receptors

Grid Sizes	Spacing
Discrete	Nearest Sensitive Receptors

Meteorological Data

Station Name	Years	Lat	Long	Elev (m)
KTVL Lake Tahoe Airport	2017-2021	38.898	-119.996	1924.5

<https://ww2.arb.ca.gov/resources/documents/harp-aermod-meteorological-files>

Other Model Assumption

Rural or Urban	Rural
Urban Grp Pop	N/A
Terrain Data	NED 1
Lakes Version	11.2.0
AERMOD Version	22112
HARP2 Version	22113

NCS Wood Energy Project **Wood Energy Boiler Emissions - Operational HRA**

Project Boiler Capacity	2 x 1MW Boilers	
	3.4	MMBtu/hr each
	25,367.5	MMBtu/year each
	6.8	MMBtu/hr total
	50,735	MMBtu/year total

Toxic Air Contaminants

Pollutant	CAS	Emission Factor lb/MMBtu	Per Boiler Emissions ¹		Total Emissions ¹	
			lbs/hour	lbs/year	lbs/hour	lbs/year
Acenaphthene	83329	1.19E-07	4.06E-07	3.03E-03	8.12E-07	6.06E-03
Acenaphthylene	208968	4.97E-06	1.69E-05	1.26E-01	3.38E-05	2.52E-01
Acetaldehyde	75070	3.23E-04	1.10E-03	8.18E+00	2.19E-03	1.64E+01
Acetophenone	98862	3.20E-09	1.09E-08	8.12E-05	2.18E-08	1.62E-04
Acrolein	107028	2.32E-05	7.87E-05	5.88E-01	1.57E-04	1.18E+00
Anthracene	120127	5.25E-08	1.79E-07	1.33E-03	3.57E-07	2.67E-03
Benzene	71432	1.41E-03	4.80E-03	3.58E+01	9.61E-03	7.17E+01
Benzo(a)anthracene	56553	3.14E-09	1.07E-08	7.96E-05	2.13E-08	1.59E-04
Benzo(a)pyrene	50328	5.01E-09	1.70E-08	1.27E-04	3.40E-08	2.54E-04
Benzo(b)fluoranthene	205992	6.00E-09	2.04E-08	1.52E-04	4.08E-08	3.04E-04
Benzo(e)pyrene	192972	9.07E-09	3.08E-08	2.30E-04	6.17E-08	4.60E-04
Benzo(g,h,i)perylene	191242	1.35E-08	4.58E-08	3.42E-04	9.17E-08	6.84E-04
Benzo(k)fluoranthene	207089	3.44E-09	1.17E-08	8.72E-05	2.34E-08	1.74E-04
bis(2-Ethylhexyl)phthalate	117817	4.70E-08	1.60E-07	1.19E-03	3.20E-07	2.38E-03
Bromomethane	74839	1.50E-05	5.10E-05	3.81E-01	1.02E-04	7.61E-01
2-Butanone (MEK)	78933	5.40E-06	1.84E-05	1.37E-01	3.67E-05	2.74E-01
Carbon tetrachloride	56235	4.50E-05	1.53E-04	1.14E+00	3.06E-04	2.28E+00
Chlorine	7782505	7.90E-04	2.69E-03	2.00E+01	5.37E-03	4.01E+01
Chlorobenzene	108907	3.30E-05	1.12E-04	8.37E-01	2.24E-04	1.67E+00
Chloroform	67663	2.80E-05	9.52E-05	7.10E-01	1.90E-04	1.42E+00
Chloromethane	74873	2.30E-05	7.82E-05	5.83E-01	1.56E-04	1.17E+00
2-Chlorophenol	95578	2.40E-08	8.16E-08	6.09E-04	1.63E-07	1.22E-03
Chrysene	218019	5.01E-09	1.70E-08	1.27E-04	3.40E-08	2.54E-04
Crotonaldehyde	4170303	9.90E-06	3.37E-05	2.51E-01	6.73E-05	5.02E-01
Dibenzo(a,h)anthracene	53703	2.34E-09	7.95E-09	5.93E-05	1.59E-08	1.19E-04
1,2-Dichloroethane	107062	9.97E-04	3.39E-03	2.53E+01	6.78E-03	5.06E+01
Dichloromethane	75092	2.90E-04	9.86E-04	7.36E+00	1.97E-03	1.47E+01
1,2-Dichloropropane	78875	3.30E-05	1.12E-04	8.37E-01	2.24E-04	1.67E+00
2,4-Dinitrophenol	51285	1.80E-07	6.12E-07	4.57E-03	1.22E-06	9.13E-03
Ethylbenzene	100414	1.06E-03	3.61E-03	2.69E+01	7.21E-03	5.38E+01
Fluoranthene	206440	3.05E-07	1.04E-06	7.73E-03	2.07E-06	1.55E-02
Fluorene	86737	1.16E-07	3.96E-07	2.95E-03	7.92E-07	5.91E-03
Formaldehyde	50000	1.45E-04	4.92E-04	3.67E+00	9.84E-04	7.35E+00
Heptachlorobiphenyl	1336363	7.38E-10	2.51E-09	1.87E-05	5.02E-09	3.75E-05
Hexachlorobiphenyl	1336363	7.38E-10	2.51E-09	1.87E-05	5.02E-09	3.75E-05
Heptachlorodibenzo-p-dioxins	37871004	1.17E-11	3.99E-11	2.98E-07	7.99E-11	5.96E-07
Heptachlorodibenzo-p-furans	38998753	2.31E-12	7.85E-12	5.86E-08	1.57E-11	1.17E-07
Hexachlorodibenzo-p-dioxins	34465468	3.01E-11	1.02E-10	7.63E-07	2.05E-10	1.53E-06
Hexachlorodibenzo-p-furans	55684941	6.00E-12	2.04E-11	1.52E-07	4.08E-11	3.04E-07
Hydrogen chloride	7647010	6.97E-03	2.37E-02	1.77E+02	4.74E-02	3.54E+02
Indeno(1,2,3,c,d)pyrene	193395	3.59E-09	1.22E-08	9.11E-05	2.44E-08	1.82E-04
Isobutyraldehyde	78842	1.20E-05	4.08E-05	3.04E-01	8.16E-05	6.09E-01
Methane	74828	2.10E-02	7.14E-02	5.33E+02	1.43E-01	1.07E+03
Naphthalene	91203	5.68E-05	1.93E-04	1.44E+00	3.86E-04	2.88E+00
2-Nitrophenol	88755	2.40E-07	8.16E-07	6.09E-03	1.63E-06	1.22E-02
4-Nitrophenol	100027	1.10E-07	3.74E-07	2.79E-03	7.48E-07	5.58E-03
Octachlorodibenzo-p-dioxins	3268879	4.87E-12	1.65E-11	1.23E-07	3.31E-11	2.47E-07
Octachlorodibenzo-p-furans	39001020	2.50E-12	8.51E-12	6.35E-08	1.70E-11	1.27E-07
Pentachlorodibenzo-p-dioxins	40321764	6.00E-11	2.04E-10	1.52E-06	4.08E-10	3.04E-06
Pentachlorodibenzo-p-furans	57117416	3.18E-11	1.08E-10	8.07E-07	2.16E-10	1.61E-06
Pentachlorobiphenyl	1336363	7.38E-10	2.51E-09	1.87E-05	5.02E-09	3.75E-05
Pentachlorophenol	87865	5.10E-08	1.73E-07	1.29E-03	3.47E-07	2.59E-03

Perylene	198550	2.34E-09	7.95E-09	5.93E-05	1.59E-08	1.19E-04
Phenanthrene	85018	9.37E-07	3.18E-06	2.38E-02	6.37E-06	4.75E-02
Phenol	108952	4.28E-05	1.46E-04	1.09E+00	2.91E-04	2.17E+00
Propionaldehyde	123386	6.10E-05	2.07E-04	1.55E+00	4.15E-04	3.09E+00
Pyrene	129000	3.85E-07	1.31E-06	9.76E-03	2.62E-06	1.95E-02
Styrene	100425	1.90E-03	6.46E-03	4.82E+01	1.29E-02	9.64E+01
Tetrachlorodibenzo-p-dioxins	1746016	5.75E-11	1.95E-10	1.46E-06	3.91E-10	2.92E-06
Tetrachlorodibenzo-p-furans	55722275	9.66E-11	3.29E-10	2.45E-06	6.57E-10	4.90E-06
Tetrachlorobiphenyl	1336363	7.38E-10	2.51E-09	1.87E-05	5.02E-09	3.75E-05
Tetrachloroethene	127184	3.80E-05	1.29E-04	9.64E-01	2.58E-04	1.93E+00
Toluene	108883	6.42E-01	2.18E+00	1.63E+04	4.36E+00	3.26E+04
Trichlorobiphenyl	1336363	7.38E-10	2.51E-09	1.87E-05	5.02E-09	3.75E-05
1,1,1-Trichloroethane	71556	3.10E-05	1.05E-04	7.86E-01	2.11E-04	1.57E+00
Trichloroethene	79016	3.00E-05	1.02E-04	7.61E-01	2.04E-04	1.52E+00
Trichlorofluoromethane	75694	4.10E-05	1.39E-04	1.04E+00	2.79E-04	2.08E+00
2,4,6-Trichlorophenol	88062	2.20E-08	7.48E-08	5.58E-04	1.50E-07	1.12E-03
Vinyl Chloride	75014	6.38E-04	2.17E-03	1.62E+01	4.34E-03	3.24E+01
o-Xylene	95476	1.06E-03	3.61E-03	2.69E+01	7.21E-03	5.38E+01
Antimony	7440360	2.46E-07	8.36E-07	6.24E-03	1.67E-06	1.25E-02
Arsenic	7440382	2.51E-07	8.53E-07	6.36E-03	1.71E-06	1.27E-02
Barium	7440393	1.70E-04	5.78E-04	4.31E+00	1.16E-03	8.62E+00
Beryllium	7440417	7.43E-08	2.53E-07	1.89E-03	5.05E-07	3.77E-03
Cadmium	7440439	2.51E-07	8.53E-07	6.36E-03	1.71E-06	1.27E-02
Chromium, total	7440473	9.22E-07	3.13E-06	2.34E-02	6.27E-06	4.68E-02
Chromium, hexavalent	18540299	1.06E-07	3.60E-07	2.69E-03	7.20E-07	5.37E-03
Cobalt	7440484	6.50E-06	2.21E-05	1.65E-01	4.42E-05	3.30E-01
Copper	7440508	5.62E-06	1.91E-05	1.43E-01	3.82E-05	2.85E-01
Lead	7439921	7.83E-07	2.66E-06	1.99E-02	5.32E-06	3.97E-02
Manganese	7439965	5.30E-06	1.80E-05	1.34E-01	3.60E-05	2.69E-01
Mercury	7439976	1.03E-06	3.49E-06	2.60E-02	6.98E-06	5.20E-02
Nickel	7440020	1.08E-06	3.66E-06	2.73E-02	7.31E-06	5.46E-02
Phosphorus	7723140	2.38E-05	8.08E-05	6.03E-01	1.62E-04	1.21E+00
Selenium	7782492	1.05E-06	3.56E-06	2.65E-02	7.11E-06	5.31E-02
Silver	7440224	1.70E-03	5.78E-03	4.31E+01	1.16E-02	8.62E+01
Vanadium	7440622	1.19E-06	4.04E-06	3.02E-02	8.09E-06	6.03E-02
Zinc	7440666	2.49E-05	8.48E-05	6.32E-01	1.70E-04	1.26E+00

Source: Emission factors based on SPI-Lincoln measured TACs and AP-42 c01s06, if the TAC was not included in the SPI-Lincoln inventory

1. lbs/hour and lbs/day based on max boiler output; lbs/year and tons/year based on annual average boiler output

MEIR	Unmitigated Risk
Cancer (persons in a million)	5.11
Chronic	0.0508
Acute	0.0546
MEIW	Unmitigated Risk
Cancer (persons in a million)	2.63
Chronic	0.3226
Acute	0.1404

Conversions:

1 lb =	453.6	g
1 m =	3.28	feet
1 mile =	1609.344	m
1 yr =	8,760	hours

AERMOD Assumptions

Source Name	Description	Emission Rate g/s	Release Height m	Gas Exit Temp K	Stack Inside Diameter m	Gas Exit Velocity m/s	Gas Exit Flow Rate m3/s
STCK1	Wood Energy Boiler	1.00	13.052	422.00	0.355	9.00	0.8908
STCK2	Wood Energy Boiler	1.00	13.052	422.00	0.355	9.00	0.8908

Notes: Parameters provided by Messersmith and PRDEI

Receptors

Grid Sizes	Spacing
Discrete	Nearest Sensitive Receptors

Meteorological Data

Station Name		Years	Lat	Long	Elev (m)
KTVL	Lake Tahoe Airport	2017-2021	38.898	-119.996	1924.5

<https://ww2.arb.ca.gov/resources/documents/harp-aermod-meteorological-files>

Other Model Assumption

Rural or Urban	Rural
Urban Grp Pop	N/A
Terrain Data	NED 1
Lakes Version	11.2.0
AERMOD Version	22112

*HARP - HRACalc v22118 2/9/2023 10:22:24 AM - Cancer Risk - Sorted Max to Min

	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
585	ALL		748500.4	4351912	4.70E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	4.70E-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
587	ALL		748475.5	4351832	4.40E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	4.40E-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
586	ALL		748500.4	4351883	4.22E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	4.22E-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
562	ALL		748591.1	4352251	4.18E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	4.18E-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
560	ALL		748584.5	4352211	4.14E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	4.14E-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
588	ALL		748469.8	4351799	4.04E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	4.04E-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
218	ALL		748334.2	4351521	3.40E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.40E-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
616	ALL		748365.4	4351278	3.28E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.28E-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
564	ALL		748616.6	4352277	3.12E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	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
599	ALL		748347.9	4351552	3.05E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.05E-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
566	ALL		748642.2	4352388	3.03E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.03E-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
281	ALL		748549.9	4351948	2.67E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.67E-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
615	ALL		748380.5	4351293	2.59E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.59E-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
589	ALL		748499.1	4351779	2.54E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.54E-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
426	ALL		748643.1	4352725	2.44E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.44E-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
598	ALL		748344.1	4351585	2.43E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.43E-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
592	ALL		748541.6	4351866	2.38E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.38E-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
365	ALL		748653.2	4352332	2.30E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.30E-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
266	ALL		748534.2	4351821	2.19E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.19E-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
561	ALL		748617.6	4352190	2.17E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.17E-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
439	ALL		748634.2	4352821	2.13E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.13E-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
235	ALL		748334.2	4351621	1.97E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	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
591	ALL		748507.6	4351745	1.95E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.95E-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
345	ALL		748634.2	4352221	1.94E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	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
590	ALL		748495.3	4351718	1.89E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.89E-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
179	ALL		748434.2	4351221	1.84E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.84E-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
454	ALL		748634.2	4352921	1.82E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.82E-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
614	ALL		748419.4	4351231	1.80E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.80E-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
427	ALL		748734.2	4352721	1.79E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.79E-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
414	ALL		748734.2	4352621	1.75E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	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
440	ALL		748734.2	4352821	1.73E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.73E-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
597	ALL		748321.5	4351643	1.72E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.72E-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
190	ALL		748334.2	4351321	1.69E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	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
455	ALL		748734.2	4352921	1.61E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.61E-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
398	ALL		748734.2	4352521	1.57E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.57E-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
204	ALL		748334.2	4351421	1.55E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	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
469	ALL		748634.2	4353021	1.55E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	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
250	ALL		748334.2	4351721	1.50E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.50E-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
595	ALL		748318.6	4351677	1.50E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.50E-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
453	ALL		748534.2	4352921	1.49E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	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
470	ALL		748734.2	4353021	1.48E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	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
251	ALL		748534.2	4351721	1.47E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.47E-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
613	ALL		748470.4	4351237	1.42E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.42E-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
484	ALL		748734.2	4353121	1.34E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.34E-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
483	ALL		748634.2	4353121	1.33E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.33E-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
593	ALL		748504.8	4351644	1.30E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.30E-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
563	ALL		748669.6	4352216	1.30E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.30E-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
203	ALL		748234.2	4351421	1.24E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.24E-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
381	ALL		748734.2	4352421	1.23E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.23E-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
596	ALL		748457.5	4351557	1.22E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.22E-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
468	ALL		748534.2	4353021	1.21E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to												

219	ALL	748451.2	4351515	1.16E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.16E-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	0.00E+00	0.00E+00
456	ALL	748834.2	4352921	1.16E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.16E-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	0.00E+00	0.00E+00
471	ALL	748834.2	4353021	1.15E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.15E-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	0.00E+00	0.00E+00
497	ALL	748634.2	4353221	1.14E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.14E-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	0.00E+00	0.00E+00
441	ALL	748834.2	4352821	1.12E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.12E-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	0.00E+00	0.00E+00
607	ALL	748307.4	4351258	1.11E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.11E-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	0.00E+00	0.00E+00
485	ALL	748834.2	4353128	1.11E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.11E-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	0.00E+00	0.00E+00
236	ALL	748534.2	4351621	1.10E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.10E-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	0.00E+00	0.00E+00
512	ALL	748734.2	4353321	1.08E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.08E-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	0.00E+00	0.00E+00
621	ALL	748225.8	4351411	1.08E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.08E-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	0.00E+00	0.00E+00
570	ALL	748392.7	4352235	1.07E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.07E-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	0.00E+00	0.00E+00
608	ALL	748368.9	4351208	1.06E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.06E-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	0.00E+00	0.00E+00
499	ALL	748834.2	4353221	1.06E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.06E-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	0.00E+00	0.00E+00
267	ALL	748634.2	4351821	1.03E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.03E-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	0.00E+00	0.00E+00
428	ALL	748834.2	4352721	1.02E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.02E-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	0.00E+00	0.00E+00
452	ALL	748434.2	4352921	1.02E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.02E-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	0.00E+00	0.00E+00
482	ALL	748534.2	4353121	1.01E-06	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.01E-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	0.00E+00	0.00E+00
567	ALL	748768.8	4352460	9.99E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.99E-07	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	0.00E+00	0.00E+00
513	ALL	748834.2	4353321	9.94E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.94E-07	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	0.00E+00	0.00E+00
511	ALL	748634.2	4353321	9.88E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.88E-07	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	0.00E+00	0.00E+00
521	ALL	748734.2	4353421	9.71E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.71E-07	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	0.00E+00	0.00E+00
610	ALL	748381.6	4351190	9.67E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.67E-07	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	0.00E+00	0.00E+00
252	ALL	748634.2	4351721	9.64E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.64E-07	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	0.00E+00	0.00E+00
611	ALL	748421.7	4351187	9.50E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.50E-07	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	0.00E+00	0.00E+00
366	ALL	748734.2	4352321	9.40E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.40E-07	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	0.00E+00	0.00E+00
522	ALL	748834.2	4353421	9.28E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.28E-07	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	0.00E+00	0.00E+00
189	ALL	748234.2	4351321	9.16E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.16E-07	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	0.00E+00	0.00E+00
220	ALL	748534.2	4351521	8.73E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	8.73E-07	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	0.00E+00	0.00E+00
530	ALL	748734.2	4353521	8.71E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	8.71E-07	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	0.00E+00	0.00E+00
415	ALL	748834.2	4352621	8.63E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	8.63E-07	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	0.00E+00	0.00E+00
520	ALL	748634.2	4353421	8.61E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	8.61E-07	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	0.00E+00	0.00E+00
531	ALL	748834.2	4353521	8.61E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	8.61E-07	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	0.00E+00	0.00E+00
609	ALL	748336.4	4351195	8.59E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	8.59E-07	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	0.00E+00	0.00E+00
496	ALL	748534.2	4353221	8.51E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	8.51E-07	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	0.00E+00	0.00E+00
346	ALL	748734.2	4352221	8.36E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	8.36E-07	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	0.00E+00	0.00E+00
500	ALL	748934.2	4353221	8.26E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	8.26E-07	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	0.00E+00	0.00E+00
571	ALL	748369.1	4352212	8.24E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	8.24E-07	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	0.00E+00	0.00E+00
486	ALL	748934.2	4353121	8.21E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	8.21E-07	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	0.00E+00	0.00E+00
612	ALL	748464.6	4351182	8.15E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	8.15E-07	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	0.00E+00	0.00E+00
514	ALL	748934.2	4353321	8.14E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	8.14E-07	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	0.00E+00	0.00E+00
540	ALL	748834.2	4353621	7.95E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	7.95E-07	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	0.00E+00	0.00E+00
472	ALL	748934.2	4353021	7.92E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	7.92E-07	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	0.00E+00	0.00E+00
523	ALL	748934.2	4353421	7.92E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	7.92E-07	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	0.00E+00	0.00E+00
539	ALL	748734.2	4353621	7.82E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	7.82E-07	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	0.00E+00	0.00E+00
532	ALL	748934.2	4353521	7.58E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	7.58E-07	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	0.00E+00	0.00E+00
529	ALL	748634.2	4353521	7.55E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	7.55E-07	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	0.00E+00	0.00E+00
221	ALL	748634.2	4351521	7.34E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	7.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E					

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417	ALL	749034.2	4352621	2.77E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.77E-07	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	0.00E+00	0.00E+00
494	ALL	748334.2	4353221	2.73E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.73E-07	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	0.00E+00	0.00E+00
178	ALL	748234.2	4351221	2.72E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.72E-07	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	0.00E+00	0.00E+00
397	ALL	748314.2	4352541	2.67E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.67E-07	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	0.00E+00	0.00E+00
401	ALL	749034.2	4352521	2.65E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.65E-07	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	0.00E+00	0.00E+00
576	ALL	748261.1	4352146	2.61E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.61E-07	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	0.00E+00	0.00E+00
384	ALL	749034.2	4352421	2.57E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.57E-07	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	0.00E+00	0.00E+00
349	ALL	749034.2	4352221	2.57E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.57E-07	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	0.00E+00	0.00E+00
369	ALL	749034.2	4352321	2.56E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.56E-07	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	0.00E+00	0.00E+00
554	ALL	748434.2	4353821	2.55E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.55E-07	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	0.00E+00	0.00E+00
324	ALL	749034.2	4352121	2.51E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.51E-07	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	0.00E+00	0.00E+00
301	ALL	748234.2	4352021	2.50E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.50E-07	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	0.00E+00	0.00E+00
508	ALL	748334.2	4353321	2.47E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.47E-07	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	0.00E+00	0.00E+00
578	ALL	748241.8	4352073	2.45E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.45E-07	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	0.00E+00	0.00E+00
450	ALL	748234.2	4352921	2.43E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.43E-07	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	0.00E+00	0.00E+00
437	ALL	748234.2	4352821	2.43E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.43E-07	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	0.00E+00	0.00E+00
302	ALL	749034.2	4352021	2.35E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.35E-07	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	0.00E+00	0.00E+00
265	ALL	748234.2	4351821	2.32E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.32E-07	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	0.00E+00	0.00E+00
517	ALL	748334.2	4353421	2.26E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.26E-07	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	0.00E+00	0.00E+00
168	ALL	748634.2	4351121	2.17E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.17E-07	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	0.00E+00	0.00E+00
577	ALL	748232.2	4352103	2.11E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.11E-07	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	0.00E+00	0.00E+00
282	ALL	749034.2	4351921	2.11E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.11E-07	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	0.00E+00	0.00E+00
321	ALL	748234.2	4352121	2.09E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.09E-07	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	0.00E+00	0.00E+00
526	ALL	748334.2	4353521	2.07E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.07E-07	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	0.00E+00	0.00E+00
424	ALL	748234.2	4352721	2.05E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.05E-07	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	0.00E+00	0.00E+00
402	ALL	749134.2	4352521	1.97E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.97E-07	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	0.00E+00	0.00E+00
350	ALL	749134.2	4352221	1.97E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.97E-07	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	0.00E+00	0.00E+00
165	ALL	748334.2	4351121	1.97E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.97E-07	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	0.00E+00	0.00E+00
385	ALL	749134.2	4352421	1.96E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.96E-07	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	0.00E+00	0.00E+00
370	ALL	749134.2	4352321	1.95E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.95E-07	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	0.00E+00	0.00E+00
303	ALL	749134.2	4352021	1.94E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.94E-07	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	0.00E+00	0.00E+00
325	ALL	749134.2	4352121	1.93E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.93E-07	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	0.00E+00	0.00E+00
465	ALL	748234.2	4353021	1.93E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.93E-07	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	0.00E+00	0.00E+00
535	ALL	748334.2	4353621	1.90E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.90E-07	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	0.00E+00	0.00E+00
343	ALL	748234.2	4352221	1.83E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.83E-07	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	0.00E+00	0.00E+00
283	ALL	749134.2	4351921	1.76E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.76E-07	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	0.00E+00	0.00E+00
544	ALL	748334.2	4353721	1.76E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.76E-07	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	0.00E+00	0.00E+00
436	ALL	748134.2	4352821	1.76E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.76E-07	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	0.00E+00	0.00E+00
479	ALL	748234.2	4353121	1.75E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.75E-07	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	0.00E+00	0.00E+00
351	ALL	749234.2	4352221	1.65E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.65E-07	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	0.00E+00	0.00E+00
371	ALL	749234.2	4352321	1.65E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.65E-07	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	0.00E+00	0.00E+00
386	ALL	749234.2	4352421	1.64E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.64E-07	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	0.00E+00	0.00E+00
553	ALL	748334.2	4353821	1.63E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.63E-07	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	0.00E+00	0.00E+00
326	ALL	749234.2	4352121	1.62E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.62E-07	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	0.00E+00	0.00E+00
363	ALL	748234.2	4352321	1.61E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.61E-07	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	0.00E+00	0.00E+00
493	ALL	748234.2	4353221	1.61E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.61E-07	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	0.00E+00	0.00E+00
449	ALL	748134.2	4352921	1.57E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E					

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478	ALL	747834.2	4352321	3.86E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.86E-08	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	0.00E+00	0.00E+00
487	ALL	747634.2	4353221	3.84E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.84E-08	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	0.00E+00	0.00E+00
501	ALL	747634.2	4353321	3.75E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.75E-08	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	0.00E+00	0.00E+00
232	ALL	748034.2	4351621	3.75E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.75E-08	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	0.00E+00	0.00E+00
142	ALL	748234.2	4350921	3.74E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.74E-08	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	0.00E+00	0.00E+00
247	ALL	748034.2	4351721	3.65E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.65E-08	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	0.00E+00	0.00E+00
308	ALL	749634.2	4352021	3.64E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.64E-08	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	0.00E+00	0.00E+00
272	ALL	747434.2	4351921	3.40E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.40E-08	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	0.00E+00	0.00E+00
152	ALL	748034.2	4351021	3.35E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.35E-08	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	0.00E+00	0.00E+00
339	ALL	747834.2	4352221	3.31E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.31E-08	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	0.00E+00	0.00E+00
141	ALL	748134.2	4350921	3.19E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.19E-08	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	0.00E+00	0.00E+00
306	ALL	749434.2	4352021	3.19E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.19E-08	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	0.00E+00	0.00E+00
329	ALL	749534.2	4352121	3.18E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.18E-08	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	0.00E+00	0.00E+00
298	ALL	747934.2	4352021	3.11E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.11E-08	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	0.00E+00	0.00E+00
132	ALL	748434.2	4350821	2.94E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.94E-08	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	0.00E+00	0.00E+00
131	ALL	748334.2	4350821	2.85E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.85E-08	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	0.00E+00	0.00E+00
187	ALL	747934.2	4351321	2.82E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.82E-08	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	0.00E+00	0.00E+00
175	ALL	747934.2	4351221	2.76E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.76E-08	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	0.00E+00	0.00E+00
201	ALL	747934.2	4351421	2.76E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.76E-08	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	0.00E+00	0.00E+00
256	ALL	747334.2	4351821	2.74E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.74E-08	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	0.00E+00	0.00E+00
391	ALL	747634.2	4352521	2.72E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.72E-08	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	0.00E+00	0.00E+00
336	ALL	747534.2	4352221	2.70E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.70E-08	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	0.00E+00	0.00E+00
140	ALL	748034.2	4350921	2.69E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.69E-08	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	0.00E+00	0.00E+00
255	ALL	746634.2	4351821	2.68E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.68E-08	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	0.00E+00	0.00E+00
288	ALL	749634.2	4351921	2.65E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.65E-08	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	0.00E+00	0.00E+00
239	ALL	746634.2	4351721	2.62E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.62E-08	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	0.00E+00	0.00E+00
163	ALL	747934.2	4351121	2.61E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.61E-08	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	0.00E+00	0.00E+00
130	ALL	748234.2	4350821	2.60E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.60E-08	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	0.00E+00	0.00E+00
314	ALL	747534.2	4352121	2.60E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.60E-08	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	0.00E+00	0.00E+00
254	ALL	746534.2	4351821	2.59E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.59E-08	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	0.00E+00	0.00E+00
378	ALL	747734.2	4352421	2.58E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.58E-08	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	0.00E+00	0.00E+00
277	ALL	747934.2	4351921	2.56E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.56E-08	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	0.00E+00	0.00E+00
214	ALL	747934.2	4351521	2.52E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.52E-08	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	0.00E+00	0.00E+00
338	ALL	747734.2	4352221	2.51E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.51E-08	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	0.00E+00	0.00E+00
358	ALL	747734.2	4352321	2.51E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.51E-08	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	0.00E+00	0.00E+00
273	ALL	747534.2	4351921	2.50E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.50E-08	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	0.00E+00	0.00E+00
307	ALL	749534.2	4352021	2.48E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.48E-08	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	0.00E+00	0.00E+00
270	ALL	746634.2	4351921	2.48E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.48E-08	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	0.00E+00	0.00E+00
269	ALL	746534.2	4351921	2.46E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.46E-08	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	0.00E+00	0.00E+00
286	ALL	749434.2	4351921	2.41E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.41E-08	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	0.00E+00	0.00E+00
151	ALL	747934.2	4351021	2.38E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.38E-08	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	0.00E+00	0.00E+00
262	ALL	747934.2	4351821	2.38E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.38E-08	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	0.00E+00	0.00E+00
253	ALL	746434.2	4351821	2.35E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.35E-08	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	0.00E+00	0.00E+00
129	ALL	748134.2	4350821	2.35E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.35E-08	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	0.00E+00	0.00E+00
231	ALL	747934.2	4351621	2.35E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.35E-08	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	0.00E+00	0.00E+00
337	ALL	747634.2	4352221	2.33E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.33E-08	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	0.00E+00	0.00E+00
291	ALL	746634.2	4352021	2.32E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E					

119	ALL	748334.2	4350721	2.08E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.08E-08	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
289	ALL	746434.2	4352021	2.07E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.07E-08	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
315	ALL	747634.2	4352121	2.05E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.05E-08	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
310	ALL	746534.2	4352121	2.05E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.05E-08	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
118	ALL	748234.2	4350721	2.01E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.01E-08	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
240	ALL	747334.2	4351721	1.99E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.99E-08	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
332	ALL	746534.2	4352221	1.98E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.98E-08	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
120	ALL	748434.2	4350721	1.97E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.97E-08	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
357	ALL	747634.2	4352321	1.97E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.97E-08	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
309	ALL	746434.2	4352121	1.95E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.95E-08	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
356	ALL	747534.2	4352321	1.91E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.91E-08	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
127	ALL	747934.2	4350821	1.90E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.90E-08	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
117	ALL	748134.2	4350721	1.89E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.89E-08	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
331	ALL	746434.2	4352221	1.88E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.88E-08	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
116	ALL	748034.2	4350721	1.82E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.82E-08	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
174	ALL	747834.2	4351221	1.82E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.82E-08	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
186	ALL	747834.2	4351321	1.78E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.78E-08	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
162	ALL	747834.2	4351121	1.78E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.78E-08	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
261	ALL	747834.2	4351821	1.76E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.76E-08	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
245	ALL	747834.2	4351721	1.74E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.74E-08	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
200	ALL	747834.2	4351421	1.73E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.73E-08	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
258	ALL	747534.2	4351821	1.72E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.72E-08	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
316	ALL	747734.2	4352121	1.69E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.69E-08	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
115	ALL	747934.2	4350721	1.68E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.68E-08	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
150	ALL	747834.2	4351021	1.68E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.68E-08	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
213	ALL	747834.2	4351521	1.68E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.68E-08	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
230	ALL	747834.2	4351621	1.67E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.67E-08	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
107	ALL	748334.2	4350621	1.65E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.65E-08	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
138	ALL	747834.2	4350921	1.62E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.62E-08	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
106	ALL	748234.2	4350621	1.61E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.61E-08	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
276	ALL	747834.2	4351921	1.59E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.59E-08	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
105	ALL	748134.2	4350621	1.58E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.58E-08	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
297	ALL	747834.2	4352021	1.57E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.57E-08	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
287	ALL	749534.2	4351921	1.57E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.57E-08	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
126	ALL	747834.2	4350821	1.54E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.54E-08	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
104	ALL	748034.2	4350621	1.54E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.54E-08	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
377	ALL	747634.2	4352421	1.49E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.49E-08	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
260	ALL	747734.2	4351821	1.49E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.49E-08	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
103	ALL	747934.2	4350621	1.49E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.49E-08	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
274	ALL	747634.2	4351921	1.48E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.48E-08	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
114	ALL	747834.2	4350721	1.44E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.44E-08	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
259	ALL	747634.2	4351821	1.43E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.43E-08	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
244	ALL	747734.2	4351721	1.41E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.41E-08	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
108	ALL	748434.2	4350621	1.40E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.40E-08	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
93	ALL	748134.2	4350521	1.38E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.38E-08	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
94	ALL	748234.2	4350521	1.38E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.38E-08	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
275	ALL	747734.2	4351921	1.34E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.34E-08	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
102	ALL	747834.2	4350621	1.34E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.34E-08	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
92	ALL	748034.2	4350521	1.33E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.33E-08	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
222	ALL	746434.2	4351621	1.31E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.31E-08	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
229	ALL	747734.2	4351621	1.31E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.31E-08	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
95	ALL	748334.2	4350521	1.30E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00			

199	ALL	747734.2	4351421	1.25E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.25E-08	1.00E+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
224	ALL	746634.2	4351621	1.25E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.25E-08	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
149	ALL	747734.2	4351021	1.24E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.24E-08	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
137	ALL	747734.2	4350921	1.22E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.22E-08	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
81	ALL	748134.2	4350421	1.22E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.22E-08	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
90	ALL	747834.2	4350521	1.22E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.22E-08	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
80	ALL	748034.2	4350421	1.20E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.20E-08	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
82	ALL	748234.2	4350421	1.20E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.20E-08	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
125	ALL	747734.2	4350821	1.20E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.20E-08	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
296	ALL	747734.2	4352021	1.19E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.19E-08	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
113	ALL	747734.2	4350721	1.18E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.18E-08	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
79	ALL	747934.2	4350421	1.16E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.16E-08	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
225	ALL	747334.2	4351621	1.15E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.15E-08	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
376	ALL	747534.2	4352421	1.14E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.14E-08	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
101	ALL	747734.2	4350621	1.14E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.14E-08	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
243	ALL	747634.2	4351721	1.13E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.13E-08	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
78	ALL	747834.2	4350421	1.09E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.09E-08	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
241	ALL	747434.2	4351721	1.08E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.08E-08	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
68	ALL	748034.2	4350321	1.08E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.08E-08	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
89	ALL	747734.2	4350521	1.08E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.08E-08	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
69	ALL	748134.2	4350321	1.07E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.07E-08	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
96	ALL	748434.2	4350521	1.05E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.05E-08	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
67	ALL	747934.2	4350321	1.05E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.05E-08	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
228	ALL	747634.2	4351621	1.05E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.05E-08	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
83	ALL	748334.2	4350421	1.04E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.04E-08	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
211	ALL	747634.2	4351521	1.01E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.01E-08	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
66	ALL	747834.2	4350321	0.98E-09	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	0.98E-09	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
242	ALL	747534.2	4351721	0.93E-09	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	0.93E-09	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
77	ALL	747734.2	4350421	0.91E-09	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	0.91E-09	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
70	ALL	748234.2	4350321	0.87E-09	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	0.87E-09	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
205	ALL	746434.2	4351521	0.78E-09	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	0.78E-09	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
206	ALL	746534.2	4351521	0.72E-09	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	0.72E-09	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
198	ALL	747634.2	4351421	0.64E-09	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	0.64E-09	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
112	ALL	747634.2	4350721	0.58E-09	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	0.58E-09	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
184	ALL	747634.2	4351321	0.57E-09	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	0.57E-09	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
172	ALL	747634.2	4351221	0.51E-09	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	0.51E-09	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
136	ALL	747634.2	4350921	0.49E-09	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	0.49E-09	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
124	ALL	747634.2	4350821	0.48E-09	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	0.48E-09	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
100	ALL	747634.2	4350621	0.46E-09	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	0.46E-09	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
55	ALL	747934.2	4350221	0.44E-09	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	0.44E-09	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
56	ALL	748034.2	4350221	0.39E-09	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	0.39E-09	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
160	ALL	747634.2	4351121	0.38E-09	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	0.38E-09	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
148	ALL	747634.2	4351021	0.36E-09	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	0.36E-09	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
54	ALL	747834.2	4350221	0.32E-09	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	0.32E-09	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
65	ALL	747734.2	4350321	0.30E-09	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	0.30E-09	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
57	ALL	748134.2	4350221	0.24E-09	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	0.24E-09	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
88	ALL	747634.2	4350521	0.06E-09	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	0.06E-09	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
227	ALL	747534.2	4351621	8.93E-09	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	8.93E-09	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
226	ALL	747434.2	4351621	8.89E-09	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	8.89E-09	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
53	ALL	747734.2	4350221	8.79E-09	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	8.79E-09	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
76	ALL	747634.2	4350421	8.72E-09	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	8.72E-09	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
207	ALL	746634.2	4351521	8.72E-09	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	8.72E-09	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	0.0	

58	ALL	748234.2	4350221	8.23E-09	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	8.23E-09	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	0.00E+00	0.00E+00
84	ALL	748434.2	4350421	8.09E-09	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	8.09E-09	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	0.00E+00	0.00E+00
52	ALL	747634.2	4350221	7.97E-09	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	7.97E-09	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	0.00E+00	0.00E+00
30	ALL	747834.2	4350021	7.91E-09	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	7.91E-09	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	0.00E+00	0.00E+00
123	ALL	747534.2	4350821	7.84E-09	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	7.84E-09	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	0.00E+00	0.00E+00
135	ALL	747534.2	4350921	7.82E-09	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	7.82E-09	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	0.00E+00	0.00E+00
111	ALL	747534.2	4350721	7.82E-09	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	7.82E-09	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	0.00E+00	0.00E+00
197	ALL	747534.2	4351421	7.81E-09	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	7.81E-09	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	0.00E+00	0.00E+00
45	ALL	748134.2	4350121	7.79E-09	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	7.79E-09	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	0.00E+00	0.00E+00
31	ALL	747934.2	4350021	7.77E-09	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	7.77E-09	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	0.00E+00	0.00E+00
99	ALL	747534.2	4350621	7.75E-09	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	7.75E-09	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	0.00E+00	0.00E+00
29	ALL	747734.2	4350021	7.67E-09	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	7.67E-09	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	0.00E+00	0.00E+00
147	ALL	747534.2	4351021	7.65E-09	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	7.65E-09	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	0.00E+00	0.00E+00
183	ALL	747534.2	4351321	7.64E-09	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	7.64E-09	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	0.00E+00	0.00E+00
40	ALL	747634.2	4350121	7.60E-09	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	7.60E-09	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	0.00E+00	0.00E+00
159	ALL	747534.2	4351121	7.59E-09	0.5YrCancerDerived_InhSoilDermMMilk_FAH3to70	7.59E-09	0.00E+00	0.00E+00	0.00E+										

[illegible]

*HARP - HRACalc v22118 2/9/2023 10:22:24 AM - Chronic Risk -Sorted Max to Min

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
585	ALL		748500.4	4351912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-02
587	ALL		748475.5	4351832	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-02
586	ALL		748500.4	4351883	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02
562	ALL		748591.1	4352251	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-02
560	ALL		748584.5	4352121	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-02
588	ALL		748469.8	4351799	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-03
218	ALL		748334.2	4351521	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-03
616	ALL		748365.4	4351278	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-03
564	ALL		748616.6	4352277	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-03
599	ALL		748347.9	4351552	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-03
566	ALL		748642.2	4352388	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-03
281	ALL		748549.9	4351948	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.57E-03
615	ALL		748380.5	4351293	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-03
589	ALL		748499.1	4351779	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-03
426	ALL		748643.1	4352725	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-03
598	ALL		748344.1	4351858	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-03
592	ALL		748541.6	4351866	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-03
365	ALL		748653.2	4352332	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-03
266	ALL		748534.2	4351821	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-03
561	ALL		748617.6	4352190	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-03
439	ALL		748634.2	4352821	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-03
235	ALL		748334.2	4351621	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-03
591	ALL		748507.6	4351745	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-03
345	ALL		748634.2	4352221	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-03
590	ALL		748495.3	4351718	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-03
179	ALL		748434.2	4351221	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-03
454	ALL		748634.2	4352921	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-03
614	ALL		748419.4	4351231	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-03
427	ALL		748734.2	4352721	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-03
414	ALL		748734.2	4352621	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-03
440	ALL		748734.2	4352821	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-03
597	ALL		748321.5	4351643	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-03
190	ALL		748334.2	4351321	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-03
455	ALL		748734.2	4352921	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-03
398	ALL		748734.2	4352521	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-03
204	ALL		748334.2	4351421	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-03
469	ALL		748634.2	4353021	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-03
250	ALL		748334.2	4351721	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-03
595	ALL		748318.6	4351677	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03
453	ALL		748534.2	4352921	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-03
470	ALL		748734.2	4353021	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-03
251	ALL		748534.2	4351721	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-03
613	ALL		748470.4	4351237	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-03
484	ALL		748734.2	4353121	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-03
483	ALL		748634.2	4353121	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-03
593	ALL		748504.8	4351644	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03
563	ALL		748669.6	4352216	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		

471 ALL	748834.2	4353021	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-03
497 ALL	748634.2	4353221	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-03
441 ALL	748834.2	4352821	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-03
607 ALL	748307.4	4351258	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-03
485 ALL	748834.2	4353121	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03
236 ALL	748534.2	4351621	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-03
512 ALL	748734.2	4353321	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-03
621 ALL	748225.8	4351411	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-03
570 ALL	748392.7	4352235	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-03
608 ALL	748368.9	4351208	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03
499 ALL	748834.2	4353221	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03
267 ALL	748634.2	4351821	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03
428 ALL	748834.2	4352721	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-03
452 ALL	748434.2	4352921	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-03
482 ALL	748534.2	4351121	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03
567 ALL	748768.8	4352460	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-03
513 ALL	748834.2	4353321	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03
511 ALL	748634.2	4353321	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03
521 ALL	748734.2	4353421	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-03
610 ALL	748381.6	4351190	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03
252 ALL	748634.2	4351721	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03
611 ALL	748421.7	4351187	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-03
366 ALL	748734.2	4352321	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-03
522 ALL	748834.2	4353421	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-03
189 ALL	748234.2	4351321	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03
220 ALL	748534.2	4351521	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-03
530 ALL	748734.2	4353521	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03
415 ALL	748834.2	4352621	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03
520 ALL	748634.2	4353421	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03
531 ALL	748834.2	4353521	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03
609 ALL	748336.4	4351195	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03
496 ALL	748534.2	4353221	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03
346 ALL	748734.2	4352221	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03
500 ALL	748934.2	4353221	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03
571 ALL	748369.1	4352212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03
486 ALL	748934.2	4353121	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-03
612 ALL	748464.6	4351182	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03
514 ALL	748934.2	4353321	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03
540 ALL	748834.2	4353621	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-03
472 ALL	748934.2	4353021	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-03
523 ALL	748934.2	4353421	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-03
539 ALL	748734.2	4353621	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03
532 ALL	748934.2	4353521	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-03
529 ALL	748634.2	4353521	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-03
221 ALL	748634.2	4351521	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03
549 ALL	748834.2	4353721	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03
457 ALL	748934.2	4352921	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03
510 ALL	748534.2	4353321	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03
541 ALL	748934.2	4353621	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03
584 ALL	748300.4	4351918</																

180	ALL	748634.2	4351221	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
569	ALL	748804.7	4352254	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
547	ALL	748634.2	4353721	NonCancerChronicDerived_InhSoilDermMMilk	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03
481	ALL	748434.2	4353121	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
618	ALL	748210.5	4351328	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
568	ALL	748812.2	4352155	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
382	ALL	748834.2	4352421	NonCancerChronicDerived_InhSoilDermMMilk	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
583	ALL	748286.8	4351937	NonCancerChronicDerived_InhSoilDermMMilk	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
620	ALL	748203.3	4351381	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
528	ALL	748534.2	4353521	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
429	ALL	748934.2	4352721	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
322	ALL	748834.2	4352121	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
344	ALL	748334.2	4352221	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
367	ALL	748834.2	4352321	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
556	ALL	748634.2	4353821	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
347	ALL	748834.2	4352221	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
495	ALL	748434.2	4353221	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03
438	ALL	748334.2	4352821	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
537	ALL	748534.2	4353621	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
617	ALL	748197.1	4351362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
619	ALL	748216.8	4351289	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
582	ALL	748278.8	4351959	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
451	ALL	748334.2	4352921	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
509	ALL	748434.2	4353321	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
416	ALL	748934.2	4352621	NonCancerChronicDerived_InhSoilDermMMilk	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
234	ALL	748234.2	4351621	NonCancerChronicDerived_InhSoilDermMMilk	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
581	ALL	748281.2	4352001	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
546	ALL	748534.2	4353721	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
458	ALL	749034.2	4352921	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
425	ALL	748334.2	4352721	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
166	ALL	748434.2	4351121	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.61E-04
518	ALL	748434.2	4353421	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.61E-04
572	ALL	748306.7	4352223	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.56E-04
555	ALL	748534.2	4353821	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-04
400	ALL	748934.2	4352521	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-04
579	ALL	748278.8	4352046	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.25E-04
383	ALL	748934.2	4352421	NonCancerChronicDerived_InhSoilDermMMilk	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.97E-04
348	ALL	748934.2	4352221	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.85E-04
368	ALL	748934.2	4352321	NonCancerChronicDerived_InhSoilDermMMilk	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.82E-04
580	ALL	748269.1	4352021	NonCancerChronicDerived_InhSoilDermMMilk	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.82E-04
323	ALL	748934.2	4352121	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-04
443	ALL	749034.2	4352821	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.77E-04
466	ALL	748334.2	4353021	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.68E-04
527	ALL	748434.2	4353521	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.55E-04
574	ALL	748287.6	4352208	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-04
249	ALL	748234.2	4351721	NonCancerChronicDerived_InhSoilDermMMilk	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.92E-04
280	ALL	748234.2	4351921	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-04
364	ALL	748316.2	4352318	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.83E-04
413	ALL	748334.2	4352621	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.69E-04
536	ALL	748434.2	4353621	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-04
575	ALL	748280.4	4352178	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-04	0.00E+00	0.00E+00	0.0				

384 ALL	749034.2	4352421	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-04
349 ALL	749034.2	4352221	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-04
369 ALL	749034.2	4352321	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-04
554 ALL	748434.2	4353821	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-04
324 ALL	749034.2	4352121	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-04
301 ALL	748234.2	4352021	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.15E-04
508 ALL	748334.2	4353321	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-04
578 ALL	748241.8	4352073	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-04
450 ALL	748234.2	4352921	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-04
437 ALL	748234.2	4352821	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-04
302 ALL	749034.2	4352021	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-04
265 ALL	748234.2	4351821	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-04
517 ALL	748334.2	4353421	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-04
168 ALL	748634.2	4351121	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-04
577 ALL	748232.2	4352103	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04
282 ALL	749034.2	4351921	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04
321 ALL	748234.2	4352121	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-04
526 ALL	748334.2	4353521	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-04
424 ALL	748234.2	4352721	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04
402 ALL	749134.2	4352521	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04
350 ALL	749134.2	4352221	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04
165 ALL	748334.2	4351121	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04
385 ALL	749134.2	4352421	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-04
370 ALL	749134.2	4352321	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04
303 ALL	749134.2	4352021	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-04
325 ALL	749134.2	4352121	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-04
465 ALL	748234.2	4353021	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-04
535 ALL	748334.2	4353621	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04
343 ALL	748234.2	4352221	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04
283 ALL	749134.2	4351921	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04
544 ALL	748334.2	4353721	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04
436 ALL	748134.2	4352821	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04
479 ALL	748234.2	4353121	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-04
351 ALL	749234.2	4352221	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04
371 ALL	749234.2	4352321	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04
386 ALL	749234.2	4352421	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04
553 ALL	748334.2	4353821	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-04
326 ALL	749234.2	4352121	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-04
363 ALL	748234.2	4353231	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-04
493 ALL	748234.2	4353221	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04
449 ALL	748134.2	4352921	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-04
412 ALL	748234.2	4352621	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-04
403 ALL	749234.2	4352521	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04
304 ALL	749234.2	4352021	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04
507 ALL	748234.2	4353321	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04
352 ALL	749334.2	4352221	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-04
396 ALL	748234.2	4352521	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-04
372 ALL	749334.2	4353231	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04
327 ALL	749334.2	4352121	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-04
387 ALL	749334.2	4352421</																

543	ALL	748234.2	4353721	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04
155	ALL	748534.2	4351021	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04
492	ALL	748134.2	4353221	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04
373	ALL	749434.2	4352321	NonCancerChronicDerived_InhSoilDermMMilk	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
552	ALL	748234.2	4353821	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
300	ALL	748134.2	4352021	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-04
389	ALL	749534.2	4352421	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04
406	ALL	749534.2	4352521	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04
448	ALL	748034.2	4352921	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04
506	ALL	748134.2	4353321	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04
279	ALL	748134.2	4351921	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04
422	ALL	748034.2	4352721	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04
156	ALL	748634.2	4351021	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04
320	ALL	748134.2	4352121	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04
515	ALL	748134.2	4353421	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
463	ALL	748034.2	4353021	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04
154	ALL	748434.2	4351021	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04
342	ALL	748134.2	4352221	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04
434	ALL	747934.2	4352821	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04
362	ALL	748134.2	4352321	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04
407	ALL	749634.2	4352521	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04
390	ALL	749634.2	4352421	NonCancerChronicDerived_InhSoilDermMMilk	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04
524	ALL	748134.2	4353521	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04
353	ALL	749434.2	4352221	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04
375	ALL	749634.2	4352321	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04
177	ALL	748134.2	4351221	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04
477	ALL	748034.2	4353121	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04
411	ALL	748134.2	4352621	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
533	ALL	748134.2	4353621	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
374	ALL	749534.2	4352321	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
248	ALL	748134.2	4351721	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04
264	ALL	748134.2	4351821	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04
491	ALL	748034.2	4353221	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04
420	ALL	747834.2	4352721	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
542	ALL	748134.2	4353721	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
421	ALL	747934.2	4352721	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
305	ALL	749334.2	4352021	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04
505	ALL	748034.2	4353321	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04
551	ALL	748134.2	4353821	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04
447	ALL	747934.2	4352921	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04
355	ALL	749634.2	4352221	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
393	ALL	747834.2	4352521	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
462	ALL	747934.2	4353021	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
409	ALL	747734.2	4352621	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
361	ALL	748034.2	4353231	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04
476	ALL	747934.2	4353121	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
153	ALL	748334.2	4351021	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
395	ALL	748134.2	4352521	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04
433	ALL	747834.2	4352821	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04
490	ALL	747934.2	4353221	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04
380	ALL	747934.2	4352421	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.0				

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*HARP - HRACalc v22118 2/16/2023 2:18:49 PM - Cancer Risk - Sorted Max to Min

[illegible]

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523	ALL	748934.2	4353421	1.26E-08	0.5YrCancerDerived_InhSoilDerm	1.26E-08	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	0.00E+00
539	ALL	748734.2	4353621	1.24E-08	0.5YrCancerDerived_InhSoilDerm	1.24E-08	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	0.00E+00
532	ALL	748934.2	4353521	1.20E-08	0.5YrCancerDerived_InhSoilDerm	1.20E-08	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	0.00E+00
529	ALL	748634.2	4353521	1.20E-08	0.5YrCancerDerived_InhSoilDerm	1.20E-08	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	0.00E+00
221	ALL	748634.2	4351521	1.17E-08	0.5YrCancerDerived_InhSoilDerm	1.17E-08	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	0.00E+00
549	ALL	748834.2	4353721	1.16E-08	0.5YrCancerDerived_InhSoilDerm	1.16E-08	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	0.00E+00
457	ALL	748934.2	4352921	1.16E-08	0.5YrCancerDerived_InhSoilDerm	1.16E-08	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	0.00E+00
510	ALL	748534.2	4353321	1.16E-08	0.5YrCancerDerived_InhSoilDerm	1.16E-08	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	0.00E+00
541	ALL	748934.2	4353621	1.15E-08	0.5YrCancerDerived_InhSoilDerm	1.15E-08	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	0.00E+00
584	ALL	748300.4	4351918	1.14E-08	0.5YrCancerDerived_InhSoilDerm	1.14E-08	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	0.00E+00
548	ALL	748734.2	4353721	1.12E-08	0.5YrCancerDerived_InhSoilDerm	1.12E-08	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	0.00E+00
467	ALL	748434.2	4353021	1.11E-08	0.5YrCancerDerived_InhSoilDerm	1.11E-08	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	0.00E+00
399	ALL	748834.2	4352521	1.09E-08	0.5YrCancerDerived_InhSoilDerm	1.09E-08	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	0.00E+00
550	ALL	748934.2	4353721	1.09E-08	0.5YrCancerDerived_InhSoilDerm	1.09E-08	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	0.00E+00
558	ALL	748834.2	4353821	1.07E-08	0.5YrCancerDerived_InhSoilDerm	1.07E-08	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	0.00E+00
538	ALL	748634.2	4353621	1.06E-08	0.5YrCancerDerived_InhSoilDerm	1.06E-08	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	0.00E+00
559	ALL	748934.2	4353821	1.03E-08	0.5YrCancerDerived_InhSoilDerm	1.03E-08	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	0.00E+00
442	ALL	748934.2	4352821	1.01E-08	0.5YrCancerDerived_InhSoilDerm	1.01E-08	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	0.00E+00
557	ALL	748734.2	4353821	1.01E-08	0.5YrCancerDerived_InhSoilDerm	1.01E-08	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	0.00E+00
519	ALL	748534.2	4353421	1.00E-08	0.5YrCancerDerived_InhSoilDerm	1.00E-08	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	0.00E+00
573	ALL	748795.2	4352196	9.81E-09	0.5YrCancerDerived_InhSoilDerm	9.81E-09	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	0.00E+00
180	ALL	748634.2	4351221	9.42E-09	0.5YrCancerDerived_InhSoilDerm	9.42E-09	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	0.00E+00
569	ALL	748804.7	4352254	9.42E-09	0.5YrCancerDerived_InhSoilDerm	9.42E-09	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	0.00E+00
547	ALL	748634.2	4353721	9.37E-09	0.5YrCancerDerived_InhSoilDerm	9.37E-09	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	0.00E+00
481	ALL	748434.2	4353121	9.32E-09	0.5YrCancerDerived_InhSoilDerm	9.32E-09	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	0.00E+00
618	ALL	748210.5	4351328	9.23E-09	0.5YrCancerDerived_InhSoilDerm	9.23E-09	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	0.00E+00
568	ALL	748812.2	4352155	9.16E-09	0.5YrCancerDerived_InhSoilDerm	9.16E-09	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	0.00E+00
382	ALL	748834.2	4352421	9.04E-09	0.5YrCancerDerived_InhSoilDerm	9.04E-09	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	0.00E+00
583	ALL	748286.8	4351937	9.01E-09	0.5YrCancerDerived_InhSoilDerm	9.01E-09	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	0.00E+00
620	ALL	748203.3	4351381	8.83E-09	0.5YrCancerDerived_InhSoilDerm	8.83E-09	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	0.00E+00
528	ALL	748534.2	4353521	8.75E-09	0.5YrCancerDerived_InhSoilDerm	8.75E-09	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	0.00E+00
429	ALL	748934.2	4352721	8.40E-09	0.5YrCancerDerived_InhSoilDerm	8.40E-09	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	0.00E+00
322	ALL	748834.2	4352121	8.40E-09	0.5YrCancerDerived_InhSoilDerm	8.40E-09	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	0.00E+00
344	ALL	748334.2	4352221	8.39E-09	0.5YrCancerDerived_InhSoilDerm	8.39E-09	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	0.00E+00
367	ALL	748834.2	4352321	8.39E-09	0.5YrCancerDerived_InhSoilDerm	8.39E-09	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	0.00E+00
556	ALL	748634.2	4353821	8.36E-09	0.5YrCancerDerived_InhSoilDerm	8.36E-09	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	0.00E+00
347	ALL	748834.2	4352221	8.32E-09	0.5YrCancerDerived_InhSoilDerm	8.32E-09	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	0.00E+00
495	ALL	748434.2	4353221	8.04E-09	0.5YrCancerDerived_InhSoilDerm	8.04E-09	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	0.00E+00
438	ALL	748334.2	4352821	8.00E-09	0.5YrCancerDerived_InhSoilDerm	8.00E-09	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	0.00E+00
537	ALL	748534.2	4353621	7.71E-09	0.5YrCancerDerived_InhSoilDerm	7.71E-09	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	0.00E+00
617	ALL	748197.1	4351362	7.63E-09	0.5YrCancerDerived_InhSoilDerm	7.63E-09	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	0.00E+00
619	ALL	748216.8	4351289	7.62E-09	0.5YrCancerDerived_InhSoilDerm	7.62E-09	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	0.00E+00
582	ALL	748278.8	4351959	7.60E-09	0.5YrCancerDerived_InhSoilDerm	7.60E-09	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	0.00E+00
451	ALL	748334.2	4352921	7.53E-09	0.5YrCancerDerived_InhSoilDerm	7.53E-09	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	0.00E+00
509	ALL	748434.2	4353321	7.03E-09	0.5YrCancerDerived_InhSoilDerm	7.03E-09	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	0.00E+00
416	ALL	748934.2	4352621	6.93E-09	0.5YrCancerDerived_InhSoilDerm	6.93E-09	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	0.00E+00
234	ALL	748234.2	4351621	6.92E-09	0.5YrCancerDerived_InhSoilDerm	6.92E-09	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	0.00E+00
581	ALL	748281.2	4352001	6.84E-09	0.5YrCancerDerived_InhSoilDerm	6.84E-09	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	0.00E+00
546	ALL	748534.2	4353721	6.84E-09	0.5YrCancerDerived_InhSoilDerm	6.84E-09	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	0.00E+00
458	ALL	749034.2	4352921	6.75E-09	0.5YrCancerDerived_InhSoilDerm	6.75E-09	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	0.00E+00
425	ALL	748334.2	4352721	6.64E-09	0.5YrCancerDerived_InhSoilDerm	6.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.0				

400	ALL		748934.2	4352521	6.09E-09	0.5YrCancerDerived_InhSoilDerm	6.09E-09	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
579	ALL		748278.8	4352046	5.97E-09	0.5YrCancerDerived_InhSoilDerm	5.97E-09	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
383	ALL		748934.2	4352421	5.79E-09	0.5YrCancerDerived_InhSoilDerm	5.79E-09	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
348	ALL		748934.2	4352221	5.72E-09	0.5YrCancerDerived_InhSoilDerm	5.72E-09	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
368	ALL		748934.2	4352321	5.70E-09	0.5YrCancerDerived_InhSoilDerm	5.70E-09	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
580	ALL		748269.1	4352021	5.69E-09	0.5YrCancerDerived_InhSoilDerm	5.69E-09	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
323	ALL		748934.2	4352121	5.67E-09	0.5YrCancerDerived_InhSoilDerm	5.67E-09	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
443	ALL		749034.2	4352821	5.66E-09	0.5YrCancerDerived_InhSoilDerm	5.66E-09	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
466	ALL		748334.2	4353021	5.60E-09	0.5YrCancerDerived_InhSoilDerm	5.60E-09	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
527	ALL		748434.2	4353521	5.52E-09	0.5YrCancerDerived_InhSoilDerm	5.52E-09	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
574	ALL		748287.6	4352208	5.17E-09	0.5YrCancerDerived_InhSoilDerm	5.17E-09	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
249	ALL		748234.2	4351721	5.12E-09	0.5YrCancerDerived_InhSoilDerm	5.12E-09	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
280	ALL		748234.2	4351921	5.07E-09	0.5YrCancerDerived_InhSoilDerm	5.07E-09	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
364	ALL		748316.4	4352318	5.06E-09	0.5YrCancerDerived_InhSoilDerm	5.06E-09	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
413	ALL		748334.2	4352621	4.97E-09	0.5YrCancerDerived_InhSoilDerm	4.97E-09	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
536	ALL		748434.2	4353621	4.95E-09	0.5YrCancerDerived_InhSoilDerm	4.95E-09	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
575	ALL		748280.4	4352178	4.95E-09	0.5YrCancerDerived_InhSoilDerm	4.95E-09	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
430	ALL		749034.2	4352721	4.88E-09	0.5YrCancerDerived_InhSoilDerm	4.88E-09	0.00E+0										

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432	ALL		747734.2	4352821	8.70E-10	0.5YrCancerDerived_InhSoilDerm	8.70E-10	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
489	ALL		747834.2	4353221	8.70E-10	0.5YrCancerDerived_InhSoilDerm	8.70E-10	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
285	ALL		749334.2	4351921	8.53E-10	0.5YrCancerDerived_InhSoilDerm	8.53E-10	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
503	ALL		747834.2	4353321	8.35E-10	0.5YrCancerDerived_InhSoilDerm	8.35E-10	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
312	ALL		747334.2	4352121	8.30E-10	0.5YrCancerDerived_InhSoilDerm	8.30E-10	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
418	ALL		747634.2	4352721	8.23E-10	0.5YrCancerDerived_InhSoilDerm	8.23E-10	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
278	ALL		748034.2	4351921	8.18E-10	0.5YrCancerDerived_InhSoilDerm	8.18E-10	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
144	ALL		748434.2	4350921	8.10E-10	0.5YrCancerDerived_InhSoilDerm	8.10E-10	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
445	ALL		747734.2	4352921	8.08E-10	0.5YrCancerDerived_InhSoilDerm	8.08E-10	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
334	ALL		747334.2	4352221	7.91E-10	0.5YrCancerDerived_InhSoilDerm	7.91E-10	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
601	ALL		748036.2	4351388	7.78E-10	0.5YrCancerDerived_InhSoilDerm	7.78E-10	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
188	ALL		748034.2	4351321	7.77E-10	0.5YrCancerDerived_InhSoilDerm	7.77E-10	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
392	ALL		747734.2	4352521	7.76E-10	0.5YrCancerDerived_InhSoilDerm	7.76E-10	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
460	ALL		747734.2	4353021	7.72E-10	0.5YrCancerDerived_InhSoilDerm	7.72E-10	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
602	ALL		748033.3	4351360	7.71E-10	0.5YrCancerDerived_InhSoilDerm	7.71E-10	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
202	ALL		748034.2	4351421	7.53E-10	0.5YrCancerDerived_InhSoilDerm	7.53E-10	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
233	ALL		748073.7	4351672	7.50E-10	0.5YrCancerDerived_InhSoilDerm	7.50E-10	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
340	ALL		747934.2	4352221	7.50E-10	0.5YrCancerDerived_InhSoilDerm	7.50E-10	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
474	ALL		747734.2	4353121	7.47E-10	0.5YrCancerDerived_InhSoilDerm	7.47E-10	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
431	ALL		747634.2	4352821	7.45E-10	0.5YrCancerDerived_InhSoilDerm	7.45E-10	0.00E+00	0.00E+00	0.00E						

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145	ALL		747334.2	4351021	8.98E-11	0.5YrCancerDerived_InhSoilDerm	8.98E-11	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
47	ALL		748334.2	4350121	8.89E-11	0.5YrCancerDerived_InhSoilDerm	8.89E-11	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
133	ALL		747334.2	4350921	8.71E-11	0.5YrCancerDerived_InhSoilDerm	8.71E-11	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
192	ALL		746434.2	4351421	8.66E-11	0.5YrCancerDerived_InhSoilDerm	8.66E-11	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
194	ALL		746634.2	4351421	8.63E-11	0.5YrCancerDerived_InhSoilDerm	8.63E-11	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
193	ALL		746534.2	4351421	8.54E-11	0.5YrCancerDerived_InhSoilDerm	8.54E-11	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	ALL		747434.2	4349821	8.54E-11	0.5YrCancerDerived_InhSoilDerm	8.54E-11	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
121	ALL		747334.2	4350821	8.46E-11	0.5YrCancerDerived_InhSoilDerm	8.46E-11	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
60	ALL		748434.2	4350221	8.31E-11	0.5YrCancerDerived_InhSoilDerm	8.31E-11	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	ALL		748134.2	4349821	8.20E-11	0.5YrCancerDerived_InhSoilDerm	8.20E-11	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
109	ALL		747334.2	4350721	8.20E-11	0.5YrCancerDerived_InhSoilDerm	8.20E-11	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
49	ALL		747334.2	4350221	8.07E-11	0.5YrCancerDerived_InhSoilDerm	8.07E-11	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
61	ALL		747334.2	4350321	8.05E-11	0.5YrCancerDerived_InhSoilDerm	8.05E-11	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
22	ALL		748234.2	4349921	8.04E-11	0.5YrCancerDerived_InhSoilDerm	8.04E-11	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
97	ALL		747334.2	4350621	8.02E-11	0.5YrCancerDerived_InhSoilDerm	8.02E-11	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
37	ALL		747334.2	4350121	7.98E-11	0.5YrCancerDerived_InhSoilDerm	7.98E-11	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
25	ALL		747334.2	4350021	7.98E-11	0.5YrCancerDerived_InhSoilDerm	7.98E-11	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
13	ALL		747334.2	4349921	7.95E-11	0.5YrCancerDerived_InhSoilDerm	7.95E-11	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
85	ALL		747334.2	4350521	7.94E-11	0.5YrCancerDerived_InhSoilDerm	7.94E-11	0.00E+00	0.00E+0								

*HARP - HRACalc v22118 2/16/2023 2:18:49 PM - Chronic Risk - Sorted Max to Min

	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
628	ALL		748426	4352031	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-01
630	ALL		748446.8	4352063	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.75E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.75E-02
629	ALL		748427.9	4352056	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-02
627	ALL		748409.7	4352025	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-02
622	ALL		748428.1	4351922	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-02
623	ALL		748417.6	4351907	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-02
625	ALL		748433.1	4351909	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-02
624	ALL		748422	4351897	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-02
626	ALL		748402.1	4351876	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-02
585	ALL		748500.4	4351912	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-02
587	ALL		748475.5	4351832	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-02
586	ALL		748500.4	4351883	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02
562	ALL		748591.1	4352251	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-02
560	ALL		748584.5	4352211	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-02
588	ALL		748469.8	4351799	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-03
218	ALL		748334.2	4351521	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.35E-03
616	ALL		748365.4	4351278	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-03
564	ALL		748616.6	4352277	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-03
599	ALL		748347.9	4351552	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.49E-03
566	ALL		748642.2	4352388	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-03
281	ALL		748549.9	4351948	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.57E-03
615	ALL		748380.5	4351293	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-03
589	ALL		748499.1	4351779	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-03
426	ALL		748643.1	4352725	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-03
598	ALL		748344.1	4351585	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.96E-03
592	ALL		748541.6	4351866	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-03
365	ALL		748653.2	4352332	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-03
266	ALL		748534.2	4351821	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-03
561	ALL		748617.6	4352190	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-03
439	ALL		748634.2	4352821	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-03
235	ALL		748334.2	4351621	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-03
591	ALL		748507.6	4351745	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-03
345	ALL		748634.2	4352221	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-03
590	ALL		748495.3	4351718	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-03
179	ALL		748434.2	4351221	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-03
454	ALL		748634.2	4352921	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-03
614	ALL		748419.4	4351231	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-03
427	ALL		748734.2	4352721	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-03
414	ALL		748734.2	4352621	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-03
440	ALL		748734.2	4352821	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-03
597	ALL		748321.5	4351643	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-03
190	ALL		748334.2	4351321	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-03
455	ALL		748734.2	4352921	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-03
398	ALL		748734.2	4352521	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-03
204	ALL		748334.2	4351421	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-03
469	ALL		748634.2	4353021	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-03
250	ALL		748334.2	4351721	NonCancerChronicDerived_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-03
595	ALL		748318.6	4351677	NonCancerChronicDerived_InhSoilDerm	0.00E+00														

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NCS Wood Energy Boiler Operation - Residential Acute Risk

*HARP - HRACalc v22118 2/9/2023 9:32:14 AM - Acute Risk - Sorted Max to Min

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
584	ALL		748300.4	4351918	NonCancerAcute	4.70E-04	4.85E-02	2.13E-02	0.00E+00	8.73E-06	2.05E-02	5.37E-02	0.00E+00	5.46E-02	0.00E+00	0.00E+00	1.93E-02	0.00E+00	0.00E+00	5.46E-02
583	ALL		748286.8	4351937	NonCancerAcute	4.27E-04	4.40E-02	1.93E-02	0.00E+00	7.93E-06	1.86E-02	4.88E-02	0.00E+00	4.96E-02	0.00E+00	0.00E+00	1.75E-02	0.00E+00	0.00E+00	4.96E-02
581	ALL		748281.2	4352001	NonCancerAcute	4.06E-04	4.18E-02	1.83E-02	0.00E+00	7.53E-06	1.77E-02	4.64E-02	0.00E+00	4.71E-02	0.00E+00	0.00E+00	1.66E-02	0.00E+00	0.00E+00	4.71E-02
582	ALL		748278.8	4351959	NonCancerAcute	3.98E-04	4.10E-02	1.80E-02	0.00E+00	7.38E-06	1.73E-02	4.54E-02	0.00E+00	4.62E-02	0.00E+00	0.00E+00	1.63E-02	0.00E+00	0.00E+00	4.62E-02
586	ALL		748500.4	4351883	NonCancerAcute	3.70E-04	3.82E-02	1.67E-02	0.00E+00	6.88E-06	1.61E-02	4.23E-02	0.00E+00	4.30E-02	0.00E+00	0.00E+00	1.52E-02	0.00E+00	0.00E+00	4.30E-02
588	ALL		748469.8	4351799	NonCancerAcute	3.61E-04	3.73E-02	1.63E-02	0.00E+00	6.71E-06	1.58E-02	4.13E-02	0.00E+00	4.20E-02	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	4.20E-02
585	ALL		748500.4	4351912	NonCancerAcute	3.61E-04	3.72E-02	1.63E-02	0.00E+00	6.70E-06	1.57E-02	4.12E-02	0.00E+00	4.19E-02	0.00E+00	0.00E+00	1.48E-02	0.00E+00	0.00E+00	4.19E-02
587	ALL		748475.5	4351832	NonCancerAcute	3.57E-04	3.68E-02	1.61E-02	0.00E+00	6.62E-06	1.55E-02	4.07E-02	0.00E+00	4.14E-02	0.00E+00	0.00E+00	1.46E-02	0.00E+00	0.00E+00	4.14E-02
579	ALL		748278.8	4352046	NonCancerAcute	3.46E-04	3.57E-02	1.56E-02	0.00E+00	6.42E-06	1.51E-02	3.95E-02	0.00E+00	4.02E-02	0.00E+00	0.00E+00	1.42E-02	0.00E+00	0.00E+00	4.02E-02
580	ALL		748269.1	4352021	NonCancerAcute	3.43E-04	3.54E-02	1.55E-02	0.00E+00	6.38E-06	1.50E-02	3.92E-02	0.00E+00	3.99E-02	0.00E+00	0.00E+00	1.41E-02	0.00E+00	0.00E+00	3.99E-02
592	ALL		748541.6	4351866	NonCancerAcute	3.41E-04	3.51E-02	1.54E-02	0.00E+00	6.33E-06	1.49E-02	3.89E-02	0.00E+00	3.96E-02	0.00E+00	0.00E+00	1.40E-02	0.00E+00	0.00E+00	3.96E-02
281	ALL		748549.9	4351948	NonCancerAcute	3.22E-04	3.32E-02	1.45E-02	0.00E+00	5.98E-06	1.40E-02	3.68E-02	0.00E+00	3.74E-02	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	3.74E-02
589	ALL		748499.1	4351779	NonCancerAcute	3.06E-04	3.15E-02	1.38E-02	0.00E+00	5.68E-06	1.33E-02	3.49E-02	0.00E+00	3.55E-02	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	3.55E-02
266	ALL		748534.2	4351821	NonCancerAcute	2.96E-04	3.05E-02	1.34E-02	0.00E+00	5.49E-06	1.29E-02	3.38E-02	0.00E+00	3.43E-02	0.00E+00	0.00E+00	1.21E-02	0.00E+00	0.00E+00	3.43E-02
301	ALL		748234.2	4352021	NonCancerAcute	2.90E-04	2.99E-02	1.31E-02	0.00E+00	5.39E-06	1.26E-02	3.32E-02	0.00E+00	3.37E-02	0.00E+00	0.00E+00	1.19E-02	0.00E+00	0.00E+00	3.37E-02
591	ALL		748507.6	4351745	NonCancerAcute	2.83E-04	2.92E-02	1.28E-02	0.00E+00	5.25E-06	1.23E-02	3.23E-02	0.00E+00	3.28E-02	0.00E+00	0.00E+00	1.16E-02	0.00E+00	0.00E+00	3.28E-02
250	ALL		748334.2	4351721	NonCancerAcute	2.72E-04	2.80E-02	1.23E-02	0.00E+00	5.05E-06	1.18E-02	3.11E-02	0.00E+00	3.16E-02	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	3.16E-02
280	ALL		748234.2	4351921	NonCancerAcute	2.72E-04	2.80E-02	1.23E-02	0.00E+00	5.05E-06	1.18E-02	3.10E-02	0.00E+00	3.15E-02	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	3.15E-02
590	ALL		748495.3	4351718	NonCancerAcute	2.71E-04	2.80E-02	1.23E-02	0.00E+00	5.03E-06	1.18E-02	3.10E-02	0.00E+00	3.15E-02	0.00E+00	0.00E+00	1.11E-02	0.00E+00	0.00E+00	3.15E-02
578	ALL		748241.8	4352073	NonCancerAcute	2.62E-04	2.70E-02	1.18E-02	0.00E+00	4.86E-06	1.14E-02	2.99E-02	0.00E+00	3.04E-02	0.00E+00	0.00E+00	1.07E-02	0.00E+00	0.00E+00	3.04E-02
267	ALL		748634.2	4351821	NonCancerAcute	2.56E-04	2.64E-02	1.16E-02	0.00E+00	4.75E-06	1.12E-02	2.92E-02	0.00E+00	2.97E-02	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	2.97E-02
571	ALL		748369.1	4352212	NonCancerAcute	2.49E-04	2.56E-02	1.12E-02	0.00E+00	4.62E-06	1.08E-02	2.84E-02	0.00E+00	2.89E-02	0.00E+00	0.00E+00	1.02E-02	0.00E+00	0.00E+00	2.89E-02
595	ALL		748318.6	4351677	NonCancerAcute	2.47E-04	2.54E-02	1.12E-02	0.00E+00	4.58E-06	1.07E-02	2.82E-02	0.00E+00	2.86E-02	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	2.86E-02
412	ALL		748234.2	4352621	NonCancerAcute	2.42E-04	2.50E-02	1.10E-02	0.00E+00	4.50E-06	1.06E-02	2.77E-02	0.00E+00	2.81E-02	0.00E+00	0.00E+00	9.93E-03	0.00E+00	0.00E+00	2.81E-02
570	ALL		748392.7	4352235	NonCancerAcute	2.41E-04	2.48E-02	1.09E-02	0.00E+00	4.47E-06	1.05E-02	2.75E-02	0.00E+00	2.80E-02	0.00E+00	0.00E+00	9.87E-03	0.00E+00	0.00E+00	2.80E-02
251	ALL		748534.2	4351721	NonCancerAcute	2.40E-04	2.47E-02	1.08E-02	0.00E+00	4.45E-06	1.04E-02	2.74E-02	0.00E+00	2.78E-02	0.00E+00	0.00E+00	9.82E-03	0.00E+00	0.00E+00	2.78E-02
235	ALL		748334.2	4351621	NonCancerAcute	2.36E-04	2.40E-02	1.05E-02	0.00E+00	4.32E-06	1.01E-02	2.66E-02	0.00E+00	2.70E-02	0.00E+00	0.00E+00	9.53E-03	0.00E+00	0.00E+00	2.70E-02
597	ALL		748321.5	4351643	NonCancerAcute	2.31E-04	2.38E-02	1.05E-02	0.00E+00	4.30E-06	1.01E-02	2.64E-02	0.00E+00	2.69E-02	0.00E+00	0.00E+00	9.48E-03	0.00E+00	0.00E+00	2.69E-02
218	ALL		748334.2	4351521	NonCancerAcute	2.31E-04	2.38E-02	1.04E-02	0.00E+00	4.29E-06	1.01E-02	2.64E-02	0.00E+00	2.68E-02	0.00E+00	0.00E+00	9.46E-03	0.00E+00	0.00E+00	2.68E-02
598	ALL		748344.1	4351585	NonCancerAcute	2.31E-04	2.38E-02	1.04E-02	0.00E+00	4.29E-06	1.01E-02	2.64E-02	0.00E+00	2.68E-02	0.00E+00	0.00E+00	9.46E-03	0.00E+00	0.00E+00	2.68E-02
575	ALL		748280.4	4352178	NonCancerAcute	2.27E-04	2.34E-02	1.03E-02	0.00E+00	4.22E-06	9.89E-03	2.60E-02	0.00E+00	2.64E-02	0.00E+00	0.00E+00	9.31E-03	0.00E+00	0.00E+00	2.64E-02
191	ALL		748434.2	4351321	NonCancerAcute	2.25E-04	2.32E-02	1.02E-02	0.00E+00	4.18E-06	9.80E-03	2.57E-02	0.00E+00	2.61E-02	0.00E+00	0.00E+00	9.22E-03	0.00E+00	0.00E+00	2.61E-02
204	ALL		748334.2	4351421	NonCancerAcute	2.24E-04	2.31E-02	1.01E-02	0.00E+00	4.16E-06	9.77E-03	2.56E-02	0.00E+00	2.60E-02	0.00E+00	0.00E+00	9.19E-03	0.00E+00	0.00E+00	2.60E-02
599	ALL		748347.9	4351552	NonCancerAcute	2.22E-04	2.29E-02	1.01E-02	0.00E+00	4.13E-06	9.69E-03	2.54E-02	0.00E+00	2.58E-02	0.00E+00	0.00E+00	9.12E-03	0.00E+00	0.00E+00	2.58E-02
593	ALL		748504.8	4351644	NonCancerAcute	2.22E-04	2.29E-02	1.00E-02	0.00E+00	4.13E-06	9.68E-03	2.54E-02	0.00E+00	2.58E-02	0.00E+00	0.00E+00	9.11E-03	0.00E+00	0.00E+00	2.58E-02
411	ALL		748134.2	4352621	NonCancerAcute	2.22E-04	2.29E-02	1.00E-02	0.00E+00	4.12E-06	9.66E-03	2.53E-02	0.00E+00	2.58E-02	0.00E+00	0.00E+00	9.10E-03	0.00E+00	0.00E+00	2.58E-02
397	ALL		748314.2	4352541	NonCancerAcute	2.20E-04	2.27E-02	9.94E-03	0.00E+00	4.08E-06	9.58E-03	2.51E-02	0.00E+00	2.55E-02	0.00E+00	0.00E+00	9.02E-03	0.00E+00	0.00E+00	2.55E-02
576	ALL		748261.1	4352146	NonCancerAcute	2.18E-04	2.25E-02	9.87E-03	0.00E+00	4.05E-06	9.51E-03	2.49E-02	0.00E+00	2.53E-02	0.00E+00	0.00E+00	8.95E-03	0.00E+00	0.00E+00	2.53E-02
413	ALL		748334.2	4352621	NonCancerAcute	2.17E-04	2.24E-02	9.81E-03	0.00E+00	4.03E-06	9.45E-03	2.48E-02	0.00E+00	2.52E-02	0.00E+00	0.00E+00	8.89E-03	0.00E+00	0.00E+00	2.52E-02
190	ALL		748334.2	4351321	NonCancerAcute	2.15E-04	2.21E-02	9.71E-03	0.00E+00	3.99E-06	9.35E-03	2.45E-02	0.00E+00	2.49E-02	0.00E+00	0.00E+00	8.80E-03	0.00E+00	0.00E+00	2.49E-02
577	ALL		748232.2	4352103	NonCancerAcute	2.13E-04	2.20E-02	9.63E-03	0.00E+00	3.96E-06	9.28E-03	2.43E-02	0.00E+00	2.47E-02	0.00E+00	0.00E+00	8.73E-03	0.00E+00	0.00E+00	2.47E-02
344	ALL		748334.2	4352221	NonCancerAcute	2.10E-04	2.17E-02	9.50E-03	0.00E+00	3.90E-06	9.15E-03	2.40E-02	0.00E+00	2.44E-02	0.00E+00	0.00E+00	8.61E-03	0.00E+00	0.00E+00	2.44E-02
574	ALL		748287.6	4352208	NonCancerAcute	2.06E-04	2.12E-02	9.30E-03	0.00E+00	3.82E-06	8.96E-03	2.35E-02	0.00E+00	2.39E-02	0.00E+00	0.00E+00	8.43E-03	0.00E+00	0.00E+00	2.39E-02
321	ALL		748234.2	4352121	NonCancerAcute	2.03E-04	2.10E-02	9.20E-03	0.00E+00	3.78E-06	8.86E-03	2.32E-02	0.00E+00	2.36E-02	0.00E+00	0.00E+00	8.34E-03	0.00E+00	0.00E+00	2.36E-02
342	ALL		748134.2	4352221	NonCancerAcute	1.98E-04	2.04E-02	8.94E-03	0.00E+00	3.67E-06	8.61E-03	2.26E-02	0.00E+00	2.29E-02	0.00E+00	0.00E+00	8.10E-03	0.00E+00	0.00E+00	2.29E-02
594	ALL		748509.5	4351615	NonCancerAcute	1.94E-04	2.00E-02	8.75E-03	0.00E+00	3.59E-06	8.43E-03	2.21E-02	0.00E+00	2.25E-02	0.00E+00	0.00E+00	7.94E-03	0.00E+00	0.00E+00	2.25E-02
572	ALL		748306.7	4352223	NonCancerAcute	1.91E-04	1.97E-02	8.65E-03	0.00E+00	3.55E-06	8.33E-03	2.18E-02	0.00E+00	2.22E-02	0.00E+00	0.00E+00	7.84E-03	0.00E+00	0.00E+00	2.22E-02
252	ALL		748634.2	4351721	NonCancerAcute	1.87E-04	1.93E-02	8.45E-03	0.00E+00	3.47E-06	8.14E-03	2.13E-02	0.00E+00	2.17E-02	0.00E+00	0.00E+				

596 ALL	748457.5	4351557	NonCancerAcute	1.72E-04	1.77E-02	7.76E-03	0.00E+00	3.19E-06	7.47E-03	1.96E-02	0.00E+00	1.99E-02	0.00E+00	0.00E+00	7.03E-03	0.00E+00	0.00E+00	1.99E-02
320 ALL	748134.2	4352121	NonCancerAcute	1.71E-04	1.76E-02	7.72E-03	0.00E+00	3.17E-06	7.44E-03	1.95E-02	0.00E+00	1.98E-02	0.00E+00	0.00E+00	7.00E-03	0.00E+00	0.00E+00	1.98E-02
362 ALL	748134.2	4352321	NonCancerAcute	1.70E-04	1.75E-02	7.68E-03	0.00E+00	3.16E-06	7.40E-03	1.94E-02	0.00E+00	1.97E-02	0.00E+00	0.00E+00	6.97E-03	0.00E+00	0.00E+00	1.97E-02
561 ALL	748617.6	4352190	NonCancerAcute	1.67E-04	1.72E-02	7.53E-03	0.00E+00	3.09E-06	7.26E-03	1.90E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	6.83E-03	0.00E+00	0.00E+00	1.93E-02
300 ALL	748134.2	4352021	NonCancerAcute	1.66E-04	1.71E-02	7.52E-03	0.00E+00	3.09E-06	7.24E-03	1.90E-02	0.00E+00	1.93E-02	0.00E+00	0.00E+00	6.82E-03	0.00E+00	0.00E+00	1.93E-02
249 ALL	748234.2	4351721	NonCancerAcute	1.65E-04	1.70E-02	7.44E-03	0.00E+00	3.06E-06	7.17E-03	1.88E-02	0.00E+00	1.91E-02	0.00E+00	0.00E+00	6.75E-03	0.00E+00	0.00E+00	1.91E-02
613 ALL	748470.4	4351237	NonCancerAcute	1.63E-04	1.68E-02	7.36E-03	0.00E+00	3.02E-06	7.09E-03	1.86E-02	0.00E+00	1.89E-02	0.00E+00	0.00E+00	6.67E-03	0.00E+00	0.00E+00	1.89E-02
319 ALL	748034.2	4352121	NonCancerAcute	1.61E-04	1.66E-02	7.30E-03	0.00E+00	3.00E-06	7.03E-03	1.84E-02	0.00E+00	1.87E-02	0.00E+00	0.00E+00	6.62E-03	0.00E+00	0.00E+00	1.87E-02
615 ALL	748380.5	4351293	NonCancerAcute	1.59E-04	1.64E-02	7.17E-03	0.00E+00	2.95E-06	6.91E-03	1.81E-02	0.00E+00	1.84E-02	0.00E+00	0.00E+00	6.50E-03	0.00E+00	0.00E+00	1.84E-02
341 ALL	748034.2	4352221	NonCancerAcute	1.58E-04	1.63E-02	7.15E-03	0.00E+00	2.94E-06	6.89E-03	1.81E-02	0.00E+00	1.84E-02	0.00E+00	0.00E+00	6.49E-03	0.00E+00	0.00E+00	1.84E-02
236 ALL	748534.2	4351621	NonCancerAcute	1.56E-04	1.61E-02	7.07E-03	0.00E+00	2.90E-06	6.81E-03	1.79E-02	0.00E+00	1.81E-02	0.00E+00	0.00E+00	6.41E-03	0.00E+00	0.00E+00	1.81E-02
203 ALL	748234.2	4351421	NonCancerAcute	1.51E-04	1.56E-02	6.83E-03	0.00E+00	2.81E-06	6.58E-03	1.73E-02	0.00E+00	1.75E-02	0.00E+00	0.00E+00	6.19E-03	0.00E+00	0.00E+00	1.75E-02
621 ALL	748225.8	4351411	NonCancerAcute	1.51E-04	1.55E-02	6.81E-03	0.00E+00	2.80E-06	6.56E-03	1.72E-02	0.00E+00	1.75E-02	0.00E+00	0.00E+00	6.17E-03	0.00E+00	0.00E+00	1.75E-02
219 ALL	748451.2	4351515	NonCancerAcute	1.50E-04	1.55E-02	6.79E-03	0.00E+00	2.79E-06	6.54E-03	1.72E-02	0.00E+00	1.74E-02	0.00E+00	0.00E+00	6.15E-03	0.00E+00	0.00E+00	1.74E-02
564 ALL	748616.6	4352277	NonCancerAcute	1.47E-04	1.52E-02	6.66E-03	0.00E+00	2.74E-06	6.42E-03	1.68E-02	0.00E+00	1.71E-02	0.00E+00	0.00E+00	6.04E-03	0.00E+00	0.00E+00	1.71E-02
339 ALL	747834.2	4352221	NonCancerAcute	1.47E-04	1.51E-02	6.64E-03	0.00E+00	2.73E-06	6.40E-03	1.68E-02	0.00E+00	1.71E-02	0.00E+00	0.00E+00	6.02E-03	0.00E+00	0.00E+00	1.71E-02
343 ALL	748234.2	4352221	NonCancerAcute	1.46E-04	1.51E-02	6.63E-03	0.00E+00	2.72E-06	6.38E-03	1.67E-02	0.00E+00	1.70E-02	0.00E+00	0.00E+00	6.01E-03	0.00E+00	0.00E+00	1.70E-02
345 ALL	748634.2	4352221	NonCancerAcute	1.44E-04	1.49E-02	6.52E-03	0.00E+00	2.68E-06	6.28E-03	1.65E-02	0.00E+00	1.67E-02	0.00E+00	0.00E+00	5.91E-03	0.00E+00	0.00E+00	1.67E-02
279 ALL	748134.2	4351921	NonCancerAcute	1.41E-04	1.46E-02	6.39E-03	0.00E+00	2.62E-06	6.16E-03	1.61E-02	0.00E+00	1.64E-02	0.00E+00	0.00E+00	5.79E-03	0.00E+00	0.00E+00	1.64E-02
234 ALL	748234.2	4351621	NonCancerAcute	1.39E-04	1.44E-02	6.30E-03	0.00E+00	2.59E-06	6.07E-03	1.59E-02	0.00E+00	1.62E-02	0.00E+00	0.00E+00	5.71E-03	0.00E+00	0.00E+00	1.62E-02
180 ALL	748634.2	4351221	NonCancerAcute	1.37E-04	1.41E-02	6.19E-03	0.00E+00	2.54E-06	5.96E-03	1.56E-02	0.00E+00	1.59E-02	0.00E+00	0.00E+00	5.61E-03	0.00E+00	0.00E+00	1.59E-02
616 ALL	748365.4	4351278	NonCancerAcute	1.32E-04	1.36E-02	5.96E-03	0.00E+00	2.45E-06	5.74E-03	1.50E-02	0.00E+00	1.53E-02	0.00E+00	0.00E+00	5.40E-03	0.00E+00	0.00E+00	1.53E-02
563 ALL	748669.6	4352216	NonCancerAcute	1.31E-04	1.35E-02	5.91E-03	0.00E+00	2.43E-06	5.69E-03	1.49E-02	0.00E+00	1.52E-02	0.00E+00	0.00E+00	5.36E-03	0.00E+00	0.00E+00	1.52E-02
620 ALL	748203.3	4351381	NonCancerAcute	1.28E-04	1.32E-02	5.79E-03	0.00E+00	2.38E-06	5.58E-03	1.46E-02	0.00E+00	1.49E-02	0.00E+00	0.00E+00	5.25E-03	0.00E+00	0.00E+00	1.49E-02
285 ALL	749334.2	4351921	NonCancerAcute	1.26E-04	1.30E-02	5.68E-03	0.00E+00	2.33E-06	5.47E-03	1.44E-02	0.00E+00	1.46E-02	0.00E+00	0.00E+00	5.15E-03	0.00E+00	0.00E+00	1.46E-02
189 ALL	748234.2	4351321	NonCancerAcute	1.23E-04	1.27E-02	5.58E-03	0.00E+00	2.29E-06	5.37E-03	1.41E-02	0.00E+00	1.43E-02	0.00E+00	0.00E+00	5.06E-03	0.00E+00	0.00E+00	1.43E-02
340 ALL	747934.2	4352221	NonCancerAcute	1.23E-04	1.26E-02	5.55E-03	0.00E+00	2.28E-06	5.34E-03	1.40E-02	0.00E+00	1.42E-02	0.00E+00	0.00E+00	5.03E-03	0.00E+00	0.00E+00	1.42E-02
220 ALL	748534.2	4351521	NonCancerAcute	1.22E-04	1.25E-02	5.50E-03	0.00E+00	2.26E-06	5.30E-03	1.39E-02	0.00E+00	1.41E-02	0.00E+00	0.00E+00	4.99E-03	0.00E+00	0.00E+00	1.41E-02
328 ALL	749434.2	4352121	NonCancerAcute	1.22E-04	1.25E-02	5.50E-03	0.00E+00	2.26E-06	5.29E-03	1.39E-02	0.00E+00	1.41E-02	0.00E+00	0.00E+00	4.98E-03	0.00E+00	0.00E+00	1.41E-02
264 ALL	748134.2	4351821	NonCancerAcute	1.19E-04	1.22E-02	5.37E-03	0.00E+00	2.21E-06	5.17E-03	1.36E-02	0.00E+00	1.38E-02	0.00E+00	0.00E+00	4.87E-03	0.00E+00	0.00E+00	1.38E-02
607 ALL	748307.4	4351258	NonCancerAcute	1.19E-04	1.22E-02	5.36E-03	0.00E+00	2.20E-06	5.16E-03	1.35E-02	0.00E+00	1.38E-02	0.00E+00	0.00E+00	4.86E-03	0.00E+00	0.00E+00	1.38E-02
614 ALL	748419.4	4351231	NonCancerAcute	1.18E-04	1.22E-02	5.35E-03	0.00E+00	2.20E-06	5.16E-03	1.35E-02	0.00E+00	1.37E-02	0.00E+00	0.00E+00	4.85E-03	0.00E+00	0.00E+00	1.37E-02
566 ALL	748642.2	4352388	NonCancerAcute	1.18E-04	1.21E-02	5.32E-03	0.00E+00	2.18E-06	5.12E-03	1.34E-02	0.00E+00	1.36E-02	0.00E+00	0.00E+00	4.82E-03	0.00E+00	0.00E+00	1.36E-02
248 ALL	748134.2	4351721	NonCancerAcute	1.17E-04	1.21E-02	5.28E-03	0.00E+00	2.17E-06	5.09E-03	1.34E-02	0.00E+00	1.36E-02	0.00E+00	0.00E+00	4.79E-03	0.00E+00	0.00E+00	1.36E-02
257 ALL	747434.2	4351821	NonCancerAcute	1.15E-04	1.19E-02	5.21E-03	0.00E+00	2.14E-06	5.02E-03	1.32E-02	0.00E+00	1.34E-02	0.00E+00	0.00E+00	4.73E-03	0.00E+00	0.00E+00	1.34E-02
365 ALL	748653.2	4352332	NonCancerAcute	1.15E-04	1.18E-02	5.18E-03	0.00E+00	2.13E-06	4.99E-03	1.31E-02	0.00E+00	1.33E-02	0.00E+00	0.00E+00	4.70E-03	0.00E+00	0.00E+00	1.33E-02
318 ALL	747934.2	4352121	NonCancerAcute	1.14E-04	1.18E-02	5.18E-03	0.00E+00	2.13E-06	4.99E-03	1.31E-02	0.00E+00	1.33E-02	0.00E+00	0.00E+00	4.69E-03	0.00E+00	0.00E+00	1.33E-02
179 ALL	748434.2	4351221	NonCancerAcute	1.14E-04	1.17E-02	5.15E-03	0.00E+00	2.12E-06	4.96E-03	1.30E-02	0.00E+00	1.32E-02	0.00E+00	0.00E+00	4.67E-03	0.00E+00	0.00E+00	1.32E-02
565 ALL	748690.3	4352250	NonCancerAcute	1.10E-04	1.13E-02	4.95E-03	0.00E+00	2.03E-06	4.77E-03	1.25E-02	0.00E+00	1.27E-02	0.00E+00	0.00E+00	4.49E-03	0.00E+00	0.00E+00	1.27E-02
612 ALL	748464.6	4351182	NonCancerAcute	1.09E-04	1.13E-02	4.94E-03	0.00E+00	2.03E-06	4.76E-03	1.25E-02	0.00E+00	1.27E-02	0.00E+00	0.00E+00	4.48E-03	0.00E+00	0.00E+00	1.27E-02
346 ALL	748734.2	4352221	NonCancerAcute	1.08E-04	1.11E-02	4.89E-03	0.00E+00	2.01E-06	4.71E-03	1.23E-02	0.00E+00	1.25E-02	0.00E+00	0.00E+00	4.43E-03	0.00E+00	0.00E+00	1.25E-02
618 ALL	748210.5	4351328	NonCancerAcute	1.07E-04	1.11E-02	4.85E-03	0.00E+00	1.99E-06	4.68E-03	1.23E-02	0.00E+00	1.25E-02	0.00E+00	0.00E+00	4.40E-03	0.00E+00	0.00E+00	1.25E-02
617 ALL	748197.1	4351362	NonCancerAcute	1.07E-04	1.11E-02	4.85E-03	0.00E+00	1.99E-06	4.68E-03	1.23E-02	0.00E+00	1.25E-02	0.00E+00	0.00E+00	4.40E-03	0.00E+00	0.00E+00	1.25E-02
308 ALL	749634.2	4352021	NonCancerAcute	1.07E-04	1.10E-02	4.84E-03	0.00E+00	1.99E-06	4.67E-03	1.22E-02	0.00E+00	1.24E-02	0.00E+00	0.00E+00	4.39E-03	0.00E+00	0.00E+00	1.24E-02
358 ALL	747734.2	4352321	NonCancerAcute	1.07E-04	1.10E-02	4.83E-03	0.00E+00	1.99E-06	4.66E-03	1.22E-02	0.00E+00	1.24E-02	0.00E+00	0.00E+00	4.38E-03	0.00E+00	0.00E+00	1.24E-02
299 ALL	748034.2	4352021	NonCancerAcute	1.06E-04	1.09E-02	4.80E-03	0.00E+00	1.97E-06	4.62E-03	1.21E-02	0.00E+00	1.23E-02	0.00E+00	0.00E+00	4.35E-03	0.00E+00	0.00E+00	1.23E-02
361 ALL	748034.2	4352321	NonCancerAcute	1.05E-04	1.08E-02	4.75E-03	0.00E+00	1.95E-06	4.58E-03	1.20E-02	0.00E+00	1.22E-02	0.00E+00	0.00E+00	4.31E-03	0.00E+00	0.00E+00	1.22E-02
322 ALL	748834.2	4352121	NonCancerAcute	1.03E-04	1.06E-02	4.65E-03	0.00E+00	1.91E-06	4.48E-03	1.17E-02	0.00E+00	1.19E-02	0.00E+00	0.00E+00	4.21E-03	0.00E+00	0.00E+00	1.19E-02
568 ALL	748812.2	4352155	NonCancerAcute	1.01E-04	1.05E-02	4.58E-03	0.00E+00	1.88E-06	4.42E-03	1.16E-02	0.00E+00	1.18E-02	0.00E+00	0.00E+00	4.16E-03	0.00E+00	0.00E+00	1.18E-02
338 ALL	747734.2	4352221	NonCancerAcute	1.01E-04	1.04E-02	4.55E-03	0.00E+00	1.87E-06	4.39E-03	1.15E-02	0.00E+00	1.17E-02	0.00E+00	0.00E+00	4.13E-03	0.00E+00	0.00E+00	1.17E-02
354 ALL	749534.2	4352221	NonCancerAcute	9.92E-05	1.02E-02	4.49E-03	0.00E+00	1.84E-06	4.32E-03	1.13E-02	0.00E+00	1.15E-02	0.00E+00	0.00E+00	4.07E-03	0.00		

359 ALL	747834.2	4352321	NonCancerAcute	9.25E-05	9.54E-03	4.18E-03	0.00E+00	1.72E-06	4.03E-03	1.06E-02	0.00E+00	1.07E-02	0.00E+00	0.00E+00	3.79E-03	0.00E+00	0.00E+00	1.07E-02
273 ALL	747534.2	4351921	NonCancerAcute	9.01E-05	9.30E-03	4.08E-03	0.00E+00	1.67E-06	3.93E-03	1.03E-02	0.00E+00	1.05E-02	0.00E+00	0.00E+00	3.70E-03	0.00E+00	0.00E+00	1.05E-02
378 ALL	747734.2	4352421	NonCancerAcute	9.01E-05	9.29E-03	4.08E-03	0.00E+00	1.67E-06	3.93E-03	1.03E-02	0.00E+00	1.05E-02	0.00E+00	0.00E+00	3.70E-03	0.00E+00	0.00E+00	1.05E-02
168 ALL	748634.2	4351121	NonCancerAcute	8.86E-05	9.13E-03	4.01E-03	0.00E+00	1.65E-06	3.86E-03	1.01E-02	0.00E+00	1.03E-02	0.00E+00	0.00E+00	3.63E-03	0.00E+00	0.00E+00	1.03E-02
364 ALL	748316.4	4352318	NonCancerAcute	8.76E-05	9.03E-03	3.96E-03	0.00E+00	1.63E-06	3.82E-03	1.00E-02	0.00E+00	1.02E-02	0.00E+00	0.00E+00	3.59E-03	0.00E+00	0.00E+00	1.02E-02
356 ALL	747534.2	4352321	NonCancerAcute	8.70E-05	8.97E-03	3.94E-03	0.00E+00	1.62E-06	3.79E-03	9.94E-03	0.00E+00	1.01E-02	0.00E+00	0.00E+00	3.57E-03	0.00E+00	0.00E+00	1.01E-02
608 ALL	748368.9	4351208	NonCancerAcute	8.60E-05	8.87E-03	3.89E-03	0.00E+00	1.60E-06	3.75E-03	9.83E-03	0.00E+00	9.99E-03	0.00E+00	0.00E+00	3.53E-03	0.00E+00	0.00E+00	9.99E-03
167 ALL	748534.2	4351121	NonCancerAcute	8.36E-05	8.62E-03	3.78E-03	0.00E+00	1.55E-06	3.64E-03	9.55E-03	0.00E+00	9.70E-03	0.00E+00	0.00E+00	3.43E-03	0.00E+00	0.00E+00	9.70E-03
396 ALL	748234.2	4352521	NonCancerAcute	8.29E-05	8.55E-03	3.75E-03	0.00E+00	1.54E-06	3.61E-03	9.48E-03	0.00E+00	9.63E-03	0.00E+00	0.00E+00	3.40E-03	0.00E+00	0.00E+00	9.63E-03
305 ALL	749334.2	4352021	NonCancerAcute	8.11E-05	8.36E-03	3.67E-03	0.00E+00	1.51E-06	3.53E-03	9.26E-03	0.00E+00	9.41E-03	0.00E+00	0.00E+00	3.32E-03	0.00E+00	0.00E+00	9.41E-03
278 ALL	748034.2	4351921	NonCancerAcute	7.98E-05	8.23E-03	3.61E-03	0.00E+00	1.48E-06	3.48E-03	9.12E-03	0.00E+00	9.26E-03	0.00E+00	0.00E+00	3.27E-03	0.00E+00	0.00E+00	9.26E-03
233 ALL	748073.7	4351672	NonCancerAcute	7.88E-05	8.12E-03	3.56E-03	0.00E+00	1.46E-06	3.43E-03	9.00E-03	0.00E+00	9.15E-03	0.00E+00	0.00E+00	3.23E-03	0.00E+00	0.00E+00	9.15E-03
221 ALL	748634.2	4351521	NonCancerAcute	7.83E-05	8.07E-03	3.54E-03	0.00E+00	1.45E-06	3.41E-03	8.95E-03	0.00E+00	9.09E-03	0.00E+00	0.00E+00	3.21E-03	0.00E+00	0.00E+00	9.09E-03
569 ALL	748804.7	4352254	NonCancerAcute	7.61E-05	7.84E-03	3.44E-03	0.00E+00	1.41E-06	3.31E-03	8.69E-03	0.00E+00	8.83E-03	0.00E+00	0.00E+00	3.12E-03	0.00E+00	0.00E+00	8.83E-03
347 ALL	748834.2	4352221	NonCancerAcute	7.50E-05	7.73E-03	3.39E-03	0.00E+00	1.39E-06	3.27E-03	8.57E-03	0.00E+00	8.71E-03	0.00E+00	0.00E+00	3.07E-03	0.00E+00	0.00E+00	8.71E-03
294 ALL	747534.2	4352021	NonCancerAcute	7.47E-05	7.71E-03	3.38E-03	0.00E+00	1.39E-06	3.26E-03	8.54E-03	0.00E+00	8.68E-03	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	8.68E-03
610 ALL	748381.6	4351190	NonCancerAcute	7.43E-05	7.66E-03	3.36E-03	0.00E+00	1.38E-06	3.24E-03	8.49E-03	0.00E+00	8.63E-03	0.00E+00	0.00E+00	3.05E-03	0.00E+00	0.00E+00	8.63E-03
398 ALL	748734.2	4352521	NonCancerAcute	7.31E-05	7.54E-03	3.31E-03	0.00E+00	1.36E-06	3.19E-03	8.36E-03	0.00E+00	8.49E-03	0.00E+00	0.00E+00	3.00E-03	0.00E+00	0.00E+00	8.49E-03
363 ALL	748234.2	4352321	NonCancerAcute	7.24E-05	7.46E-03	3.27E-03	0.00E+00	1.34E-06	3.15E-03	8.27E-03	0.00E+00	8.41E-03	0.00E+00	0.00E+00	2.97E-03	0.00E+00	0.00E+00	8.41E-03
366 ALL	748734.2	4352321	NonCancerAcute	7.20E-05	7.43E-03	3.26E-03	0.00E+00	1.34E-06	3.14E-03	8.23E-03	0.00E+00	8.37E-03	0.00E+00	0.00E+00	2.95E-03	0.00E+00	0.00E+00	8.37E-03
619 ALL	748216.8	4351289	NonCancerAcute	7.08E-05	7.30E-03	3.20E-03	0.00E+00	1.31E-06	3.08E-03	8.09E-03	0.00E+00	8.22E-03	0.00E+00	0.00E+00	2.90E-03	0.00E+00	0.00E+00	8.22E-03
263 ALL	748034.2	4351821	NonCancerAcute	6.89E-05	7.11E-03	3.12E-03	0.00E+00	1.28E-06	3.00E-03	7.88E-03	0.00E+00	8.01E-03	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	8.01E-03
609 ALL	748336.4	4351195	NonCancerAcute	6.74E-05	6.95E-03	3.05E-03	0.00E+00	1.25E-06	2.93E-03	7.70E-03	0.00E+00	7.82E-03	0.00E+00	0.00E+00	2.76E-03	0.00E+00	0.00E+00	7.82E-03
329 ALL	749534.2	4352121	NonCancerAcute	6.73E-05	6.94E-03	3.04E-03	0.00E+00	1.25E-06	2.93E-03	7.69E-03	0.00E+00	7.82E-03	0.00E+00	0.00E+00	2.76E-03	0.00E+00	0.00E+00	7.82E-03
240 ALL	747334.2	4351721	NonCancerAcute	6.63E-05	6.83E-03	3.00E-03	0.00E+00	1.23E-06	2.89E-03	7.57E-03	0.00E+00	7.70E-03	0.00E+00	0.00E+00	2.72E-03	0.00E+00	0.00E+00	7.70E-03
323 ALL	748934.2	4352121	NonCancerAcute	6.58E-05	6.78E-03	2.97E-03	0.00E+00	1.22E-06	2.87E-03	7.52E-03	0.00E+00	7.64E-03	0.00E+00	0.00E+00	2.70E-03	0.00E+00	0.00E+00	7.64E-03
360 ALL	747934.2	4352321	NonCancerAcute	6.26E-05	6.45E-03	2.83E-03	0.00E+00	1.16E-06	2.73E-03	7.15E-03	0.00E+00	7.27E-03	0.00E+00	0.00E+00	2.57E-03	0.00E+00	0.00E+00	7.27E-03
232 ALL	748034.2	4351621	NonCancerAcute	6.08E-05	6.27E-03	2.75E-03	0.00E+00	1.13E-06	2.65E-03	6.95E-03	0.00E+00	7.06E-03	0.00E+00	0.00E+00	2.49E-03	0.00E+00	0.00E+00	7.06E-03
367 ALL	748834.2	4352321	NonCancerAcute	5.98E-05	6.17E-03	2.70E-03	0.00E+00	1.11E-06	2.61E-03	6.83E-03	0.00E+00	6.94E-03	0.00E+00	0.00E+00	2.45E-03	0.00E+00	0.00E+00	6.94E-03
166 ALL	748434.2	4351121	NonCancerAcute	5.92E-05	6.10E-03	2.68E-03	0.00E+00	1.10E-06	2.58E-03	6.76E-03	0.00E+00	6.88E-03	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	6.88E-03
424 ALL	748234.2	4352721	NonCancerAcute	5.87E-05	6.05E-03	2.65E-03	0.00E+00	1.09E-06	2.56E-03	6.71E-03	0.00E+00	6.82E-03	0.00E+00	0.00E+00	2.41E-03	0.00E+00	0.00E+00	6.82E-03
600 ALL	748108.9	4351573	NonCancerAcute	5.80E-05	5.98E-03	2.62E-03	0.00E+00	1.08E-06	2.53E-03	6.63E-03	0.00E+00	6.74E-03	0.00E+00	0.00E+00	2.38E-03	0.00E+00	0.00E+00	6.74E-03
425 ALL	748334.2	4352721	NonCancerAcute	5.78E-05	5.96E-03	2.61E-03	0.00E+00	1.07E-06	2.52E-03	6.60E-03	0.00E+00	6.71E-03	0.00E+00	0.00E+00	2.37E-03	0.00E+00	0.00E+00	6.71E-03
330 ALL	749634.2	4352121	NonCancerAcute	5.72E-05	5.90E-03	2.59E-03	0.00E+00	1.06E-06	2.49E-03	6.54E-03	0.00E+00	6.65E-03	0.00E+00	0.00E+00	2.35E-03	0.00E+00	0.00E+00	6.65E-03
247 ALL	748034.2	4351721	NonCancerAcute	5.67E-05	5.84E-03	2.56E-03	0.00E+00	1.05E-06	2.47E-03	6.47E-03	0.00E+00	6.58E-03	0.00E+00	0.00E+00	2.32E-03	0.00E+00	0.00E+00	6.58E-03
348 ALL	748934.2	4352221	NonCancerAcute	5.64E-05	5.81E-03	2.55E-03	0.00E+00	1.05E-06	2.46E-03	6.44E-03	0.00E+00	6.55E-03	0.00E+00	0.00E+00	2.31E-03	0.00E+00	0.00E+00	6.55E-03
282 ALL	749034.2	4351921	NonCancerAcute	5.46E-05	5.64E-03	2.47E-03	0.00E+00	1.02E-06	2.38E-03	6.24E-03	0.00E+00	6.35E-03	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	6.35E-03
283 ALL	749134.2	4351921	NonCancerAcute	5.40E-05	5.57E-03	2.44E-03	0.00E+00	1.00E-06	2.35E-03	6.17E-03	0.00E+00	6.28E-03	0.00E+00	0.00E+00	2.22E-03	0.00E+00	0.00E+00	6.28E-03
381 ALL	748734.2	4352421	NonCancerAcute	5.39E-05	5.56E-03	2.44E-03	0.00E+00	1.00E-06	2.35E-03	6.16E-03	0.00E+00	6.26E-03	0.00E+00	0.00E+00	2.21E-03	0.00E+00	0.00E+00	6.26E-03
216 ALL	748103	4351532	NonCancerAcute	5.28E-05	5.44E-03	2.39E-03	0.00E+00	9.80E-07	2.30E-03	6.03E-03	0.00E+00	6.13E-03	0.00E+00	0.00E+00	2.16E-03	0.00E+00	0.00E+00	6.13E-03
314 ALL	747534.2	4352121	NonCancerAcute	5.26E-05	5.42E-03	2.38E-03	0.00E+00	9.76E-07	2.29E-03	6.01E-03	0.00E+00	6.11E-03	0.00E+00	0.00E+00	2.16E-03	0.00E+00	0.00E+00	6.11E-03
438 ALL	748334.2	4352821	NonCancerAcute	5.25E-05	5.42E-03	2.38E-03	0.00E+00	9.76E-07	2.29E-03	6.00E-03	0.00E+00	6.10E-03	0.00E+00	0.00E+00	2.15E-03	0.00E+00	0.00E+00	6.10E-03
353 ALL	749434.2	4352221	NonCancerAcute	5.21E-05	5.37E-03	2.35E-03	0.00E+00	9.67E-07	2.27E-03	5.95E-03	0.00E+00	6.05E-03	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	6.05E-03
451 ALL	748334.2	4352921	NonCancerAcute	5.13E-05	5.29E-03	2.32E-03	0.00E+00	9.53E-07	2.24E-03	5.87E-03	0.00E+00	5.96E-03	0.00E+00	0.00E+00	2.11E-03	0.00E+00	0.00E+00	5.96E-03
324 ALL	749034.2	4352121	NonCancerAcute	5.10E-05	5.26E-03	2.31E-03	0.00E+00	9.47E-07	2.22E-03	5.82E-03	0.00E+00	5.92E-03	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	5.92E-03
302 ALL	749034.2	4352021	NonCancerAcute	5.09E-05	5.25E-03	2.30E-03	0.00E+00	9.46E-07	2.22E-03	5.82E-03	0.00E+00	5.91E-03	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	5.91E-03
380 ALL	747934.2	4352421	NonCancerAcute	5.01E-05	5.16E-03	2.26E-03	0.00E+00	9.30E-07	2.18E-03	5.72E-03	0.00E+00	5.81E-03	0.00E+00	0.00E+00	2.05E-03	0.00E+00	0.00E+00	5.81E-03
423 ALL	748134.2	4352721	NonCancerAcute	4.99E-05	5.15E-03	2.26E-03	0.00E+00	9.27E-07	2.17E-03	5.70E-03	0.00E+00	5.80E-03	0.00E+00	0.00E+00	2.05E-03	0.00E+00	0.00E+00	5.80E-03
437 ALL	748234.2	4352821	NonCancerAcute	4.94E-05	5.10E-03	2.24E-03	0.00E+00	9.18E-07	2.15E-03	5.65E-03	0.00E+00	5.74E-03	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	5.74E-03
303 ALL	749134.2	4352021	NonCancerAcute	4.94E-05	5.09E-03	2.23E-03	0.00E+00	9.17E-07	2.15E-03	5.64E-03	0.00E+00	5.74E-03	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	5.74E-03
217 ALL	748083	4351484	NonCancerAcute	4.93E-05	5.08E-03	2.23E-03	0.00E+00	9.15E-07	2.15E-03	5.63E-03	0.00E+00	5.72E-03						

414 ALL	748734.2	4352621	NonCancerAcute	4.78E-05	4.93E-03	2.16E-03	0.00E+00	8.88E-07	2.08E-03	5.46E-03	0.00E+00	5.55E-03	0.00E+00	0.00E+00	1.96E-03	0.00E+00	0.00E+00	5.55E-03
382 ALL	748834.2	4352421	NonCancerAcute	4.76E-05	4.91E-03	2.15E-03	0.00E+00	8.84E-07	2.07E-03	5.44E-03	0.00E+00	5.53E-03	0.00E+00	0.00E+00	1.95E-03	0.00E+00	0.00E+00	5.53E-03
368 ALL	748934.2	4352321	NonCancerAcute	4.64E-05	4.79E-03	2.10E-03	0.00E+00	8.62E-07	2.02E-03	5.30E-03	0.00E+00	5.39E-03	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	5.39E-03
336 ALL	747534.2	4352221	NonCancerAcute	4.53E-05	4.67E-03	2.05E-03	0.00E+00	8.41E-07	1.97E-03	5.17E-03	0.00E+00	5.26E-03	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	5.26E-03
391 ALL	747634.2	4352521	NonCancerAcute	4.52E-05	4.66E-03	2.05E-03	0.00E+00	8.40E-07	1.97E-03	5.17E-03	0.00E+00	5.25E-03	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	5.25E-03
349 ALL	749034.2	4352221	NonCancerAcute	4.51E-05	4.65E-03	2.04E-03	0.00E+00	8.38E-07	1.97E-03	5.16E-03	0.00E+00	5.24E-03	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	5.24E-03
435 ALL	748034.2	4352821	NonCancerAcute	4.51E-05	4.65E-03	2.04E-03	0.00E+00	8.37E-07	1.96E-03	5.15E-03	0.00E+00	5.23E-03	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	5.23E-03
452 ALL	748434.2	4352921	NonCancerAcute	4.46E-05	4.60E-03	2.02E-03	0.00E+00	8.28E-07	1.94E-03	5.09E-03	0.00E+00	5.18E-03	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	5.18E-03
379 ALL	747834.2	4352421	NonCancerAcute	4.44E-05	4.58E-03	2.01E-03	0.00E+00	8.25E-07	1.94E-03	5.08E-03	0.00E+00	5.16E-03	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	5.16E-03
421 ALL	747934.2	4352721	NonCancerAcute	4.40E-05	4.54E-03	1.99E-03	0.00E+00	8.17E-07	1.92E-03	5.03E-03	0.00E+00	5.11E-03	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	5.11E-03
394 ALL	747934.2	4352521	NonCancerAcute	4.40E-05	4.53E-03	1.99E-03	0.00E+00	8.17E-07	1.92E-03	5.02E-03	0.00E+00	5.11E-03	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	5.11E-03
284 ALL	749234.2	4351921	NonCancerAcute	4.39E-05	4.53E-03	1.99E-03	0.00E+00	8.15E-07	1.91E-03	5.02E-03	0.00E+00	5.10E-03	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	5.10E-03
374 ALL	749534.2	4352321	NonCancerAcute	4.35E-05	4.48E-03	1.97E-03	0.00E+00	8.08E-07	1.89E-03	4.97E-03	0.00E+00	5.05E-03	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	5.05E-03
277 ALL	747934.2	4351921	NonCancerAcute	4.32E-05	4.45E-03	1.95E-03	0.00E+00	8.02E-07	1.88E-03	4.93E-03	0.00E+00	5.01E-03	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	5.01E-03
288 ALL	749634.2	4351921	NonCancerAcute	4.30E-05	4.43E-03	1.94E-03	0.00E+00	7.98E-07	1.87E-03	4.91E-03	0.00E+00	4.99E-03	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	4.99E-03
327 ALL	749334.2	4352121	NonCancerAcute	4.28E-05	4.42E-03	1.94E-03	0.00E+00	7.96E-07	1.87E-03	4.90E-03	0.00E+00	4.98E-03	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	4.98E-03
399 ALL	748834.2	4352521	NonCancerAcute	4.23E-05	4.36E-03	1.91E-03	0.00E+00	7.86E-07	1.84E-03	4.84E-03	0.00E+00	4.91E-03	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	4.91E-03
383 ALL	748934.2	4352421	NonCancerAcute	4.20E-05	4.34E-03	1.90E-03	0.00E+00	7.81E-07	1.83E-03	4.80E-03	0.00E+00	4.88E-03	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	4.88E-03
436 ALL	748134.2	4352821	NonCancerAcute	4.18E-05	4.31E-03	1.89E-03	0.00E+00	7.76E-07	1.82E-03	4.77E-03	0.00E+00	4.85E-03	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	4.85E-03
352 ALL	749334.2	4352221	NonCancerAcute	4.16E-05	4.29E-03	1.88E-03	0.00E+00	7.72E-07	1.81E-03	4.75E-03	0.00E+00	4.83E-03	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	4.83E-03
422 ALL	748034.2	4352721	NonCancerAcute	4.10E-05	4.23E-03	1.86E-03	0.00E+00	7.62E-07	1.79E-03	4.69E-03	0.00E+00	4.77E-03	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	4.77E-03
350 ALL	749134.2	4352221	NonCancerAcute	4.10E-05	4.22E-03	1.85E-03	0.00E+00	7.61E-07	1.78E-03	4.68E-03	0.00E+00	4.76E-03	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	4.76E-03
373 ALL	749434.2	4352321	NonCancerAcute	4.08E-05	4.21E-03	1.85E-03	0.00E+00	7.59E-07	1.78E-03	4.67E-03	0.00E+00	4.74E-03	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	4.74E-03
272 ALL	747434.2	4351921	NonCancerAcute	4.07E-05	4.19E-03	1.84E-03	0.00E+00	7.55E-07	1.77E-03	4.65E-03	0.00E+00	4.72E-03	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	4.72E-03
256 ALL	747334.2	4351821	NonCancerAcute	4.07E-05	4.19E-03	1.84E-03	0.00E+00	7.55E-07	1.77E-03	4.65E-03	0.00E+00	4.72E-03	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	4.72E-03
178 ALL	748234.2	4351221	NonCancerAcute	4.03E-05	4.15E-03	1.82E-03	0.00E+00	7.48E-07	1.75E-03	4.60E-03	0.00E+00	4.68E-03	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	4.68E-03
224 ALL	746634.2	4351621	NonCancerAcute	3.98E-05	4.11E-03	1.80E-03	0.00E+00	7.40E-07	1.73E-03	4.55E-03	0.00E+00	4.62E-03	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	4.62E-03
369 ALL	749034.2	4352321	NonCancerAcute	3.94E-05	4.07E-03	1.78E-03	0.00E+00	7.32E-07	1.72E-03	4.51E-03	0.00E+00	4.58E-03	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	4.58E-03
426 ALL	748643.1	4352725	NonCancerAcute	3.90E-05	4.02E-03	1.77E-03	0.00E+00	7.25E-07	1.70E-03	4.46E-03	0.00E+00	4.53E-03	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	4.53E-03
428 ALL	748834.2	4352721	NonCancerAcute	3.88E-05	4.01E-03	1.76E-03	0.00E+00	7.22E-07	1.69E-03	4.44E-03	0.00E+00	4.51E-03	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	4.51E-03
440 ALL	748734.2	4352821	NonCancerAcute	3.87E-05	3.99E-03	1.75E-03	0.00E+00	7.20E-07	1.69E-03	4.43E-03	0.00E+00	4.50E-03	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	4.50E-03
355 ALL	749634.2	4352221	NonCancerAcute	3.87E-05	3.99E-03	1.75E-03	0.00E+00	7.19E-07	1.69E-03	4.42E-03	0.00E+00	4.50E-03	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	4.50E-03
325 ALL	749134.2	4352121	NonCancerAcute	3.87E-05	3.99E-03	1.75E-03	0.00E+00	7.19E-07	1.69E-03	4.42E-03	0.00E+00	4.49E-03	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	4.49E-03
393 ALL	747834.2	4352521	NonCancerAcute	3.85E-05	3.97E-03	1.74E-03	0.00E+00	7.16E-07	1.68E-03	4.40E-03	0.00E+00	4.48E-03	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	4.48E-03
450 ALL	748234.2	4352921	NonCancerAcute	3.85E-05	3.97E-03	1.74E-03	0.00E+00	7.15E-07	1.68E-03	4.40E-03	0.00E+00	4.47E-03	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	4.47E-03
410 ALL	747834.2	4352621	NonCancerAcute	3.85E-05	3.97E-03	1.74E-03	0.00E+00	7.15E-07	1.68E-03	4.40E-03	0.00E+00	4.47E-03	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	4.47E-03
372 ALL	749334.2	4352321	NonCancerAcute	3.80E-05	3.92E-03	1.72E-03	0.00E+00	7.06E-07	1.66E-03	4.34E-03	0.00E+00	4.41E-03	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	4.41E-03
427 ALL	748734.2	4352721	NonCancerAcute	3.79E-05	3.91E-03	1.71E-03	0.00E+00	7.04E-07	1.65E-03	4.33E-03	0.00E+00	4.40E-03	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	4.40E-03
215 ALL	748034.2	4351521	NonCancerAcute	3.77E-05	3.89E-03	1.71E-03	0.00E+00	7.00E-07	1.64E-03	4.31E-03	0.00E+00	4.38E-03	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	4.38E-03
395 ALL	748134.2	4352521	NonCancerAcute	3.71E-05	3.83E-03	1.68E-03	0.00E+00	6.89E-07	1.62E-03	4.24E-03	0.00E+00	4.31E-03	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	4.31E-03
466 ALL	748334.2	4353021	NonCancerAcute	3.71E-05	3.82E-03	1.68E-03	0.00E+00	6.89E-07	1.62E-03	4.24E-03	0.00E+00	4.31E-03	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	4.31E-03
449 ALL	748134.2	4352921	NonCancerAcute	3.69E-05	3.81E-03	1.67E-03	0.00E+00	6.86E-07	1.61E-03	4.22E-03	0.00E+00	4.29E-03	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	4.29E-03
206 ALL	746534.2	4351521	NonCancerAcute	3.66E-05	3.77E-03	1.66E-03	0.00E+00	6.80E-07	1.59E-03	4.18E-03	0.00E+00	4.25E-03	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	4.25E-03
415 ALL	748834.2	4352621	NonCancerAcute	3.66E-05	3.77E-03	1.66E-03	0.00E+00	6.80E-07	1.59E-03	4.18E-03	0.00E+00	4.25E-03	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	4.25E-03
389 ALL	749534.2	4352421	NonCancerAcute	3.65E-05	3.77E-03	1.65E-03	0.00E+00	6.78E-07	1.59E-03	4.17E-03	0.00E+00	4.24E-03	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	4.24E-03
406 ALL	749534.2	4352521	NonCancerAcute	3.65E-05	3.76E-03	1.65E-03	0.00E+00	6.78E-07	1.59E-03	4.17E-03	0.00E+00	4.24E-03	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	4.24E-03
388 ALL	749434.2	4352421	NonCancerAcute	3.65E-05	3.76E-03	1.65E-03	0.00E+00	6.77E-07	1.59E-03	4.17E-03	0.00E+00	4.24E-03	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	4.24E-03
205 ALL	746434.2	4351521	NonCancerAcute	3.63E-05	3.74E-03	1.64E-03	0.00E+00	6.74E-07	1.58E-03	4.14E-03	0.00E+00	4.21E-03	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	4.21E-03
400 ALL	748934.2	4352521	NonCancerAcute	3.63E-05	3.74E-03	1.64E-03	0.00E+00	6.73E-07	1.58E-03	4.14E-03	0.00E+00	4.21E-03	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	4.21E-03
351 ALL	749234.2	4352221	NonCancerAcute	3.61E-05	3.72E-03	1.63E-03	0.00E+00	6.70E-07	1.57E-03	4.12E-03	0.00E+00	4.19E-03	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	4.19E-03
384 ALL	749034.2	4352421	NonCancerAcute	3.58E-05	3.70E-03	1.62E-03	0.00E+00	6.66E-07	1.56E-03	4.10E-03	0.00E+00	4.16E-03	0.00E+00	0.00E+00	1.47E-03	0.00		

370		749134.2	4352321	NonCancerAcute	3.56E-05	3.67E-03	1.61E-03	0.00E+00	6.61E-07	1.55E-03	4.07E-03	0.00E+00	4.14E-03	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	4.14E-03
453	ALL	748534.2	4352921	NonCancerAcute	3.54E-05	3.65E-03	1.60E-03	0.00E+00	6.57E-07	1.54E-03	4.04E-03	0.00E+00	4.11E-03	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	4.11E-03
467	ALL	748434.2	4353021	NonCancerAcute	3.53E-05	3.64E-03	1.60E-03	0.00E+00	6.56E-07	1.54E-03	4.04E-03	0.00E+00	4.10E-03	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	4.10E-03
271	ALL	747334.2	4351921	NonCancerAcute	3.52E-05	3.63E-03	1.59E-03	0.00E+00	6.55E-07	1.54E-03	4.03E-03	0.00E+00	4.09E-03	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	4.09E-03
377	ALL	747634.2	4352421	NonCancerAcute	3.52E-05	3.63E-03	1.59E-03	0.00E+00	6.54E-07	1.54E-03	4.03E-03	0.00E+00	4.09E-03	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	4.09E-03
335	ALL	747434.2	4352221	NonCancerAcute	3.52E-05	3.63E-03	1.59E-03	0.00E+00	6.54E-07	1.54E-03	4.03E-03	0.00E+00	4.09E-03	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	4.09E-03
317	ALL	747834.2	4352121	NonCancerAcute	3.51E-05	3.62E-03	1.59E-03	0.00E+00	6.52E-07	1.53E-03	4.01E-03	0.00E+00	4.08E-03	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	4.08E-03
468	ALL	748534.2	4353021	NonCancerAcute	3.50E-05	3.61E-03	1.59E-03	0.00E+00	6.51E-07	1.53E-03	4.00E-03	0.00E+00	4.07E-03	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	4.07E-03
326	ALL	749234.2	4352121	NonCancerAcute	3.50E-05	3.61E-03	1.58E-03	0.00E+00	6.50E-07	1.53E-03	4.00E-03	0.00E+00	4.07E-03	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	4.07E-03
480	ALL	748334.2	4353121	NonCancerAcute	3.49E-05	3.60E-03	1.58E-03	0.00E+00	6.48E-07	1.52E-03	3.99E-03	0.00E+00	4.05E-03	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	4.05E-03
401	ALL	749034.2	4352521	NonCancerAcute	3.49E-05	3.59E-03	1.58E-03	0.00E+00	6.47E-07	1.52E-03	3.98E-03	0.00E+00	4.05E-03	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	4.05E-03
455	ALL	748734.2	4352921	NonCancerAcute	3.47E-05	3.57E-03	1.57E-03	0.00E+00	6.44E-07	1.51E-03	3.96E-03	0.00E+00	4.02E-03	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	4.02E-03
471	ALL	748834.2	4353021	NonCancerAcute	3.43E-05	3.54E-03	1.55E-03	0.00E+00	6.37E-07	1.50E-03	3.92E-03	0.00E+00	3.99E-03	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	3.99E-03
262	ALL	747934.2	4351821	NonCancerAcute	3.43E-05	3.54E-03	1.55E-03	0.00E+00	6.37E-07	1.49E-03	3.92E-03	0.00E+00	3.98E-03	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	3.98E-03
442	ALL	748934.2	4352821	NonCancerAcute	3.42E-05	3.52E-03	1.54E-03	0.00E+00	6.34E-07	1.49E-03	3.90E-03	0.00E+00	3.97E-03	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	3.97E-03
454	ALL	748634.2	4352921	NonCancerAcute	3.41E-05	3.52E-03	1.54E-03	0.00E+00	6.34E-07	1.49E-03	3.90E-03	0.00E+00	3.96E-03	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	3.96E-03
392	ALL	747734.2	4352521	NonCancerAcute	3.41E-05	3.52E-03	1.54E-03	0.00E+00	6.33E-07	1.49E-03	3.90E-03	0.00E+00	3.96E-03	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	3.96E-03
482	ALL	748534.2	4353121	NonCancerAcute	3.41E-05	3.51E-03	1.54E-03	0.00E+00	6.33E-07	1.48E-03	3.89E-03	0.00E+00	3.96E-03	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	3.96E-03
405	ALL	749434.2	4352521	NonCancerAcute	3.40E-05	3.50E-03	1.54E-03	0.00E+00	6.31E-07	1.48E-03	3.88E-03	0.00E+00	3.95E-03	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	3.95E-03
390	ALL	749634.2	4352421	NonCancerAcute	3.40E-05	3.50E-03	1.54E-03	0.00E+00	6.31E-07	1.48E-03	3.88E-03	0.00E+00	3.95E-03	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	3.95E-03
441	ALL	748834.2	4352821	NonCancerAcute	3.39E-05	3.50E-03	1.53E-03	0.00E+00	6.30E-07	1.48E-03	3.87E-03	0.00E+00	3.94E-03	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	3.94E-03
306	ALL	749434.2	4352021	NonCancerAcute	3.39E-05	3.49E-03	1.53E-03	0.00E+00	6.29E-07	1.48E-03	3.87E-03	0.00E+00	3.93E-03	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	3.93E-03
375	ALL	749634.2	4352321	NonCancerAcute	3.38E-05	3.49E-03	1.53E-03	0.00E+00	6.28E-07	1.47E-03	3.86E-03	0.00E+00	3.93E-03	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	3.93E-03
371	ALL	749234.2	4352321	NonCancerAcute	3.37E-05	3.48E-03	1.52E-03	0.00E+00	6.26E-07	1.47E-03	3.85E-03	0.00E+00	3.92E-03	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	3.92E-03
313	ALL	747434.2	4352121	NonCancerAcute	3.36E-05	3.46E-03	1.52E-03	0.00E+00	6.24E-07	1.46E-03	3.84E-03	0.00E+00	3.90E-03	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	3.90E-03
485	ALL	748834.2	4353121	NonCancerAcute	3.34E-05	3.44E-03	1.51E-03	0.00E+00	6.20E-07	1.45E-03	3.81E-03	0.00E+00	3.87E-03	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	3.87E-03
469	ALL	748634.2	4353021	NonCancerAcute	3.32E-05	3.43E-03	1.50E-03	0.00E+00	6.18E-07	1.45E-03	3.80E-03	0.00E+00	3.86E-03	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	3.86E-03
481	ALL	748434.2	4353121	NonCancerAcute	3.32E-05	3.43E-03	1.50E-03	0.00E+00	6.17E-07	1.45E-03	3.80E-03	0.00E+00	3.86E-03	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	3.86E-03
407	ALL	749634.2	4352521	NonCancerAcute	3.32E-05	3.43E-03	1.50E-03	0.00E+00	6.17E-07	1.45E-03	3.80E-03	0.00E+00	3.86E-03	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	3.86E-03
457	ALL	748934.2	4352921	NonCancerAcute	3.32E-05	3.42E-03	1.50E-03	0.00E+00	6.16E-07	1.44E-03	3.79E-03	0.00E+00	3.85E-03	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	3.85E-03
293	ALL	747434.2	4352021	NonCancerAcute	3.27E-05	3.38E-03	1.48E-03	0.00E+00	6.08E-07	1.43E-03	3.74E-03	0.00E+00	3.80E-03	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	3.80E-03
165	ALL	748334.2	4351121	NonCancerAcute	3.27E-05	3.37E-03	1.48E-03	0.00E+00	6.08E-07	1.43E-03	3.74E-03	0.00E+00	3.80E-03	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	3.80E-03
494	ALL	748334.2	4353221	NonCancerAcute	3.27E-05	3.37E-03	1.48E-03	0.00E+00	6.07E-07	1.42E-03	3.73E-03	0.00E+00	3.79E-03	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	3.79E-03
496	ALL	748534.2	4353221	NonCancerAcute	3.26E-05	3.37E-03	1.48E-03	0.00E+00	6.06E-07	1.42E-03	3.73E-03	0.00E+00	3.79E-03	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	3.79E-03
478	ALL	748134.2	4353121	NonCancerAcute	3.26E-05	3.36E-03	1.48E-03	0.00E+00	6.06E-07	1.42E-03	3.73E-03	0.00E+00	3.79E-03	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	3.79E-03
465	ALL	748234.2	4353021	NonCancerAcute	3.26E-05	3.36E-03	1.48E-03	0.00E+00	6.06E-07	1.42E-03	3.73E-03	0.00E+00	3.79E-03	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	3.79E-03
434	ALL	747934.2	4352821	NonCancerAcute	3.25E-05	3.35E-03	1.47E-03	0.00E+00	6.04E-07	1.42E-03	3.71E-03	0.00E+00	3.77E-03	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	3.77E-03
464	ALL	748134.2	4353021	NonCancerAcute	3.25E-05	3.35E-03	1.47E-03	0.00E+00	6.03E-07	1.42E-03	3.71E-03	0.00E+00	3.77E-03	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	3.77E-03
456	ALL	748834.2	4352921	NonCancerAcute	3.24E-05	3.34E-03	1.46E-03	0.00E+00	6.01E-07	1.41E-03	3.70E-03	0.00E+00	3.76E-03	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	3.76E-03
385	ALL	749134.2	4352421	NonCancerAcute	3.22E-05	3.32E-03	1.46E-03	0.00E+00	5.98E-07	1.40E-03	3.68E-03	0.00E+00	3.74E-03	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	3.74E-03
470	ALL	748734.2	4353021	NonCancerAcute	3.19E-05	3.29E-03	1.44E-03	0.00E+00	5.93E-07	1.39E-03	3.65E-03	0.00E+00	3.71E-03	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	3.71E-03
448	ALL	748034.2	4352921	NonCancerAcute	3.19E-05	3.29E-03	1.44E-03	0.00E+00	5.92E-07	1.39E-03	3.64E-03	0.00E+00	3.70E-03	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	3.70E-03
417	ALL	749034.2	4352621	NonCancerAcute	3.17E-05	3.27E-03	1.44E-03	0.00E+00	5.89E-07	1.38E-03	3.63E-03	0.00E+00	3.69E-03	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	3.69E-03
402	ALL	749134.2	4352521	NonCancerAcute	3.16E-05	3.26E-03	1.43E-03	0.00E+00	5.88E-07	1.38E-03	3.62E-03	0.00E+00	3.67E-03	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	3.67E-03
483	ALL	748634.2	4353121	NonCancerAcute	3.16E-05	3.26E-03	1.43E-03	0.00E+00	5.86E-07	1.38E-03	3.61E-03	0.00E+00	3.67E-03	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	3.67E-03
386	ALL	749234.2	4352421	NonCancerAcute	3.14E-05	3.24E-03	1.42E-03	0.00E+00	5.83E-07	1.37E-03	3.59E-03	0.00E+00	3.64E-03	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	3.64E-03
472	ALL	748934.2	4353021	NonCancerAcute	3.13E-05	3.23E-03	1.42E-03	0.00E+00	5.82E-07	1.37E-03	3.58E-03	0.00E+00	3.64E-03	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	3.64E-03
492	ALL	748134.2	4353221	NonCancerAcute	3.13E-05	3.22E-03	1.41E-03	0.00E+00	5.81E-07	1.36E-03	3.57E-03	0.00E+00	3.63E-03	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	3.63E-03
409	ALL	747734.2	4352621	NonCancerAcute	3.12E-05	3.22E-03	1.41E-03	0.00E+00	5.80E-07	1.36E-03	3.57E-03	0.00E+00	3.63E-03	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	3.63E-03
429	ALL	748934.2	4352721	NonCancerAcute	3.12E-05	3.22E-03	1.41E-03	0.00E+00	5.80E-07	1.36E-03	3.57E-03	0.00E+00	3.62E-03	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	

430		749034.2	4352721	NonCancerAcute	3.07E-05	3.16E-03	1.39E-03	0.00E+00	5.70E-07	1.34E-03	3.51E-03	0.00E+00	3.56E-03	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	3.56E-03
433	ALL	747834.2	4352821	NonCancerAcute	3.06E-05	3.16E-03	1.39E-03	0.00E+00	5.69E-07	1.33E-03	3.50E-03	0.00E+00	3.56E-03	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	3.56E-03
508	ALL	748334.2	4353321	NonCancerAcute	3.05E-05	3.14E-03	1.38E-03	0.00E+00	5.66E-07	1.33E-03	3.48E-03	0.00E+00	3.54E-03	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	3.54E-03
479	ALL	748234.2	4353121	NonCancerAcute	3.04E-05	3.13E-03	1.37E-03	0.00E+00	5.64E-07	1.32E-03	3.47E-03	0.00E+00	3.53E-03	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	3.53E-03
446	ALL	747834.2	4352921	NonCancerAcute	3.04E-05	3.13E-03	1.37E-03	0.00E+00	5.64E-07	1.32E-03	3.47E-03	0.00E+00	3.53E-03	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	3.53E-03
387	ALL	749334.2	4352421	NonCancerAcute	3.03E-05	3.12E-03	1.37E-03	0.00E+00	5.63E-07	1.32E-03	3.46E-03	0.00E+00	3.52E-03	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	3.52E-03
511	ALL	748634.2	4353321	NonCancerAcute	3.01E-05	3.11E-03	1.36E-03	0.00E+00	5.60E-07	1.31E-03	3.44E-03	0.00E+00	3.50E-03	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	3.50E-03
223	ALL	746534.2	4351621	NonCancerAcute	2.97E-05	3.07E-03	1.35E-03	0.00E+00	5.52E-07	1.30E-03	3.40E-03	0.00E+00	3.45E-03	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	3.45E-03
484	ALL	748734.2	4353121	NonCancerAcute	2.97E-05	3.06E-03	1.34E-03	0.00E+00	5.52E-07	1.29E-03	3.40E-03	0.00E+00	3.45E-03	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	3.45E-03
499	ALL	748834.2	4353221	NonCancerAcute	2.97E-05	3.06E-03	1.34E-03	0.00E+00	5.52E-07	1.29E-03	3.39E-03	0.00E+00	3.45E-03	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	3.45E-03
463	ALL	748034.2	4353021	NonCancerAcute	2.97E-05	3.06E-03	1.34E-03	0.00E+00	5.51E-07	1.29E-03	3.39E-03	0.00E+00	3.44E-03	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	3.44E-03
514	ALL	748934.2	4353321	NonCancerAcute	2.97E-05	3.06E-03	1.34E-03	0.00E+00	5.51E-07	1.29E-03	3.39E-03	0.00E+00	3.44E-03	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	3.44E-03
509	ALL	748434.2	4353321	NonCancerAcute	2.96E-05	3.05E-03	1.34E-03	0.00E+00	5.50E-07	1.29E-03	3.38E-03	0.00E+00	3.44E-03	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	3.44E-03
403	ALL	749234.2	4352521	NonCancerAcute	2.95E-05	3.05E-03	1.34E-03	0.00E+00	5.49E-07	1.29E-03	3.38E-03	0.00E+00	3.43E-03	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	3.43E-03
506	ALL	748134.2	4353321	NonCancerAcute	2.94E-05	3.03E-03	1.33E-03	0.00E+00	5.45E-07	1.28E-03	3.36E-03	0.00E+00	3.41E-03	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	3.41E-03
493	ALL	748234.2	4353221	NonCancerAcute	2.93E-05	3.02E-03	1.32E-03	0.00E+00	5.44E-07	1.28E-03	3.35E-03	0.00E+00	3.40E-03	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	3.40E-03
519	ALL	748534.2	4353421	NonCancerAcute	2.92E-05	3.02E-03	1.32E-03	0.00E+00	5.43E-07	1.27E-03	3.34E-03	0.00E+00	3.40E-03	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	3.40E-03
477	ALL	748034.2	4353121	NonCancerAcute	2.92E-05	3.01E-03	1.32E-03	0.00E+00	5.43E-07	1.27E-03	3.34E-03	0.00E+00	3.39E-03	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	3.39E-03
443	ALL	749034.2	4352821	NonCancerAcute	2.92E-05	3.01E-03	1.32E-03	0.00E+00	5.42E-07	1.27E-03	3.33E-03	0.00E+00	3.39E-03	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	3.39E-03
156	ALL	748634.2	4351021	NonCancerAcute	2.91E-05	3.00E-03	1.31E-03	0.00E+00	5.40E-07	1.27E-03	3.32E-03	0.00E+00	3.37E-03	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	3.37E-03
500	ALL	748934.2	4353221	NonCancerAcute	2.90E-05	2.99E-03	1.31E-03	0.00E+00	5.38E-07	1.26E-03	3.31E-03	0.00E+00	3.36E-03	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	3.36E-03
486	ALL	748934.2	4353121	NonCancerAcute	2.89E-05	2.98E-03	1.31E-03	0.00E+00	5.37E-07	1.26E-03	3.31E-03	0.00E+00	3.36E-03	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	3.36E-03
498	ALL	748734.2	4353221	NonCancerAcute	2.89E-05	2.98E-03	1.31E-03	0.00E+00	5.37E-07	1.26E-03	3.30E-03	0.00E+00	3.36E-03	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	3.36E-03
207	ALL	746634.2	4351521	NonCancerAcute	2.89E-05	2.98E-03	1.31E-03	0.00E+00	5.37E-07	1.26E-03	3.30E-03	0.00E+00	3.36E-03	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	3.36E-03
476	ALL	747934.2	4353121	NonCancerAcute	2.88E-05	2.97E-03	1.30E-03	0.00E+00	5.36E-07	1.26E-03	3.30E-03	0.00E+00	3.35E-03	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	3.35E-03
601	ALL	748036.2	4351388	NonCancerAcute	2.88E-05	2.97E-03	1.30E-03	0.00E+00	5.34E-07	1.25E-03	3.29E-03	0.00E+00	3.34E-03	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	3.34E-03
520	ALL	748634.2	4353421	NonCancerAcute	2.87E-05	2.96E-03	1.30E-03	0.00E+00	5.33E-07	1.25E-03	3.28E-03	0.00E+00	3.33E-03	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	3.33E-03
512	ALL	748734.2	4353321	NonCancerAcute	2.87E-05	2.96E-03	1.30E-03	0.00E+00	5.32E-07	1.25E-03	3.27E-03	0.00E+00	3.33E-03	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	3.33E-03
462	ALL	747934.2	4353021	NonCancerAcute	2.86E-05	2.95E-03	1.29E-03	0.00E+00	5.31E-07	1.25E-03	3.27E-03	0.00E+00	3.32E-03	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	3.32E-03
518	ALL	748434.2	4353421	NonCancerAcute	2.85E-05	2.94E-03	1.29E-03	0.00E+00	5.30E-07	1.24E-03	3.26E-03	0.00E+00	3.31E-03	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	3.31E-03
408	ALL	747634.2	4352621	NonCancerAcute	2.85E-05	2.94E-03	1.29E-03	0.00E+00	5.30E-07	1.24E-03	3.26E-03	0.00E+00	3.31E-03	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	3.31E-03
517	ALL	748334.2	4353421	NonCancerAcute	2.84E-05	2.93E-03	1.28E-03	0.00E+00	5.28E-07	1.24E-03	3.25E-03	0.00E+00	3.30E-03	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	3.30E-03
521	ALL	748734.2	4353421	NonCancerAcute	2.83E-05	2.92E-03	1.28E-03	0.00E+00	5.25E-07	1.23E-03	3.23E-03	0.00E+00	3.28E-03	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	3.28E-03
404	ALL	749334.2	4352521	NonCancerAcute	2.82E-05	2.91E-03	1.28E-03	0.00E+00	5.25E-07	1.23E-03	3.23E-03	0.00E+00	3.28E-03	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	3.28E-03
447	ALL	747934.2	4352921	NonCancerAcute	2.82E-05	2.91E-03	1.27E-03	0.00E+00	5.23E-07	1.23E-03	3.22E-03	0.00E+00	3.27E-03	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	3.27E-03
507	ALL	748234.2	4353321	NonCancerAcute	2.82E-05	2.90E-03	1.27E-03	0.00E+00	5.23E-07	1.23E-03	3.22E-03	0.00E+00	3.27E-03	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	3.27E-03
458	ALL	749034.2	4352921	NonCancerAcute	2.81E-05	2.90E-03	1.27E-03	0.00E+00	5.23E-07	1.23E-03	3.22E-03	0.00E+00	3.27E-03	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	3.27E-03
523	ALL	748934.2	4353421	NonCancerAcute	2.81E-05	2.90E-03	1.27E-03	0.00E+00	5.22E-07	1.22E-03	3.21E-03	0.00E+00	3.26E-03	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	3.26E-03
460	ALL	747734.2	4353021	NonCancerAcute	2.81E-05	2.89E-03	1.27E-03	0.00E+00	5.21E-07	1.22E-03	3.21E-03	0.00E+00	3.26E-03	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	3.26E-03
419	ALL	747734.2	4352721	NonCancerAcute	2.80E-05	2.89E-03	1.27E-03	0.00E+00	5.20E-07	1.22E-03	3.20E-03	0.00E+00	3.25E-03	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	3.25E-03
231	ALL	747934.2	4351621	NonCancerAcute	2.80E-05	2.89E-03	1.27E-03	0.00E+00	5.20E-07	1.22E-03	3.20E-03	0.00E+00	3.25E-03	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	3.25E-03
516	ALL	748234.2	4353421	NonCancerAcute	2.79E-05	2.87E-03	1.26E-03	0.00E+00	5.17E-07	1.21E-03	3.18E-03	0.00E+00	3.24E-03	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	3.24E-03
527	ALL	748434.2	4353521	NonCancerAcute	2.77E-05	2.86E-03	1.25E-03	0.00E+00	5.15E-07	1.21E-03	3.17E-03	0.00E+00	3.22E-03	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	3.22E-03
376	ALL	747534.2	4352421	NonCancerAcute	2.77E-05	2.86E-03	1.25E-03	0.00E+00	5.14E-07	1.21E-03	3.16E-03	0.00E+00	3.22E-03	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	3.22E-03
515	ALL	748134.2	4353421	NonCancerAcute	2.76E-05	2.85E-03	1.25E-03	0.00E+00	5.13E-07	1.20E-03	3.16E-03	0.00E+00	3.21E-03	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	3.21E-03
246	ALL	747934.2	4351721	NonCancerAcute	2.76E-05	2.84E-03	1.25E-03	0.00E+00	5.12E-07	1.20E-03	3.15E-03	0.00E+00	3.20E-03	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	3.20E-03
505	ALL	748034.2	4353321	NonCancerAcute	2.75E-05	2.84E-03	1.24E-03	0.00E+00	5.11E-07	1.20E-03	3.14E-03	0.00E+00	3.19E-03	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	3.19E-03
528	ALL	748534.2	4353521	NonCancerAcute	2.75E-05	2.84E-03	1.24E-03	0.00E+00	5.11E-07	1.20E-03	3.14E-03	0.00E+00	3.19E-03	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	3.19E-03
513	ALL	748834.2	4353321	NonCancerAcute	2.75E-05	2.83E-03	1.24E-03	0.00E+00	5.10E-07	1.20E-03	3.14E-03	0.00E+00	3.19E-03	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	3.19E-03
474	ALL	747734.2	4353121	NonCancerAcute	2.75E-05	2.83E-03	1.24E-03	0.00E+00	5.10E-07	1.20E-03	3.14E-03	0.00E+00	3.19E-03	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	

525	ALL	748234.2	4353521	NonCancerAcute	2.72E-05	2.80E-03	1.23E-03	0.00E+00	5.05E-07	1.18E-03	3.10E-03	0.00E+00	3.16E-03	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	3.16E-03
334	ALL	747334.2	4352221	NonCancerAcute	2.72E-05	2.80E-03	1.23E-03	0.00E+00	5.05E-07	1.18E-03	3.10E-03	0.00E+00	3.15E-03	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	3.15E-03
312	ALL	747334.2	4352121	NonCancerAcute	2.71E-05	2.80E-03	1.23E-03	0.00E+00	5.04E-07	1.18E-03	3.10E-03	0.00E+00	3.15E-03	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	3.15E-03
504	ALL	747934.2	4353321	NonCancerAcute	2.70E-05	2.79E-03	1.22E-03	0.00E+00	5.02E-07	1.18E-03	3.09E-03	0.00E+00	3.14E-03	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	3.14E-03
292	ALL	747334.2	4352021	NonCancerAcute	2.70E-05	2.79E-03	1.22E-03	0.00E+00	5.02E-07	1.18E-03	3.09E-03	0.00E+00	3.14E-03	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	3.14E-03
536	ALL	748434.2	4353621	NonCancerAcute	2.69E-05	2.77E-03	1.22E-03	0.00E+00	5.00E-07	1.17E-03	3.07E-03	0.00E+00	3.12E-03	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	3.12E-03
522	ALL	748834.2	4353421	NonCancerAcute	2.69E-05	2.77E-03	1.22E-03	0.00E+00	4.99E-07	1.17E-03	3.07E-03	0.00E+00	3.12E-03	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	3.12E-03
239	ALL	746634.2	4351721	NonCancerAcute	2.68E-05	2.76E-03	1.21E-03	0.00E+00	4.97E-07	1.17E-03	3.06E-03	0.00E+00	3.11E-03	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	3.11E-03
491	ALL	748034.2	4353221	NonCancerAcute	2.67E-05	2.76E-03	1.21E-03	0.00E+00	4.96E-07	1.16E-03	3.05E-03	0.00E+00	3.10E-03	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	3.10E-03
418	ALL	747634.2	4352721	NonCancerAcute	2.66E-05	2.74E-03	1.20E-03	0.00E+00	4.94E-07	1.16E-03	3.04E-03	0.00E+00	3.09E-03	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	3.09E-03
445	ALL	747734.2	4352921	NonCancerAcute	2.66E-05	2.74E-03	1.20E-03	0.00E+00	4.94E-07	1.16E-03	3.04E-03	0.00E+00	3.09E-03	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	3.09E-03
532	ALL	748934.2	4353521	NonCancerAcute	2.65E-05	2.74E-03	1.20E-03	0.00E+00	4.93E-07	1.16E-03	3.03E-03	0.00E+00	3.08E-03	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	3.08E-03
307	ALL	749534.2	4352021	NonCancerAcute	2.65E-05	2.73E-03	1.20E-03	0.00E+00	4.92E-07	1.15E-03	3.03E-03	0.00E+00	3.08E-03	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	3.08E-03
539	ALL	748734.2	4353621	NonCancerAcute	2.64E-05	2.72E-03	1.19E-03	0.00E+00	4.90E-07	1.15E-03	3.01E-03	0.00E+00	3.06E-03	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	3.06E-03
501	ALL	747634.2	4353321	NonCancerAcute	2.63E-05	2.72E-03	1.19E-03	0.00E+00	4.89E-07	1.15E-03	3.01E-03	0.00E+00	3.06E-03	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	3.06E-03
431	ALL	747634.2	4352821	NonCancerAcute	2.63E-05	2.71E-03	1.19E-03	0.00E+00	4.88E-07	1.15E-03	3.01E-03	0.00E+00	3.05E-03	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	3.05E-03
531	ALL	748834.2	4353521	NonCancerAcute	2.63E-05	2.71E-03	1.19E-03	0.00E+00	4.88E-07	1.15E-03	3.00E-03	0.00E+00	3.05E-03	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	3.05E-03
538	ALL	748634.2	4353621	NonCancerAcute	2.63E-05	2.71E-03	1.19E-03	0.00E+00	4.88E-07	1.15E-03	3.00E-03	0.00E+00	3.05E-03	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	3.05E-03
534	ALL	748234.2	4353621	NonCancerAcute	2.62E-05	2.71E-03	1.19E-03	0.00E+00	4.87E-07	1.14E-03	3.00E-03	0.00E+00	3.05E-03	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	3.05E-03
537	ALL	748534.2	4353621	NonCancerAcute	2.62E-05	2.70E-03	1.19E-03	0.00E+00	4.87E-07	1.14E-03	3.00E-03	0.00E+00	3.04E-03	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	3.04E-03
254	ALL	746534.2	4351821	NonCancerAcute	2.62E-05	2.70E-03	1.18E-03	0.00E+00	4.86E-07	1.14E-03	2.99E-03	0.00E+00	3.04E-03	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	3.04E-03
535	ALL	748334.2	4353621	NonCancerAcute	2.62E-05	2.70E-03	1.18E-03	0.00E+00	4.86E-07	1.14E-03	2.99E-03	0.00E+00	3.04E-03	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	3.04E-03
432	ALL	747734.2	4352821	NonCancerAcute	2.62E-05	2.70E-03	1.18E-03	0.00E+00	4.86E-07	1.14E-03	2.99E-03	0.00E+00	3.04E-03	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	3.04E-03
222	ALL	746434.2	4351621	NonCancerAcute	2.61E-05	2.69E-03	1.18E-03	0.00E+00	4.84E-07	1.14E-03	2.98E-03	0.00E+00	3.03E-03	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	3.03E-03
545	ALL	748434.2	4353721	NonCancerAcute	2.60E-05	2.68E-03	1.18E-03	0.00E+00	4.84E-07	1.13E-03	2.98E-03	0.00E+00	3.02E-03	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	3.02E-03
488	ALL	747734.2	4353221	NonCancerAcute	2.60E-05	2.68E-03	1.17E-03	0.00E+00	4.82E-07	1.13E-03	2.97E-03	0.00E+00	3.02E-03	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	3.02E-03
540	ALL	748834.2	4353621	NonCancerAcute	2.59E-05	2.67E-03	1.17E-03	0.00E+00	4.80E-07	1.13E-03	2.96E-03	0.00E+00	3.00E-03	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	3.00E-03
475	ALL	747834.2	4353121	NonCancerAcute	2.58E-05	2.66E-03	1.17E-03	0.00E+00	4.79E-07	1.12E-03	2.94E-03	0.00E+00	2.99E-03	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	2.99E-03
541	ALL	748934.2	4353621	NonCancerAcute	2.57E-05	2.65E-03	1.16E-03	0.00E+00	4.78E-07	1.12E-03	2.94E-03	0.00E+00	2.99E-03	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	2.99E-03
154	ALL	748434.2	4351021	NonCancerAcute	2.57E-05	2.65E-03	1.16E-03	0.00E+00	4.78E-07	1.12E-03	2.94E-03	0.00E+00	2.99E-03	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	2.99E-03
503	ALL	747834.2	4353321	NonCancerAcute	2.57E-05	2.65E-03	1.16E-03	0.00E+00	4.77E-07	1.12E-03	2.93E-03	0.00E+00	2.98E-03	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	2.98E-03
238	ALL	746534.2	4351721	NonCancerAcute	2.57E-05	2.65E-03	1.16E-03	0.00E+00	4.77E-07	1.12E-03	2.93E-03	0.00E+00	2.98E-03	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	2.98E-03
547	ALL	748634.2	4353721	NonCancerAcute	2.55E-05	2.63E-03	1.15E-03	0.00E+00	4.74E-07	1.11E-03	2.92E-03	0.00E+00	2.97E-03	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	2.97E-03
489	ALL	747834.2	4353221	NonCancerAcute	2.55E-05	2.63E-03	1.15E-03	0.00E+00	4.73E-07	1.11E-03	2.91E-03	0.00E+00	2.96E-03	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	2.96E-03
524	ALL	748134.2	4353521	NonCancerAcute	2.55E-05	2.63E-03	1.15E-03	0.00E+00	4.73E-07	1.11E-03	2.91E-03	0.00E+00	2.96E-03	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	2.96E-03
549	ALL	748834.2	4353721	NonCancerAcute	2.55E-05	2.63E-03	1.15E-03	0.00E+00	4.73E-07	1.11E-03	2.91E-03	0.00E+00	2.96E-03	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	2.96E-03
548	ALL	748734.2	4353721	NonCancerAcute	2.54E-05	2.62E-03	1.15E-03	0.00E+00	4.72E-07	1.11E-03	2.90E-03	0.00E+00	2.95E-03	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	2.95E-03
546	ALL	748534.2	4353721	NonCancerAcute	2.53E-05	2.61E-03	1.15E-03	0.00E+00	4.70E-07	1.10E-03	2.89E-03	0.00E+00	2.94E-03	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	2.94E-03
544	ALL	748334.2	4353721	NonCancerAcute	2.53E-05	2.61E-03	1.15E-03	0.00E+00	4.70E-07	1.10E-03	2.89E-03	0.00E+00	2.94E-03	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	2.94E-03
602	ALL	748033.3	4351360	NonCancerAcute	2.52E-05	2.60E-03	1.14E-03	0.00E+00	4.68E-07	1.10E-03	2.88E-03	0.00E+00	2.93E-03	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	2.93E-03
554	ALL	748434.2	4353821	NonCancerAcute	2.52E-05	2.60E-03	1.14E-03	0.00E+00	4.67E-07	1.10E-03	2.88E-03	0.00E+00	2.92E-03	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	2.92E-03
543	ALL	748234.2	4353721	NonCancerAcute	2.52E-05	2.59E-03	1.14E-03	0.00E+00	4.67E-07	1.10E-03	2.87E-03	0.00E+00	2.92E-03	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	2.92E-03
533	ALL	748134.2	4353621	NonCancerAcute	2.51E-05	2.59E-03	1.14E-03	0.00E+00	4.66E-07	1.09E-03	2.87E-03	0.00E+00	2.91E-03	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	2.91E-03
473	ALL	747634.2	4353121	NonCancerAcute	2.51E-05	2.59E-03	1.13E-03	0.00E+00	4.66E-07	1.09E-03	2.87E-03	0.00E+00	2.91E-03	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	2.91E-03
550	ALL	748934.2	4353721	NonCancerAcute	2.50E-05	2.58E-03	1.13E-03	0.00E+00	4.65E-07	1.09E-03	2.86E-03	0.00E+00	2.91E-03	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	2.91E-03
487	ALL	747634.2	4353221	NonCancerAcute	2.50E-05	2.58E-03	1.13E-03	0.00E+00	4.64E-07	1.09E-03	2.86E-03	0.00E+00	2.90E-03	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	2.90E-03
603	ALL	748055.1	4351291	NonCancerAcute	2.48E-05	2.56E-03	1.12E-03	0.00E+00	4.60E-07	1.08E-03	2.83E-03	0.00E+00	2.88E-03	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	2.88E-03
237	ALL	746434.2	4351721	NonCancerAcute	2.47E-05	2.55E-03	1.12E-03	0.00E+00	4.60E-07	1.08E-03	2.83E-03	0.00E+00	2.87E-03	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	2.87E-03
556	ALL	748634.2	4353821	NonCancerAcute	2.47E-05	2.55E-03	1.12E-03	0.00E+00	4.60E-07	1.08E-03	2.83E-03	0.00E+00	2.87E-03	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	2.87E-03
555	ALL	748534.2	4353821	NonCancerAcute	2.47E-05	2.54E-03	1.12E-03	0.00E+00	4.58E-07	1.08E-03	2.82E-03	0.00E+00	2.87E-03	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	

553 ALL	748334.2	4353821	NonCancerAcute	2.45E-05	2.53E-03	1.11E-03	0.00E+00	4.56E-07	1.07E-03	2.80E-03	0.00E+00	2.85E-03	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	2.85E-03
559 ALL	748934.2	4353821	NonCancerAcute	2.44E-05	2.52E-03	1.10E-03	0.00E+00	4.53E-07	1.06E-03	2.79E-03	0.00E+00	2.83E-03	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	2.83E-03
459 ALL	747634.2	4353021	NonCancerAcute	2.41E-05	2.48E-03	1.09E-03	0.00E+00	4.47E-07	1.05E-03	2.75E-03	0.00E+00	2.79E-03	0.00E+00	0.00E+00	9.87E-04	0.00E+00	0.00E+00	2.79E-03
552 ALL	748234.2	4353821	NonCancerAcute	2.40E-05	2.47E-03	1.08E-03	0.00E+00	4.45E-07	1.04E-03	2.74E-03	0.00E+00	2.78E-03	0.00E+00	0.00E+00	9.83E-04	0.00E+00	0.00E+00	2.78E-03
551 ALL	748134.2	4353821	NonCancerAcute	2.39E-05	2.47E-03	1.08E-03	0.00E+00	4.45E-07	1.04E-03	2.73E-03	0.00E+00	2.78E-03	0.00E+00	0.00E+00	9.81E-04	0.00E+00	0.00E+00	2.78E-03
604 ALL	748064.5	4351269	NonCancerAcute	2.34E-05	2.41E-03	1.06E-03	0.00E+00	4.34E-07	1.02E-03	2.67E-03	0.00E+00	2.72E-03	0.00E+00	0.00E+00	9.59E-04	0.00E+00	0.00E+00	2.72E-03
213 ALL	747834.2	4351521	NonCancerAcute	2.33E-05	2.40E-03	1.05E-03	0.00E+00	4.32E-07	1.01E-03	2.66E-03	0.00E+00	2.70E-03	0.00E+00	0.00E+00	9.55E-04	0.00E+00	0.00E+00	2.70E-03
201 ALL	747934.2	4351421	NonCancerAcute	2.31E-05	2.38E-03	1.04E-03	0.00E+00	4.28E-07	1.00E-03	2.64E-03	0.00E+00	2.68E-03	0.00E+00	0.00E+00	9.46E-04	0.00E+00	0.00E+00	2.68E-03
269 ALL	746534.2	4351921	NonCancerAcute	2.31E-05	2.38E-03	1.04E-03	0.00E+00	4.28E-07	1.00E-03	2.64E-03	0.00E+00	2.68E-03	0.00E+00	0.00E+00	9.46E-04	0.00E+00	0.00E+00	2.68E-03
270 ALL	746634.2	4351921	NonCancerAcute	2.30E-05	2.37E-03	1.04E-03	0.00E+00	4.28E-07	1.00E-03	2.63E-03	0.00E+00	2.67E-03	0.00E+00	0.00E+00	9.44E-04	0.00E+00	0.00E+00	2.67E-03
188 ALL	748034.2	4351321	NonCancerAcute	2.29E-05	2.36E-03	1.04E-03	0.00E+00	4.26E-07	9.99E-04	2.62E-03	0.00E+00	2.66E-03	0.00E+00	0.00E+00	9.40E-04	0.00E+00	0.00E+00	2.66E-03
253 ALL	746434.2	4351821	NonCancerAcute	2.29E-05	2.36E-03	1.04E-03	0.00E+00	4.25E-07	9.98E-04	2.62E-03	0.00E+00	2.66E-03	0.00E+00	0.00E+00	9.39E-04	0.00E+00	0.00E+00	2.66E-03
155 ALL	748534.2	4351021	NonCancerAcute	2.24E-05	2.31E-03	1.01E-03	0.00E+00	4.16E-07	9.76E-04	2.56E-03	0.00E+00	2.60E-03	0.00E+00	0.00E+00	9.18E-04	0.00E+00	0.00E+00	2.60E-03
255 ALL	746634.2	4351821	NonCancerAcute	2.19E-05	2.26E-03	9.92E-04	0.00E+00	4.07E-07	9.55E-04	2.51E-03	0.00E+00	2.55E-03	0.00E+00	0.00E+00	8.99E-04	0.00E+00	0.00E+00	2.55E-03
177 ALL	748134.2	4351221	NonCancerAcute	2.18E-05	2.25E-03	9.85E-04	0.00E+00	4.04E-07	9.49E-04	2.49E-03	0.00E+00	2.53E-03	0.00E+00	0.00E+00	8.93E-04	0.00E+00	0.00E+00	2.53E-03
268 ALL	746434.2	4351921	NonCancerAcute	2.17E-05	2.24E-03	9.82E-04	0.00E+00	4.03E-07	9.46E-04	2.48E-03	0.00E+00	2.52E-03	0.00E+00	0.00E+00	8.90E-04	0.00E+00	0.00E+00	2.52E-03
153 ALL	748334.2	4351021	NonCancerAcute	2.16E-05	2.23E-03	9.76E-04	0.00E+00	4.01E-07	9.41E-04	2.47E-03	0.00E+00	2.51E-03	0.00E+00	0.00E+00	8.85E-04	0.00E+00	0.00E+00	2.51E-03
333 ALL	746634.2	4352221	NonCancerAcute	2.12E-05	2.18E-03	9.57E-04	0.00E+00	3.93E-07	9.22E-04	2.42E-03	0.00E+00	2.46E-03	0.00E+00	0.00E+00	8.68E-04	0.00E+00	0.00E+00	2.46E-03
176 ALL	748034.2	4351221	NonCancerAcute	2.07E-05	2.13E-03	9.35E-04	0.00E+00	3.84E-07	9.01E-04	2.36E-03	0.00E+00	2.40E-03	0.00E+00	0.00E+00	8.48E-04	0.00E+00	0.00E+00	2.40E-03
276 ALL	747834.2	4351921	NonCancerAcute	2.06E-05	2.12E-03	9.32E-04	0.00E+00	3.83E-07	8.98E-04	2.35E-03	0.00E+00	2.39E-03	0.00E+00	0.00E+00	8.45E-04	0.00E+00	0.00E+00	2.39E-03
261 ALL	747834.2	4351821	NonCancerAcute	2.06E-05	2.12E-03	9.30E-04	0.00E+00	3.82E-07	8.96E-04	2.35E-03	0.00E+00	2.39E-03	0.00E+00	0.00E+00	8.43E-04	0.00E+00	0.00E+00	2.39E-03
144 ALL	748434.2	4350921	NonCancerAcute	2.02E-05	2.08E-03	9.14E-04	0.00E+00	3.75E-07	8.80E-04	2.31E-03	0.00E+00	2.35E-03	0.00E+00	0.00E+00	8.29E-04	0.00E+00	0.00E+00	2.35E-03
332 ALL	746534.2	4352221	NonCancerAcute	2.01E-05	2.08E-03	9.11E-04	0.00E+00	3.74E-07	8.78E-04	2.30E-03	0.00E+00	2.34E-03	0.00E+00	0.00E+00	8.26E-04	0.00E+00	0.00E+00	2.34E-03
291 ALL	746634.2	4352021	NonCancerAcute	2.00E-05	2.06E-03	9.03E-04	0.00E+00	3.71E-07	8.70E-04	2.28E-03	0.00E+00	2.32E-03	0.00E+00	0.00E+00	8.19E-04	0.00E+00	0.00E+00	2.32E-03
605 ALL	748083.4	4351245	NonCancerAcute	1.99E-05	2.05E-03	8.99E-04	0.00E+00	3.69E-07	8.66E-04	2.27E-03	0.00E+00	2.31E-03	0.00E+00	0.00E+00	8.15E-04	0.00E+00	0.00E+00	2.31E-03
290 ALL	746534.2	4352021	NonCancerAcute	1.96E-05	2.03E-03	8.88E-04	0.00E+00	3.65E-07	8.56E-04	2.24E-03	0.00E+00	2.28E-03	0.00E+00	0.00E+00	8.05E-04	0.00E+00	0.00E+00	2.28E-03
289 ALL	746434.2	4352021	NonCancerAcute	1.93E-05	1.99E-03	8.71E-04	0.00E+00	3.58E-07	8.39E-04	2.20E-03	0.00E+00	2.24E-03	0.00E+00	0.00E+00	7.90E-04	0.00E+00	0.00E+00	2.24E-03
297 ALL	747834.2	4352021	NonCancerAcute	1.92E-05	1.98E-03	8.68E-04	0.00E+00	3.57E-07	8.36E-04	2.19E-03	0.00E+00	2.23E-03	0.00E+00	0.00E+00	7.87E-04	0.00E+00	0.00E+00	2.23E-03
606 ALL	748090	4351220	NonCancerAcute	1.91E-05	1.97E-03	8.64E-04	0.00E+00	3.55E-07	8.32E-04	2.18E-03	0.00E+00	2.22E-03	0.00E+00	0.00E+00	7.83E-04	0.00E+00	0.00E+00	2.22E-03
331 ALL	746434.2	4352221	NonCancerAcute	1.91E-05	1.97E-03	8.63E-04	0.00E+00	3.54E-07	8.31E-04	2.18E-03	0.00E+00	2.22E-03	0.00E+00	0.00E+00	7.82E-04	0.00E+00	0.00E+00	2.22E-03
316 ALL	747734.2	4352121	NonCancerAcute	1.90E-05	1.95E-03	8.57E-04	0.00E+00	3.52E-07	8.26E-04	2.17E-03	0.00E+00	2.20E-03	0.00E+00	0.00E+00	7.77E-04	0.00E+00	0.00E+00	2.20E-03
286 ALL	749434.2	4351921	NonCancerAcute	1.86E-05	1.92E-03	8.41E-04	0.00E+00	3.45E-07	8.10E-04	2.13E-03	0.00E+00	2.16E-03	0.00E+00	0.00E+00	7.63E-04	0.00E+00	0.00E+00	2.16E-03
230 ALL	747834.2	4351621	NonCancerAcute	1.82E-05	1.88E-03	8.24E-04	0.00E+00	3.38E-07	7.93E-04	2.08E-03	0.00E+00	2.12E-03	0.00E+00	0.00E+00	7.47E-04	0.00E+00	0.00E+00	2.12E-03
245 ALL	747834.2	4351721	NonCancerAcute	1.80E-05	1.85E-03	8.13E-04	0.00E+00	3.34E-07	7.83E-04	2.05E-03	0.00E+00	2.09E-03	0.00E+00	0.00E+00	7.37E-04	0.00E+00	0.00E+00	2.09E-03
311 ALL	746634.2	4352121	NonCancerAcute	1.78E-05	1.84E-03	8.06E-04	0.00E+00	3.31E-07	7.76E-04	2.04E-03	0.00E+00	2.07E-03	0.00E+00	0.00E+00	7.30E-04	0.00E+00	0.00E+00	2.07E-03
310 ALL	746534.2	4352121	NonCancerAcute	1.78E-05	1.83E-03	8.03E-04	0.00E+00	3.30E-07	7.74E-04	2.03E-03	0.00E+00	2.06E-03	0.00E+00	0.00E+00	7.28E-04	0.00E+00	0.00E+00	2.06E-03
309 ALL	746434.2	4352121	NonCancerAcute	1.76E-05	1.82E-03	7.97E-04	0.00E+00	3.27E-07	7.68E-04	2.01E-03	0.00E+00	2.05E-03	0.00E+00	0.00E+00	7.23E-04	0.00E+00	0.00E+00	2.05E-03
143 ALL	748334.2	4350921	NonCancerAcute	1.74E-05	1.80E-03	7.87E-04	0.00E+00	3.23E-07	7.59E-04	1.99E-03	0.00E+00	2.02E-03	0.00E+00	0.00E+00	7.14E-04	0.00E+00	0.00E+00	2.02E-03
175 ALL	747934.2	4351221	NonCancerAcute	1.73E-05	1.79E-03	7.85E-04	0.00E+00	3.22E-07	7.56E-04	1.98E-03	0.00E+00	2.01E-03	0.00E+00	0.00E+00	7.11E-04	0.00E+00	0.00E+00	2.01E-03
142 ALL	748234.2	4350921	NonCancerAcute	1.65E-05	1.71E-03	7.48E-04	0.00E+00	3.07E-07	7.21E-04	1.89E-03	0.00E+00	1.92E-03	0.00E+00	0.00E+00	6.78E-04	0.00E+00	0.00E+00	1.92E-03
200 ALL	747834.2	4351421	NonCancerAcute	1.64E-05	1.69E-03	7.42E-04	0.00E+00	3.05E-07	7.15E-04	1.88E-03	0.00E+00	1.91E-03	0.00E+00	0.00E+00	6.73E-04	0.00E+00	0.00E+00	1.91E-03
132 ALL	748434.2	4350821	NonCancerAcute	1.63E-05	1.68E-03	7.39E-04	0.00E+00	3.03E-07	7.12E-04	1.87E-03	0.00E+00	1.90E-03	0.00E+00	0.00E+00	6.70E-04	0.00E+00	0.00E+00	1.90E-03
274 ALL	747634.2	4351921	NonCancerAcute	1.53E-05	1.58E-03	6.93E-04	0.00E+00	2.85E-07	6.67E-04	1.75E-03	0.00E+00	1.78E-03	0.00E+00	0.00E+00	6.28E-04	0.00E+00	0.00E+00	1.78E-03
287 ALL	749534.2	4351921	NonCancerAcute	1.53E-05	1.58E-03	6.91E-04	0.00E+00	2.84E-07	6.66E-04	1.75E-03	0.00E+00	1.77E-03	0.00E+00	0.00E+00	6.27E-04	0.00E+00	0.00E+00	1.77E-03
212 ALL	747734.2	4351521	NonCancerAcute	1.53E-05	1.57E-03	6.90E-04	0.00E+00	2.83E-07	6.65E-04	1.74E-03	0.00E+00	1.77E-03	0.00E+00	0.00E+00	6.25E-04	0.00E+00	0.00E+00	1.77E-03
275 ALL	747734.2	4351921	NonCancerAcute	1.52E-05	1.57E-03	6.89E-04	0.00E+00	2.83E-07	6.64E-04	1.74E-03	0.00E+00	1.77E-03	0.00E+00	0.00E+00	6.25E-04	0.00E+00	0.00E+00	1.77E-03
244 ALL	747734.2	4351721	NonCancerAcute	1.51E-05	1.56E-03	6.85E-04	0.00E+00	2.81E-07	6.60E-04	1.73E-03	0.00E+00	1.76E-03	0.00E+00	0.00E+00	6.21E-04	0.00E+00	0.00E+00	1.76E-03
164 ALL	748034.2	4351121	NonCancerAcute	1.51E-05	1.56E-03	6.84E-04	0.00E+00	2.81E-07	6.59E-04	1.73E-03	0.00E+00	1.76E-03	0.00E+00	0.00E+00	6.20E-04	0.00E+00	0.00E+00	1.76E-03
229 ALL	747734.2	4351621	NonCancerAcute	1.50E-05	1.55E-03	6.80E-04	0.00E+00	2.79E-07	6.55E-04	1.72E-03	0.00E+00	1.75E-03	0.00E+00	0.00E+00	6.16E-04	0.00E+00	0.00E+00	1.75E-03
187 ALL	747934.2	4351321	NonCancerAcute	1.47E-05	1.51E-03	6.64E-04	0.00E+00	2.73E-07	6.40E-04	1.68E-03	0.00E+00	1.70E-03	0.00E+00	0.00E+00	6.02E-04	0.00E+00	0.00E+00	1.70E-03
260 ALL	747734.2	4351821	NonCancerAcute	1.45E-05	1.50E-03	6.57E-04	0.00E+00	2.70E-07	6.33E-04	1.66E-03	0.00E+00	1.69E-03	0.00E+00	0.00E+00	5.96E-04	0.00E+		

130 ALL	748234.2	4350821	NonCancerAcute	1.39E-05	1.44E-03	6.30E-04	0.00E+00	2.59E-07	6.07E-04	1.59E-03	0.00E+00	1.62E-03	0.00E+00	0.00E+00	5.71E-04	0.00E+00	0.00E+00	1.62E-03
131 ALL	748334.2	4350821	NonCancerAcute	1.37E-05	1.41E-03	6.20E-04	0.00E+00	2.55E-07	5.98E-04	1.57E-03	0.00E+00	1.59E-03	0.00E+00	0.00E+00	5.62E-04	0.00E+00	0.00E+00	1.59E-03
259 ALL	747634.2	4351821	NonCancerAcute	1.37E-05	1.41E-03	6.19E-04	0.00E+00	2.54E-07	5.96E-04	1.56E-03	0.00E+00	1.59E-03	0.00E+00	0.00E+00	5.61E-04	0.00E+00	0.00E+00	1.59E-03
120 ALL	748434.2	4350721	NonCancerAcute	1.36E-05	1.41E-03	6.17E-04	0.00E+00	2.53E-07	5.94E-04	1.56E-03	0.00E+00	1.58E-03	0.00E+00	0.00E+00	5.59E-04	0.00E+00	0.00E+00	1.58E-03
225 ALL	747334.2	4351621	NonCancerAcute	1.35E-05	1.39E-03	6.10E-04	0.00E+00	2.51E-07	5.88E-04	1.54E-03	0.00E+00	1.57E-03	0.00E+00	0.00E+00	5.53E-04	0.00E+00	0.00E+00	1.57E-03
296 ALL	747734.2	4352021	NonCancerAcute	1.34E-05	1.38E-03	6.05E-04	0.00E+00	2.49E-07	5.83E-04	1.53E-03	0.00E+00	1.55E-03	0.00E+00	0.00E+00	5.49E-04	0.00E+00	0.00E+00	1.55E-03
186 ALL	747834.2	4351321	NonCancerAcute	1.24E-05	1.28E-03	5.61E-04	0.00E+00	2.30E-07	5.40E-04	1.42E-03	0.00E+00	1.44E-03	0.00E+00	0.00E+00	5.08E-04	0.00E+00	0.00E+00	1.44E-03
151 ALL	747934.2	4351021	NonCancerAcute	1.24E-05	1.27E-03	5.59E-04	0.00E+00	2.30E-07	5.39E-04	1.41E-03	0.00E+00	1.44E-03	0.00E+00	0.00E+00	5.07E-04	0.00E+00	0.00E+00	1.44E-03
152 ALL	748034.2	4351021	NonCancerAcute	1.23E-05	1.27E-03	5.57E-04	0.00E+00	2.29E-07	5.37E-04	1.41E-03	0.00E+00	1.43E-03	0.00E+00	0.00E+00	5.05E-04	0.00E+00	0.00E+00	1.43E-03
141 ALL	748134.2	4350921	NonCancerAcute	1.23E-05	1.27E-03	5.57E-04	0.00E+00	2.29E-07	5.37E-04	1.41E-03	0.00E+00	1.43E-03	0.00E+00	0.00E+00	5.05E-04	0.00E+00	0.00E+00	1.43E-03
118 ALL	748234.2	4350721	NonCancerAcute	1.22E-05	1.26E-03	5.53E-04	0.00E+00	2.27E-07	5.33E-04	1.40E-03	0.00E+00	1.42E-03	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	1.42E-03
228 ALL	747634.2	4351621	NonCancerAcute	1.20E-05	1.24E-03	5.44E-04	0.00E+00	2.24E-07	5.24E-04	1.38E-03	0.00E+00	1.40E-03	0.00E+00	0.00E+00	4.94E-04	0.00E+00	0.00E+00	1.40E-03
208 ALL	747334.2	4351521	NonCancerAcute	1.20E-05	1.23E-03	5.41E-04	0.00E+00	2.22E-07	5.22E-04	1.37E-03	0.00E+00	1.39E-03	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	1.39E-03
243 ALL	747634.2	4351721	NonCancerAcute	1.18E-05	1.22E-03	5.35E-04	0.00E+00	2.20E-07	5.16E-04	1.35E-03	0.00E+00	1.38E-03	0.00E+00	0.00E+00	4.85E-04	0.00E+00	0.00E+00	1.38E-03
185 ALL	747734.2	4351321	NonCancerAcute	1.18E-05	1.21E-03	5.32E-04	0.00E+00	2.18E-07	5.12E-04	1.34E-03	0.00E+00	1.37E-03	0.00E+00	0.00E+00	4.82E-04	0.00E+00	0.00E+00	1.37E-03
241 ALL	747434.2	4351721	NonCancerAcute	1.17E-05	1.21E-03	5.30E-04	0.00E+00	2.18E-07	5.10E-04	1.34E-03	0.00E+00	1.36E-03	0.00E+00	0.00E+00	4.80E-04	0.00E+00	0.00E+00	1.36E-03
162 ALL	747834.2	4351121	NonCancerAcute	1.17E-05	1.20E-03	5.27E-04	0.00E+00	2.17E-07	5.08E-04	1.33E-03	0.00E+00	1.35E-03	0.00E+00	0.00E+00	4.78E-04	0.00E+00	0.00E+00	1.35E-03
119 ALL	748334.2	4350721	NonCancerAcute	1.13E-05	1.17E-03	5.13E-04	0.00E+00	2.11E-07	4.94E-04	1.30E-03	0.00E+00	1.32E-03	0.00E+00	0.00E+00	4.65E-04	0.00E+00	0.00E+00	1.32E-03
108 ALL	748434.2	4350621	NonCancerAcute	1.12E-05	1.16E-03	5.09E-04	0.00E+00	2.09E-07	4.90E-04	1.29E-03	0.00E+00	1.31E-03	0.00E+00	0.00E+00	4.61E-04	0.00E+00	0.00E+00	1.31E-03
197 ALL	747534.2	4351421	NonCancerAcute	1.12E-05	1.16E-03	5.08E-04	0.00E+00	2.08E-07	4.89E-04	1.28E-03	0.00E+00	1.30E-03	0.00E+00	0.00E+00	4.60E-04	0.00E+00	0.00E+00	1.30E-03
226 ALL	747434.2	4351621	NonCancerAcute	1.12E-05	1.16E-03	5.07E-04	0.00E+00	2.08E-07	4.89E-04	1.28E-03	0.00E+00	1.30E-03	0.00E+00	0.00E+00	4.60E-04	0.00E+00	0.00E+00	1.30E-03
181 ALL	747334.2	4351321	NonCancerAcute	1.11E-05	1.15E-03	5.03E-04	0.00E+00	2.06E-07	4.84E-04	1.27E-03	0.00E+00	1.29E-03	0.00E+00	0.00E+00	4.56E-04	0.00E+00	0.00E+00	1.29E-03
174 ALL	747834.2	4351221	NonCancerAcute	1.10E-05	1.14E-03	5.00E-04	0.00E+00	2.05E-07	4.81E-04	1.26E-03	0.00E+00	1.28E-03	0.00E+00	0.00E+00	4.53E-04	0.00E+00	0.00E+00	1.28E-03
210 ALL	747534.2	4351521	NonCancerAcute	1.10E-05	1.13E-03	4.97E-04	0.00E+00	2.04E-07	4.79E-04	1.26E-03	0.00E+00	1.28E-03	0.00E+00	0.00E+00	4.50E-04	0.00E+00	0.00E+00	1.28E-03
242 ALL	747534.2	4351721	NonCancerAcute	1.09E-05	1.13E-03	4.94E-04	0.00E+00	2.03E-07	4.76E-04	1.25E-03	0.00E+00	1.27E-03	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	1.27E-03
198 ALL	747634.2	4351421	NonCancerAcute	1.08E-05	1.12E-03	4.90E-04	0.00E+00	2.01E-07	4.72E-04	1.24E-03	0.00E+00	1.26E-03	0.00E+00	0.00E+00	4.45E-04	0.00E+00	0.00E+00	1.26E-03
106 ALL	748234.2	4350621	NonCancerAcute	1.08E-05	1.11E-03	4.88E-04	0.00E+00	2.00E-07	4.70E-04	1.23E-03	0.00E+00	1.25E-03	0.00E+00	0.00E+00	4.42E-04	0.00E+00	0.00E+00	1.25E-03
196 ALL	747434.2	4351421	NonCancerAcute	1.08E-05	1.11E-03	4.87E-04	0.00E+00	2.00E-07	4.69E-04	1.23E-03	0.00E+00	1.25E-03	0.00E+00	0.00E+00	4.42E-04	0.00E+00	0.00E+00	1.25E-03
139 ALL	747934.2	4350921	NonCancerAcute	1.07E-05	1.10E-03	4.82E-04	0.00E+00	1.98E-07	4.64E-04	1.22E-03	0.00E+00	1.24E-03	0.00E+00	0.00E+00	4.37E-04	0.00E+00	0.00E+00	1.24E-03
150 ALL	747834.2	4351021	NonCancerAcute	1.06E-05	1.10E-03	4.81E-04	0.00E+00	1.98E-07	4.63E-04	1.22E-03	0.00E+00	1.24E-03	0.00E+00	0.00E+00	4.36E-04	0.00E+00	0.00E+00	1.24E-03
227 ALL	747534.2	4351621	NonCancerAcute	1.05E-05	1.08E-03	4.73E-04	0.00E+00	1.94E-07	4.56E-04	1.20E-03	0.00E+00	1.22E-03	0.00E+00	0.00E+00	4.29E-04	0.00E+00	0.00E+00	1.22E-03
195 ALL	747334.2	4351421	NonCancerAcute	1.04E-05	1.07E-03	4.71E-04	0.00E+00	1.93E-07	4.54E-04	1.19E-03	0.00E+00	1.21E-03	0.00E+00	0.00E+00	4.27E-04	0.00E+00	0.00E+00	1.21E-03
192 ALL	746434.2	4351421	NonCancerAcute	1.04E-05	1.07E-03	4.70E-04	0.00E+00	1.93E-07	4.53E-04	1.19E-03	0.00E+00	1.21E-03	0.00E+00	0.00E+00	4.26E-04	0.00E+00	0.00E+00	1.21E-03
140 ALL	748034.2	4350921	NonCancerAcute	1.04E-05	1.07E-03	4.69E-04	0.00E+00	1.93E-07	4.52E-04	1.19E-03	0.00E+00	1.20E-03	0.00E+00	0.00E+00	4.25E-04	0.00E+00	0.00E+00	1.20E-03
182 ALL	747434.2	4351321	NonCancerAcute	1.03E-05	1.07E-03	4.67E-04	0.00E+00	1.92E-07	4.50E-04	1.18E-03	0.00E+00	1.20E-03	0.00E+00	0.00E+00	4.24E-04	0.00E+00	0.00E+00	1.20E-03
138 ALL	747834.2	4350921	NonCancerAcute	1.03E-05	1.06E-03	4.65E-04	0.00E+00	1.91E-07	4.48E-04	1.18E-03	0.00E+00	1.19E-03	0.00E+00	0.00E+00	4.22E-04	0.00E+00	0.00E+00	1.19E-03
94 ALL	748234.2	4350521	NonCancerAcute	1.02E-05	1.05E-03	4.60E-04	0.00E+00	1.89E-07	4.43E-04	1.16E-03	0.00E+00	1.18E-03	0.00E+00	0.00E+00	4.17E-04	0.00E+00	0.00E+00	1.18E-03
107 ALL	748334.2	4350621	NonCancerAcute	9.83E-06	1.01E-03	4.45E-04	0.00E+00	1.83E-07	4.28E-04	1.12E-03	0.00E+00	1.14E-03	0.00E+00	0.00E+00	4.03E-04	0.00E+00	0.00E+00	1.14E-03
184 ALL	747634.2	4351321	NonCancerAcute	9.81E-06	1.01E-03	4.44E-04	0.00E+00	1.82E-07	4.27E-04	1.12E-03	0.00E+00	1.14E-03	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	1.14E-03
169 ALL	747334.2	4351221	NonCancerAcute	9.76E-06	1.01E-03	4.41E-04	0.00E+00	1.81E-07	4.25E-04	1.11E-03	0.00E+00	1.13E-03	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	1.13E-03
82 ALL	748234.2	4350421	NonCancerAcute	9.57E-06	9.87E-04	4.33E-04	0.00E+00	1.78E-07	4.17E-04	1.09E-03	0.00E+00	1.11E-03	0.00E+00	0.00E+00	3.92E-04	0.00E+00	0.00E+00	1.11E-03
209 ALL	747434.2	4351521	NonCancerAcute	9.55E-06	9.84E-04	4.32E-04	0.00E+00	1.77E-07	4.16E-04	1.09E-03	0.00E+00	1.11E-03	0.00E+00	0.00E+00	3.91E-04	0.00E+00	0.00E+00	1.11E-03
128 ALL	748034.2	4350821	NonCancerAcute	9.49E-06	9.78E-04	4.29E-04	0.00E+00	1.76E-07	4.13E-04	1.08E-03	0.00E+00	1.10E-03	0.00E+00	0.00E+00	3.89E-04	0.00E+00	0.00E+00	1.10E-03
173 ALL	747734.2	4351221	NonCancerAcute	9.42E-06	9.72E-04	4.26E-04	0.00E+00	1.75E-07	4.11E-04	1.08E-03	0.00E+00	1.09E-03	0.00E+00	0.00E+00	3.86E-04	0.00E+00	0.00E+00	1.09E-03
129 ALL	748134.2	4350821	NonCancerAcute	9.40E-06	9.69E-04	4.25E-04	0.00E+00	1.75E-07	4.09E-04	1.07E-03	0.00E+00	1.09E-03	0.00E+00	0.00E+00	3.85E-04	0.00E+00	0.00E+00	1.09E-03
96 ALL	748434.2	4350521	NonCancerAcute	9.34E-06	9.63E-04	4.22E-04	0.00E+00	1.73E-07	4.07E-04	1.07E-03	0.00E+00	1.08E-03	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	1.08E-03
193 ALL	746534.2	4351421	NonCancerAcute	9.02E-06	9.30E-04	4.08E-04	0.00E+00	1.68E-07	3.93E-04	1.03E-03	0.00E+00	1.05E-03	0.00E+00	0.00E+00	3.70E-04	0.00E+00	0.00E+00	1.05E-03
183 ALL	747534.2	4351321	NonCancerAcute	8.98E-06	9.26E-04	4.06E-04	0.00E+00	1.67E-07	3.91E-04	1.03E-03	0.00E+00	1.04E-03	0.00E+00	0.00E+00	3.68E-04	0.00E+00	0.00E+00	1.04E-03
161 ALL	747734.2	4351121	NonCancerAcute	8.87E-06	9.15E-04	4.01E-04	0.00E+00	1.65E-07	3.87E-04	1.01E-03	0.00E+00	1.03E-03	0.00E+00	0.00E+00	3.64E-04	0.00E+00	0.00E+00	1.03E-03
126 ALL	747834.2	4350821	NonCancerAcute	8.78E-06	9.05E-04	3.97E-04	0.00E+00	1.63E-07	3.82E-04	1.00E-03	0.00E+00	1.02E-03	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	1.02E-03
172 ALL	747634.2	4351221	NonCancerAcute	8.57E-06	8.84E-04	3.88E-04	0.00E+00	1.59E-07	3.73E-04	9.79E-04	0.00E+00	9.95E-04	0.00E+00	0.00E+00	3.51E-04	0.00E+0		

81 ALL	748134.2	4350421	NonCancerAcute	8.17E-06	8.43E-04	3.70E-04	0.00E+00	1.52E-07	3.56E-04	9.34E-04	0.00E+00	9.49E-04	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	9.49E-04
116 ALL	748034.2	4350721	NonCancerAcute	8.15E-06	8.40E-04	3.68E-04	0.00E+00	1.51E-07	3.55E-04	9.31E-04	0.00E+00	9.46E-04	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	9.46E-04
70 ALL	748234.2	4350321	NonCancerAcute	8.06E-06	8.32E-04	3.65E-04	0.00E+00	1.50E-07	3.51E-04	9.22E-04	0.00E+00	9.37E-04	0.00E+00	0.00E+00	3.31E-04	0.00E+00	0.00E+00	9.37E-04
146 ALL	747434.2	4351021	NonCancerAcute	8.06E-06	8.31E-04	3.64E-04	0.00E+00	1.50E-07	3.51E-04	9.21E-04	0.00E+00	9.36E-04	0.00E+00	0.00E+00	3.30E-04	0.00E+00	0.00E+00	9.36E-04
159 ALL	747534.2	4351121	NonCancerAcute	7.99E-06	8.24E-04	3.61E-04	0.00E+00	1.48E-07	3.48E-04	9.13E-04	0.00E+00	9.28E-04	0.00E+00	0.00E+00	3.28E-04	0.00E+00	0.00E+00	9.28E-04
171 ALL	747534.2	4351221	NonCancerAcute	7.98E-06	8.23E-04	3.61E-04	0.00E+00	1.48E-07	3.48E-04	9.12E-04	0.00E+00	9.27E-04	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	9.27E-04
137 ALL	747734.2	4350921	NonCancerAcute	7.94E-06	8.19E-04	3.59E-04	0.00E+00	1.47E-07	3.46E-04	9.07E-04	0.00E+00	9.22E-04	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	9.22E-04
57 ALL	748134.2	4350221	NonCancerAcute	7.91E-06	8.16E-04	3.58E-04	0.00E+00	1.47E-07	3.45E-04	9.04E-04	0.00E+00	9.19E-04	0.00E+00	0.00E+00	3.24E-04	0.00E+00	0.00E+00	9.19E-04
113 ALL	747734.2	4350721	NonCancerAcute	7.90E-06	8.14E-04	3.57E-04	0.00E+00	1.47E-07	3.44E-04	9.02E-04	0.00E+00	9.17E-04	0.00E+00	0.00E+00	3.24E-04	0.00E+00	0.00E+00	9.17E-04
114 ALL	747834.2	4350721	NonCancerAcute	7.64E-06	7.88E-04	3.46E-04	0.00E+00	1.42E-07	3.33E-04	8.73E-04	0.00E+00	8.88E-04	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	8.88E-04
133 ALL	747334.2	4350921	NonCancerAcute	7.62E-06	7.86E-04	3.45E-04	0.00E+00	1.42E-07	3.32E-04	8.71E-04	0.00E+00	8.85E-04	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	8.85E-04
104 ALL	748034.2	4350621	NonCancerAcute	7.60E-06	7.84E-04	3.44E-04	0.00E+00	1.41E-07	3.31E-04	8.68E-04	0.00E+00	8.83E-04	0.00E+00	0.00E+00	3.12E-04	0.00E+00	0.00E+00	8.83E-04
125 ALL	747734.2	4350821	NonCancerAcute	7.51E-06	7.74E-04	3.40E-04	0.00E+00	1.39E-07	3.27E-04	8.58E-04	0.00E+00	8.72E-04	0.00E+00	0.00E+00	3.08E-04	0.00E+00	0.00E+00	8.72E-04
170 ALL	747434.2	4351221	NonCancerAcute	7.49E-06	7.72E-04	3.39E-04	0.00E+00	1.39E-07	3.26E-04	8.56E-04	0.00E+00	8.70E-04	0.00E+00	0.00E+00	3.07E-04	0.00E+00	0.00E+00	8.70E-04
160 ALL	747634.2	4351121	NonCancerAcute	7.40E-06	7.64E-04	3.35E-04	0.00E+00	1.38E-07	3.23E-04	8.46E-04	0.00E+00	8.60E-04	0.00E+00	0.00E+00	3.04E-04	0.00E+00	0.00E+00	8.60E-04
117 ALL	748134.2	4350721	NonCancerAcute	7.39E-06	7.62E-04	3.34E-04	0.00E+00	1.37E-07	3.22E-04	8.44E-04	0.00E+00	8.58E-04	0.00E+00	0.00E+00	3.03E-04	0.00E+00	0.00E+00	8.58E-04
84 ALL	748434.2	4350421	NonCancerAcute	7.38E-06	7.61E-04	3.34E-04	0.00E+00	1.37E-07	3.22E-04	8.43E-04	0.00E+00	8.57E-04	0.00E+00	0.00E+00	3.03E-04	0.00E+00	0.00E+00	8.57E-04
148 ALL	747634.2	4351021	NonCancerAcute	7.26E-06	7.49E-04	3.28E-04	0.00E+00	1.35E-07	3.16E-04	8.30E-04	0.00E+00	8.43E-04	0.00E+00	0.00E+00	2.98E-04	0.00E+00	0.00E+00	8.43E-04
147 ALL	747534.2	4351021	NonCancerAcute	7.26E-06	7.49E-04	3.28E-04	0.00E+00	1.35E-07	3.16E-04	8.30E-04	0.00E+00	8.43E-04	0.00E+00	0.00E+00	2.98E-04	0.00E+00	0.00E+00	8.43E-04
83 ALL	748334.2	4350421	NonCancerAcute	7.23E-06	7.46E-04	3.27E-04	0.00E+00	1.34E-07	3.15E-04	8.26E-04	0.00E+00	8.40E-04	0.00E+00	0.00E+00	2.97E-04	0.00E+00	0.00E+00	8.40E-04
134 ALL	747434.2	4350921	NonCancerAcute	7.22E-06	7.45E-04	3.27E-04	0.00E+00	1.34E-07	3.15E-04	8.25E-04	0.00E+00	8.39E-04	0.00E+00	0.00E+00	2.96E-04	0.00E+00	0.00E+00	8.39E-04
93 ALL	748134.2	4350521	NonCancerAcute	7.21E-06	7.44E-04	3.26E-04	0.00E+00	1.34E-07	3.14E-04	8.24E-04	0.00E+00	8.37E-04	0.00E+00	0.00E+00	2.96E-04	0.00E+00	0.00E+00	8.37E-04
115 ALL	747934.2	4350721	NonCancerAcute	7.12E-06	7.34E-04	3.22E-04	0.00E+00	1.32E-07	3.10E-04	8.14E-04	0.00E+00	8.27E-04	0.00E+00	0.00E+00	2.92E-04	0.00E+00	0.00E+00	8.27E-04
149 ALL	747734.2	4351021	NonCancerAcute	7.09E-06	7.32E-04	3.21E-04	0.00E+00	1.32E-07	3.09E-04	8.11E-04	0.00E+00	8.24E-04	0.00E+00	0.00E+00	2.91E-04	0.00E+00	0.00E+00	8.24E-04
158 ALL	747434.2	4351121	NonCancerAcute	6.96E-06	7.18E-04	3.15E-04	0.00E+00	1.29E-07	3.03E-04	7.95E-04	0.00E+00	8.08E-04	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	8.08E-04
121 ALL	747334.2	4350821	NonCancerAcute	6.90E-06	7.11E-04	3.12E-04	0.00E+00	1.28E-07	3.01E-04	7.88E-04	0.00E+00	8.01E-04	0.00E+00	0.00E+00	2.83E-04	0.00E+00	0.00E+00	8.01E-04
145 ALL	747334.2	4351021	NonCancerAcute	6.86E-06	7.08E-04	3.10E-04	0.00E+00	1.27E-07	2.99E-04	7.84E-04	0.00E+00	7.97E-04	0.00E+00	0.00E+00	2.81E-04	0.00E+00	0.00E+00	7.97E-04
58 ALL	748234.2	4350221	NonCancerAcute	6.83E-06	7.05E-04	3.09E-04	0.00E+00	1.27E-07	2.98E-04	7.81E-04	0.00E+00	7.94E-04	0.00E+00	0.00E+00	2.80E-04	0.00E+00	0.00E+00	7.94E-04
92 ALL	748034.2	4350521	NonCancerAcute	6.82E-06	7.04E-04	3.09E-04	0.00E+00	1.27E-07	2.97E-04	7.80E-04	0.00E+00	7.93E-04	0.00E+00	0.00E+00	2.80E-04	0.00E+00	0.00E+00	7.93E-04
101 ALL	747734.2	4350621	NonCancerAcute	6.78E-06	6.99E-04	3.06E-04	0.00E+00	1.26E-07	2.95E-04	7.74E-04	0.00E+00	7.87E-04	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	7.87E-04
102 ALL	747834.2	4350621	NonCancerAcute	6.74E-06	6.95E-04	3.05E-04	0.00E+00	1.25E-07	2.94E-04	7.71E-04	0.00E+00	7.83E-04	0.00E+00	0.00E+00	2.77E-04	0.00E+00	0.00E+00	7.83E-04
157 ALL	747334.2	4351121	NonCancerAcute	6.72E-06	6.93E-04	3.04E-04	0.00E+00	1.25E-07	2.93E-04	7.68E-04	0.00E+00	7.81E-04	0.00E+00	0.00E+00	2.76E-04	0.00E+00	0.00E+00	7.81E-04
45 ALL	748134.2	4350121	NonCancerAcute	6.47E-06	6.68E-04	2.93E-04	0.00E+00	1.20E-07	2.82E-04	7.40E-04	0.00E+00	7.52E-04	0.00E+00	0.00E+00	2.65E-04	0.00E+00	0.00E+00	7.52E-04
105 ALL	748134.2	4350621	NonCancerAcute	6.47E-06	6.67E-04	2.93E-04	0.00E+00	1.20E-07	2.82E-04	7.39E-04	0.00E+00	7.51E-04	0.00E+00	0.00E+00	2.65E-04	0.00E+00	0.00E+00	7.51E-04
135 ALL	747534.2	4350921	NonCancerAcute	6.43E-06	6.63E-04	2.91E-04	0.00E+00	1.19E-07	2.80E-04	7.35E-04	0.00E+00	7.47E-04	0.00E+00	0.00E+00	2.64E-04	0.00E+00	0.00E+00	7.47E-04
100 ALL	747634.2	4350621	NonCancerAcute	6.43E-06	6.63E-04	2.91E-04	0.00E+00	1.19E-07	2.80E-04	7.34E-04	0.00E+00	7.46E-04	0.00E+00	0.00E+00	2.64E-04	0.00E+00	0.00E+00	7.46E-04
136 ALL	747634.2	4350921	NonCancerAcute	6.21E-06	6.40E-04	2.81E-04	0.00E+00	1.15E-07	2.70E-04	7.09E-04	0.00E+00	7.21E-04	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	7.21E-04
112 ALL	747634.2	4350721	NonCancerAcute	6.18E-06	6.37E-04	2.79E-04	0.00E+00	1.15E-07	2.69E-04	7.06E-04	0.00E+00	7.17E-04	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	7.17E-04
124 ALL	747634.2	4350821	NonCancerAcute	6.17E-06	6.36E-04	2.79E-04	0.00E+00	1.15E-07	2.69E-04	7.05E-04	0.00E+00	7.17E-04	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	7.17E-04
103 ALL	747934.2	4350621	NonCancerAcute	6.15E-06	6.34E-04	2.78E-04	0.00E+00	1.14E-07	2.68E-04	7.02E-04	0.00E+00	7.14E-04	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	7.14E-04
88 ALL	747634.2	4350521	NonCancerAcute	6.11E-06	6.30E-04	2.76E-04	0.00E+00	1.13E-07	2.66E-04	6.98E-04	0.00E+00	7.10E-04	0.00E+00	0.00E+00	2.51E-04	0.00E+00	0.00E+00	7.10E-04
80 ALL	748034.2	4350421	NonCancerAcute	6.08E-06	6.27E-04	2.75E-04	0.00E+00	1.13E-07	2.65E-04	6.95E-04	0.00E+00	7.07E-04	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	7.07E-04
71 ALL	748334.2	4350321	NonCancerAcute	6.06E-06	6.25E-04	2.74E-04	0.00E+00	1.13E-07	2.64E-04	6.92E-04	0.00E+00	7.04E-04	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	7.04E-04
89 ALL	747734.2	4350521	NonCancerAcute	5.87E-06	6.06E-04	2.66E-04	0.00E+00	1.09E-07	2.56E-04	6.71E-04	0.00E+00	6.82E-04	0.00E+00	0.00E+00	2.41E-04	0.00E+00	0.00E+00	6.82E-04
72 ALL	748434.2	4350321	NonCancerAcute	5.86E-06	6.04E-04	2.65E-04	0.00E+00	1.09E-07	2.55E-04	6.70E-04	0.00E+00	6.81E-04	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	6.81E-04
79 ALL	747934.2	4350421	NonCancerAcute	5.78E-06	5.96E-04	2.62E-04	0.00E+00	1.07E-07	2.52E-04	6.61E-04	0.00E+00	6.72E-04	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	6.72E-04
67 ALL	747934.2	4350321	NonCancerAcute	5.76E-06	5.94E-04	2.60E-04	0.00E+00	1.07E-07	2.51E-04	6.58E-04	0.00E+00	6.69E-04	0.00E+00	0.00E+00	2.36E-04	0.00E+00	0.00E+00	6.69E-04
33 ALL	748134.2	4350021	NonCancerAcute	5.70E-06	5.88E-04	2.58E-04	0.00E+00	1.06E-07	2.49E-04	6.52E-04	0.00E+00	6.62E-04	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	6.62E-04
91 ALL	747934.2	4350521	NonCancerAcute	5.62E-06	5.80E-04	2.54E-04	0.00E+00	1.04E-07	2.45E-04	6.43E-04	0.00E+00	6.53E-04	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	6.53E-04
123 ALL	747534.2	4350821	NonCancerAcute	5.61E-06	5.79E-04	2.54E-04	0.00E+00	1.04E-07	2.45E-04	6.41E-04	0.00E+00	6.52E-04	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	6.52E-04
46 ALL	748234.2	4350121	NonCancerAcute	5.59E-06	5.77E-04	2.53E-04	0.00E+00	1.04E-07	2.44E-04	6.39E-04	0.00E+00	6.50E-04	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	

60 ALL	748434.2	4350221	NonCancerAcute	5.22E-06	5.38E-04	2.36E-04	0.00E+00	9.69E-08	2.27E-04	5.96E-04	0.00E+00	6.06E-04	0.00E+00	0.00E+00	2.14E-04	0.00E+00	0.00E+00	6.06E-04
109 ALL	747334.2	4350721	NonCancerAcute	5.18E-06	5.34E-04	2.34E-04	0.00E+00	9.63E-08	2.26E-04	5.92E-04	0.00E+00	6.02E-04	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	6.02E-04
90 ALL	747834.2	4350521	NonCancerAcute	5.18E-06	5.34E-04	2.34E-04	0.00E+00	9.62E-08	2.26E-04	5.92E-04	0.00E+00	6.02E-04	0.00E+00	0.00E+00	2.12E-04	0.00E+00	0.00E+00	6.02E-04
111 ALL	747534.2	4350721	NonCancerAcute	5.16E-06	5.32E-04	2.33E-04	0.00E+00	9.59E-08	2.25E-04	5.90E-04	0.00E+00	5.99E-04	0.00E+00	0.00E+00	2.12E-04	0.00E+00	0.00E+00	5.99E-04
76 ALL	747634.2	4350421	NonCancerAcute	5.10E-06	5.26E-04	2.31E-04	0.00E+00	9.48E-08	2.22E-04	5.83E-04	0.00E+00	5.93E-04	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	5.93E-04
99 ALL	747534.2	4350621	NonCancerAcute	5.09E-06	5.25E-04	2.30E-04	0.00E+00	9.45E-08	2.22E-04	5.82E-04	0.00E+00	5.91E-04	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	5.91E-04
77 ALL	747734.2	4350421	NonCancerAcute	5.06E-06	5.22E-04	2.29E-04	0.00E+00	9.41E-08	2.21E-04	5.79E-04	0.00E+00	5.88E-04	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	5.88E-04
43 ALL	747934.2	4350121	NonCancerAcute	5.03E-06	5.19E-04	2.28E-04	0.00E+00	9.35E-08	2.19E-04	5.75E-04	0.00E+00	5.84E-04	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	5.84E-04
56 ALL	748034.2	4350221	NonCancerAcute	4.92E-06	5.07E-04	2.22E-04	0.00E+00	9.14E-08	2.14E-04	5.62E-04	0.00E+00	5.71E-04	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	5.71E-04
34 ALL	748234.2	4350021	NonCancerAcute	4.91E-06	5.06E-04	2.22E-04	0.00E+00	9.12E-08	2.14E-04	5.61E-04	0.00E+00	5.70E-04	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	5.70E-04
42 ALL	747834.2	4350121	NonCancerAcute	4.90E-06	5.06E-04	2.22E-04	0.00E+00	9.11E-08	2.14E-04	5.60E-04	0.00E+00	5.69E-04	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	5.69E-04
75 ALL	747534.2	4350421	NonCancerAcute	4.87E-06	5.02E-04	2.20E-04	0.00E+00	9.05E-08	2.12E-04	5.57E-04	0.00E+00	5.66E-04	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	5.66E-04
64 ALL	747634.2	4350321	NonCancerAcute	4.81E-06	4.96E-04	2.18E-04	0.00E+00	8.94E-08	2.10E-04	5.50E-04	0.00E+00	5.59E-04	0.00E+00	0.00E+00	1.97E-04	0.00E+00	0.00E+00	5.59E-04
110 ALL	747434.2	4350721	NonCancerAcute	4.80E-06	4.95E-04	2.17E-04	0.00E+00	8.91E-08	2.09E-04	5.48E-04	0.00E+00	5.57E-04	0.00E+00	0.00E+00	1.97E-04	0.00E+00	0.00E+00	5.57E-04
44 ALL	748034.2	4350121	NonCancerAcute	4.77E-06	4.91E-04	2.16E-04	0.00E+00	8.85E-08	2.08E-04	5.45E-04	0.00E+00	5.54E-04	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	5.54E-04
63 ALL	747534.2	4350321	NonCancerAcute	4.69E-06	4.84E-04	2.12E-04	0.00E+00	8.72E-08	2.04E-04	5.36E-04	0.00E+00	5.45E-04	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	5.45E-04
51 ALL	747534.2	4350221	NonCancerAcute	4.66E-06	4.80E-04	2.11E-04	0.00E+00	8.65E-08	2.03E-04	5.32E-04	0.00E+00	5.41E-04	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	5.41E-04
54 ALL	747834.2	4350221	NonCancerAcute	4.63E-06	4.77E-04	2.09E-04	0.00E+00	8.60E-08	2.02E-04	5.29E-04	0.00E+00	5.38E-04	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	5.38E-04
30 ALL	747834.2	4350021	NonCancerAcute	4.63E-06	4.77E-04	2.09E-04	0.00E+00	8.59E-08	2.02E-04	5.29E-04	0.00E+00	5.37E-04	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	5.37E-04
32 ALL	748034.2	4350021	NonCancerAcute	4.56E-06	4.71E-04	2.06E-04	0.00E+00	8.48E-08	1.99E-04	5.21E-04	0.00E+00	5.30E-04	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	5.30E-04
87 ALL	747534.2	4350521	NonCancerAcute	4.50E-06	4.64E-04	2.04E-04	0.00E+00	8.36E-08	1.96E-04	5.15E-04	0.00E+00	5.23E-04	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	5.23E-04
39 ALL	747534.2	4350121	NonCancerAcute	4.47E-06	4.61E-04	2.02E-04	0.00E+00	8.31E-08	1.95E-04	5.11E-04	0.00E+00	5.20E-04	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	5.20E-04
52 ALL	747634.2	4350221	NonCancerAcute	4.46E-06	4.60E-04	2.02E-04	0.00E+00	8.28E-08	1.94E-04	5.09E-04	0.00E+00	5.18E-04	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	5.18E-04
47 ALL	748334.2	4350121	NonCancerAcute	4.45E-06	4.59E-04	2.01E-04	0.00E+00	8.27E-08	1.94E-04	5.09E-04	0.00E+00	5.17E-04	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	5.17E-04
18 ALL	747834.2	4349921	NonCancerAcute	4.43E-06	4.57E-04	2.00E-04	0.00E+00	8.23E-08	1.93E-04	5.06E-04	0.00E+00	5.14E-04	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	5.14E-04
31 ALL	747934.2	4350021	NonCancerAcute	4.43E-06	4.56E-04	2.00E-04	0.00E+00	8.22E-08	1.93E-04	5.06E-04	0.00E+00	5.14E-04	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	5.14E-04
20 ALL	748034.2	4349921	NonCancerAcute	4.42E-06	4.56E-04	2.00E-04	0.00E+00	8.21E-08	1.93E-04	5.05E-04	0.00E+00	5.13E-04	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	5.13E-04
38 ALL	747434.2	4350121	NonCancerAcute	4.39E-06	4.52E-04	1.98E-04	0.00E+00	8.14E-08	1.91E-04	5.01E-04	0.00E+00	5.09E-04	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	5.09E-04
26 ALL	747434.2	4350021	NonCancerAcute	4.35E-06	4.48E-04	1.97E-04	0.00E+00	8.07E-08	1.89E-04	4.97E-04	0.00E+00	5.05E-04	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	5.05E-04
21 ALL	748134.2	4349921	NonCancerAcute	4.35E-06	4.48E-04	1.97E-04	0.00E+00	8.07E-08	1.89E-04	4.97E-04	0.00E+00	5.05E-04	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	5.05E-04
78 ALL	747834.2	4350421	NonCancerAcute	4.32E-06	4.46E-04	1.95E-04	0.00E+00	8.03E-08	1.88E-04	4.94E-04	0.00E+00	5.02E-04	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	5.02E-04
50 ALL	747434.2	4350221	NonCancerAcute	4.28E-06	4.41E-04	1.93E-04	0.00E+00	7.94E-08	1.86E-04	4.89E-04	0.00E+00	4.97E-04	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	4.97E-04
48 ALL	748434.2	4350121	NonCancerAcute	4.25E-06	4.39E-04	1.92E-04	0.00E+00	7.90E-08	1.85E-04	4.86E-04	0.00E+00	4.94E-04	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	4.94E-04
65 ALL	747734.2	4350321	NonCancerAcute	4.24E-06	4.37E-04	1.92E-04	0.00E+00	7.88E-08	1.85E-04	4.85E-04	0.00E+00	4.93E-04	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	4.93E-04
14 ALL	747434.2	4349921	NonCancerAcute	4.19E-06	4.32E-04	1.89E-04	0.00E+00	7.78E-08	1.82E-04	4.79E-04	0.00E+00	4.86E-04	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	4.86E-04
27 ALL	747534.2	4350021	NonCancerAcute	4.18E-06	4.31E-04	1.89E-04	0.00E+00	7.76E-08	1.82E-04	4.78E-04	0.00E+00	4.85E-04	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	4.85E-04
13 ALL	747334.2	4349921	NonCancerAcute	4.12E-06	4.25E-04	1.87E-04	0.00E+00	7.66E-08	1.80E-04	4.71E-04	0.00E+00	4.79E-04	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	4.79E-04
98 ALL	747434.2	4350621	NonCancerAcute	4.12E-06	4.25E-04	1.86E-04	0.00E+00	7.66E-08	1.80E-04	4.71E-04	0.00E+00	4.79E-04	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	4.79E-04
86 ALL	747434.2	4350521	NonCancerAcute	4.09E-06	4.22E-04	1.85E-04	0.00E+00	7.61E-08	1.78E-04	4.68E-04	0.00E+00	4.76E-04	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	4.76E-04
1 ALL	747334.2	4349821	NonCancerAcute	4.08E-06	4.21E-04	1.85E-04	0.00E+00	7.58E-08	1.78E-04	4.66E-04	0.00E+00	4.74E-04	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	4.74E-04
6 ALL	747834.2	4349821	NonCancerAcute	4.06E-06	4.18E-04	1.84E-04	0.00E+00	7.54E-08	1.77E-04	4.64E-04	0.00E+00	4.71E-04	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	4.71E-04
25 ALL	747334.2	4350021	NonCancerAcute	4.05E-06	4.17E-04	1.83E-04	0.00E+00	7.52E-08	1.76E-04	4.62E-04	0.00E+00	4.70E-04	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	4.70E-04
66 ALL	747834.2	4350321	NonCancerAcute	4.03E-06	4.16E-04	1.82E-04	0.00E+00	7.49E-08	1.76E-04	4.61E-04	0.00E+00	4.68E-04	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	4.68E-04
40 ALL	747634.2	4350121	NonCancerAcute	4.02E-06	4.15E-04	1.82E-04	0.00E+00	7.47E-08	1.75E-04	4.60E-04	0.00E+00	4.67E-04	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	4.67E-04
62 ALL	747434.2	4350321	NonCancerAcute	4.00E-06	4.13E-04	1.81E-04	0.00E+00	7.43E-08	1.74E-04	4.57E-04	0.00E+00	4.65E-04	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	4.65E-04
35 ALL	748334.2	4350021	NonCancerAcute	3.98E-06	4.11E-04	1.80E-04	0.00E+00	7.40E-08	1.74E-04	4.55E-04	0.00E+00	4.62E-04	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	4.62E-04
2 ALL	747434.2	4349821	NonCancerAcute	3.93E-06	4.05E-04	1.78E-04	0.00E+00	7.30E-08	1.71E-04	4.49E-04	0.00E+00	4.57E-04	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	4.57E-04
22 ALL	748234.2	4349921	NonCancerAcute	3.93E-06	4.05E-04	1.78E-04	0.00E+00	7.29E-08	1.71E-04	4.49E-04	0.00E+00	4.56E-04	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	4.56E-04
8 ALL	748034.2	4349821	NonCancerAcute	3.84E-06	3.96E-04	1.74E-04	0.00E+00	7.13E-08	1.67E-04	4.39E-04	0.00E+00	4.46E-04	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	4.46E-04
37 ALL	747334.2	4350121	NonCancerAcute	3.84E-06	3.95E-04	1.73E-04	0.00E+00	7.12E-08	1.67E-04	4.38E-04	0.00E+00	4.45E-04	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	4.45E-04
9 ALL	748134.2	4349821	NonCancerAcute	3.83E-06	3.95E-04	1.73E-04	0.00E+00	7.11E-08	1.67E-04	4.37E-04	0.00E+00	4.45E-04	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	4.45E-04
53 ALL	747734																	

97 ALL	747334.2	4350621	NonCancerAcute	3.73E-06	3.85E-04	1.69E-04	0.00E+00	6.93E-08	1.63E-04	4.26E-04	0.00E+00	4.33E-04	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	4.33E-04
29 ALL	747734.2	4350021	NonCancerAcute	3.70E-06	3.81E-04	1.67E-04	0.00E+00	6.87E-08	1.61E-04	4.23E-04	0.00E+00	4.30E-04	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	4.30E-04
17 ALL	747734.2	4349921	NonCancerAcute	3.68E-06	3.79E-04	1.66E-04	0.00E+00	6.83E-08	1.60E-04	4.20E-04	0.00E+00	4.27E-04	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	4.27E-04
36 ALL	748434.2	4350021	NonCancerAcute	3.63E-06	3.74E-04	1.64E-04	0.00E+00	6.74E-08	1.58E-04	4.14E-04	0.00E+00	4.21E-04	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	4.21E-04
23 ALL	748334.2	4349921	NonCancerAcute	3.57E-06	3.69E-04	1.62E-04	0.00E+00	6.64E-08	1.56E-04	4.08E-04	0.00E+00	4.15E-04	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	4.15E-04
28 ALL	747634.2	4350021	NonCancerAcute	3.56E-06	3.67E-04	1.61E-04	0.00E+00	6.61E-08	1.55E-04	4.07E-04	0.00E+00	4.13E-04	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	4.13E-04
41 ALL	747734.2	4350121	NonCancerAcute	3.51E-06	3.62E-04	1.59E-04	0.00E+00	6.53E-08	1.53E-04	4.02E-04	0.00E+00	4.08E-04	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	4.08E-04
49 ALL	747334.2	4350221	NonCancerAcute	3.49E-06	3.60E-04	1.58E-04	0.00E+00	6.48E-08	1.52E-04	3.99E-04	0.00E+00	4.05E-04	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	4.05E-04
7 ALL	747934.2	4349821	NonCancerAcute	3.47E-06	3.58E-04	1.57E-04	0.00E+00	6.45E-08	1.51E-04	3.97E-04	0.00E+00	4.03E-04	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	4.03E-04
5 ALL	747734.2	4349821	NonCancerAcute	3.43E-06	3.53E-04	1.55E-04	0.00E+00	6.37E-08	1.49E-04	3.92E-04	0.00E+00	3.98E-04	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	3.98E-04
3 ALL	747534.2	4349821	NonCancerAcute	3.41E-06	3.51E-04	1.54E-04	0.00E+00	6.33E-08	1.48E-04	3.89E-04	0.00E+00	3.96E-04	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	3.96E-04
85 ALL	747334.2	4350521	NonCancerAcute	3.39E-06	3.50E-04	1.53E-04	0.00E+00	6.30E-08	1.48E-04	3.87E-04	0.00E+00	3.94E-04	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	3.94E-04
73 ALL	747334.2	4350421	NonCancerAcute	3.28E-06	3.39E-04	1.48E-04	0.00E+00	6.10E-08	1.43E-04	3.75E-04	0.00E+00	3.81E-04	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	3.81E-04
10 ALL	748234.2	4349821	NonCancerAcute	3.27E-06	3.37E-04	1.48E-04	0.00E+00	6.08E-08	1.43E-04	3.74E-04	0.00E+00	3.80E-04	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	3.80E-04
61 ALL	747334.2	4350321	NonCancerAcute	3.26E-06	3.36E-04	1.47E-04	0.00E+00	6.05E-08	1.42E-04	3.72E-04	0.00E+00	3.79E-04	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	3.79E-04
11 ALL	748334.2	4349821	NonCancerAcute	3.22E-06	3.32E-04	1.46E-04	0.00E+00	5.99E-08	1.40E-04	3.68E-04	0.00E+00	3.74E-04	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	3.74E-04
16 ALL	747634.2	4349921	NonCancerAcute	3.19E-06	3.29E-04	1.44E-04	0.00E+00	5.92E-08	1.39E-04	3.64E-04	0.00E+00	3.70E-04	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	3.70E-04
4 ALL	747634.2	4349821	NonCancerAcute	3.14E-06	3.24E-04	1.42E-04	0.00E+00	5.84E-08	1.37E-04	3.59E-04	0.00E+00	3.65E-04	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	3.65E-04
24 ALL	748434.2	4349921	NonCancerAcute	3.11E-06	3.21E-04	1.41E-04	0.00E+00	5.78E-08	1.36E-04	3.56E-04	0.00E+00	3.61E-04	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	3.61E-04
12 ALL	748434.2	4349821	NonCancerAcute	2.81E-06	2.89E-04	1.27E-04	0.00E+00	5.21E-08	1.22E-04	3.21E-04	0.00E+00	3.26E-04	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	3.26E-04

NCS Wood Energy Boiler Operation - Residential Cancer Risk

*HARP - HRCalc v22118 2/9/2023 9:32:14 AM - Cancer Risk - Sorted Max to Min

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
562	ALL		748591.1	4352251	5.11E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.29E-06	8.68E-07	4.02E-08	9.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
560	ALL		748584.5	4352211	4.95E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.19E-06	8.41E-07	3.89E-08	8.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
564	ALL		748616.6	4352277	3.68E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.37E-06	6.25E-07	2.89E-08	6.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
566	ALL		748642.2	4352388	3.24E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.09E-06	5.51E-07	2.55E-08	5.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
570	ALL		748392.7	4352235	3.18E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.05E-06	5.41E-07	2.50E-08	5.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
561	ALL		748617.6	4352190	2.60E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.68E-06	4.43E-07	2.05E-08	4.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL		748653.2	4352332	2.53E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.63E-06	4.31E-07	1.99E-08	4.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL		748634.2	4352221	2.33E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.50E-06	3.96E-07	1.83E-08	4.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL		748334.2	4351721	2.24E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.44E-06	3.80E-07	1.76E-08	3.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
571	ALL		748369.1	4352212	2.17E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.40E-06	3.69E-07	1.71E-08	3.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL		748643.1	4352725	2.01E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.29E-06	3.41E-07	1.58E-08	3.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL		748634.2	4352821	1.99E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.28E-06	3.38E-07	1.56E-08	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL		748634.2	4352921	1.98E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.28E-06	3.37E-07	1.56E-08	3.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL		748634.2	4353021	1.96E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.26E-06	3.33E-07	1.54E-08	3.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL		748634.2	4353121	1.91E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.23E-06	3.25E-07	1.50E-08	3.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		748634.2	4353221	1.84E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.19E-06	3.13E-07	1.45E-08	3.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	ALL		748734.2	4353221	1.83E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.18E-06	3.11E-07	1.44E-08	3.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	ALL		748734.2	4353321	1.82E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.17E-06	3.09E-07	1.43E-08	3.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL		748734.2	4353121	1.80E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.16E-06	3.06E-07	1.41E-08	3.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521	ALL		748734.2	4353421	1.78E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.15E-06	3.03E-07	1.40E-08	3.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL		748534.2	4352921	1.76E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.13E-06	2.99E-07	1.38E-08	3.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	ALL		748634.2	4353321	1.75E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.13E-06	2.97E-07	1.37E-08	3.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	ALL		748734.2	4353021	1.73E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.11E-06	2.94E-07	1.36E-08	3.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	ALL		748734.2	4353521	1.72E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.11E-06	2.93E-07	1.36E-08	3.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
595	ALL		748318.6	4351677	1.72E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.11E-06	2.93E-07	1.35E-08	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
588	ALL		748469.8	4351799	1.67E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.08E-06	2.84E-07	1.32E-08	2.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
539	ALL		748734.2	4353621	1.65E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.07E-06	2.81E-07	1.30E-08	2.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	ALL		748634.2	4353421	1.65E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.06E-06	2.80E-07	1.30E-08	2.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL		748534.2	4353021	1.64E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.06E-06	2.79E-07	1.29E-08	2.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL		748834.2	4353521	1.63E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.05E-06	2.76E-07	1.28E-08	2.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
455	ALL		748734.2	4352921	1.62E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.04E-06	2.76E-07	1.27E-08	2.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	ALL		748834.2	4353621	1.61E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.04E-06	2.74E-07	1.27E-08	2.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522	ALL		748834.2	4353421	1.61E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.04E-06	2.74E-07	1.27E-08	2.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549	ALL		748834.2	4353721	1.58E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.02E-06	2.69E-07	1.25E-08	2.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548	ALL		748734.2	4353721	1.57E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.01E-06	2.68E-07	1.24E-08	2.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
563	ALL		748669.6	4352216	1.57E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.01E-06	2.67E-07	1.24E-08	2.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513	ALL		748834.2	4353321	1.57E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.01E-06	2.67E-07	1.24E-08	2.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	ALL		748634.2	4353521	1.55E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.98E-07	2.63E-07	1.22E-08	2.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
558	ALL		748834.2	4353821	1.54E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.93E-07	2.62E-07	1.21E-08	2.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL		748534.2	4353121	1.54E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.90E-07	2.61E-07	1.21E-08	2.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL		748734.2	4352821	1.51E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.71E-07	2.56E-07	1.18E-08	2.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	ALL		748834.2	4353221	1.50E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.66E-07	2.55E-07	1.18E-08	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
557	ALL		748734.2	4353821	1.49E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.62E-07	2.54E-07	1.17E-08	2.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	ALL		748634.2	4353621	1.45E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.33E-07	2.46E-07	1.14E-08	2.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
597	ALL		748321.5	4351643	1.44E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.30E-07	2.45E-07	1.13E-08	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
496	ALL		748534.2	4353221	1.43E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.23E-07	2.44E-07	1.13E-08	2.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL		748734.2	4352721	1.43E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.19E-07	2.42E-07	1.12E-08	2.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
559	ALL		748934.2	4353821	1.42E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.16E-07	2.42E-07	1.12E-08	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550	ALL		748934.2	4353721	1.42E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.13E-07	2.41E-07	1.11E-08	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL		748734.2	4352621	1.42E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.13E-07	2.41E-07	1.11E-08	2.52E-07	0.00E+00	0.00E+00	0.00					

398	ALL	748734.2	4352521	1.38E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	8.90E-07	2.35E-07	1.09E-08	2.46E-07	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
532	ALL	748934.2	4353521	1.36E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	8.75E-07	2.31E-07	1.07E-08	2.42E-07	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
547	ALL	748634.2	4353721	1.35E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	8.72E-07	2.30E-07	1.06E-08	2.41E-07	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
235	ALL	748334.2	4351621	1.34E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	8.64E-07	2.28E-07	1.05E-08	2.39E-07	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
510	ALL	748534.2	4353321	1.33E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	8.59E-07	2.27E-07	1.05E-08	2.37E-07	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
523	ALL	748934.2	4353421	1.30E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	8.38E-07	2.21E-07	1.02E-08	2.31E-07	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
471	ALL	748834.2	4353021	1.27E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	8.20E-07	2.16E-07	1.00E-08	2.26E-07	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
556	ALL	748634.2	4353821	1.26E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	8.14E-07	2.15E-07	9.93E-09	2.25E-07	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
519	ALL	748534.2	4353421	1.24E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	7.99E-07	2.11E-07	9.75E-09	2.21E-07	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
585	ALL	748500.4	4351912	1.23E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	7.91E-07	2.09E-07	9.65E-09	2.18E-07	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
514	ALL	748934.2	4353321	1.22E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	7.86E-07	2.07E-07	9.59E-09	2.17E-07	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
586	ALL	748500.4	4351883	1.21E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	7.77E-07	2.05E-07	9.48E-09	2.15E-07	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
452	ALL	748434.2	4352921	1.20E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	7.73E-07	2.04E-07	9.43E-09	2.13E-07	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
281	ALL	748549.9	4351948	1.19E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	7.65E-07	2.02E-07	9.33E-09	2.11E-07	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
381	ALL	748734.2	4352421	1.18E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	7.63E-07	2.01E-07	9.31E-09	2.11E-07	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
528	ALL	748534.2	4353521	1.15E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	7.43E-07	1.96E-07	9.06E-09	2.05E-07	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
456	ALL	748834.2	4352921	1.14E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	7.33E-07	1.93E-07	8.95E-09	2.02E-07	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
598	ALL	748344.1	4351585	1.13E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	7.25E-07	1.91E-07	8.85E-09	2.00E-07	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
344	ALL	748334.2	4352221	1.12E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	7.25E-07	1.91E-07	8.84E-09	2.00E-07	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
500	ALL	748934.2	4353221	1.12E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	7.22E-07	1.91E-07	8.81E-09	1.99E-07	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
592	ALL	748541.6	4351866	1.10E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	7.10E-07	1.87E-07	8.67E-09	1.96E-07	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
537	ALL	748534.2	4353621	1.07E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	6.91E-07	1.82E-07	8.43E-09	1.91E-07	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
366	ALL	748734.2	4352321	1.04E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	6.69E-07	1.76E-07	8.16E-09	1.85E-07	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
583	ALL	748286.8	4351937	1.03E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	6.62E-07	1.75E-07	8.08E-09	1.83E-07	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
441	ALL	748834.2	4352821	1.01E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	6.52E-07	1.72E-07	7.95E-09	1.80E-07	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
486	ALL	748934.2	4353121	1.01E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	6.51E-07	1.72E-07	7.94E-09	1.80E-07	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
467	ALL	748434.2	4353021	1.00E-06	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	6.46E-07	1.70E-07	7.88E-09	1.78E-07	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
546	ALL	748534.2	4353721	9.98E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	6.43E-07	1.70E-07	7.85E-09	1.78E-07	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
589	ALL	748499.1	4351779	9.74E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	6.27E-07	1.65E-07	7.65E-09	1.73E-07	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
599	ALL	748347.9	4351552	9.47E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	6.10E-07	1.61E-07	7.44E-09	1.68E-07	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
590	ALL	748495.3	4351718	9.38E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	6.04E-07	1.59E-07	7.37E-09	1.67E-07	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
481	ALL	748434.2	4353121	9.36E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	6.03E-07	1.59E-07	7.36E-09	1.66E-07	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
567	ALL	748768.8	4352460	9.31E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	6.00E-07	1.58E-07	7.32E-09	1.66E-07	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
555	ALL	748534.2	4353821	9.30E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	5.99E-07	1.58E-07	7.31E-09	1.66E-07	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
266	ALL	748534.2	4351821	9.15E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	5.90E-07	1.56E-07	7.19E-09	1.63E-07	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
428	ALL	748834.2	4352721	8.97E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	5.78E-07	1.53E-07	7.06E-09	1.60E-07	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
472	ALL	748934.2	4353021	8.94E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	5.76E-07	1.52E-07	7.03E-09	1.59E-07	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
495	ALL	748434.2	4353221	8.78E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	5.66E-07	1.49E-07	6.91E-09	1.56E-07	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
346	ALL	748734.2	4352221	8.77E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	5.65E-07	1.49E-07	6.89E-09	1.56E-07	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
591	ALL	748507.6	4351745	8.66E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	5.58E-07	1.47E-07	6.81E-09	1.54E-07	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
413	ALL	748334.2	4352621	8.29E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	5.34E-07	1.41E-07	6.52E-09	1.47E-07	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
509	ALL	748434.2	4353321	8.26E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	5.32E-07	1.40E-07	6.49E-09	1.47E-07	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
218	ALL	748334.2	4351521	8.09E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	5.21E-07	1.38E-07	6.36E-09	1.44E-07	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
582	ALL	748278.8	4351959	7.97E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	5.14E-07	1.35E-07	6.27E-09	1.42E-07	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
415	ALL	748834.2	4352621	7.80E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	5.02E-07	1.32E-07	6.13E-09	1.39E-07	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
457	ALL	748934.2	4352921	7.78E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	5.01E-07	1.32E-07	6.12E-09	1.38E-07	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
518	ALL	748434.2	4353421	7.77E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	5.01E-07	1.32E-07	6.11E-09	1.38E-07	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
249	ALL	748234.2	4351721	7.72E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	4.97E-07	1.31E-07	6.07E-09	1.37E-07	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
572	ALL	748306.7	4352223	7.35E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	4.74E-07	1.25E-07	5.78E-09	1.31E-07	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
527	ALL	748434.2	4353521	7.32E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	4												

267	ALL	748634.2	4351821	6.55E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	4.22E-07	1.11E-07	5.15E-09	1.17E-07	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
545	ALL	748434.2	4353721	6.50E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	4.19E-07	1.10E-07	5.11E-09	1.16E-07	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
596	ALL	748457.5	4351557	6.49E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	4.18E-07	1.10E-07	5.10E-09	1.15E-07	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
265	ALL	748234.2	4351821	6.44E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	4.15E-07	1.09E-07	5.06E-09	1.14E-07	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
251	ALL	748534.2	4351721	6.27E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	4.04E-07	1.07E-07	4.93E-09	1.12E-07	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
554	ALL	748434.2	4353821	6.14E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.95E-07	1.04E-07	4.82E-09	1.09E-07	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
364	ALL	748316.4	4352318	6.02E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.88E-07	1.02E-07	4.74E-09	1.07E-07	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
204	ALL	748334.2	4351421	5.95E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.83E-07	1.01E-07	4.68E-09	1.06E-07	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
579	ALL	748278.8	4352046	5.91E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.81E-07	1.00E-07	4.65E-09	1.05E-07	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
382	ALL	748834.2	4352421	5.91E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.81E-07	1.00E-07	4.64E-09	1.05E-07	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
574	ALL	748287.6	4352208	5.87E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.78E-07	9.97E-08	4.61E-09	1.04E-07	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
280	ALL	748234.2	4351921	5.81E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.75E-07	9.88E-08	4.57E-09	1.03E-07	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
429	ALL	748934.2	4352721	5.81E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.74E-07	9.87E-08	4.57E-09	1.03E-07	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
594	ALL	748509.5	4351615	5.73E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.69E-07	9.74E-08	4.51E-09	1.02E-07	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
219	ALL	748451.2	4351515	5.69E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.66E-07	9.67E-08	4.47E-09	1.01E-07	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
580	ALL	748269.1	4352021	5.61E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.62E-07	9.54E-08	4.41E-09	9.98E-08	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
575	ALL	748280.4	4352178	5.55E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.58E-07	9.43E-08	4.36E-09	9.88E-08	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
458	ALL	749034.2	4352921	5.49E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.54E-07	9.33E-08	4.31E-09	9.76E-08	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
569	ALL	748804.7	4352254	5.34E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.44E-07	9.07E-08	4.20E-09	9.50E-08	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
466	ALL	748334.2	4353021	5.34E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.44E-07	9.07E-08	4.19E-09	9.49E-08	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
397	ALL	748314.2	4352541	5.23E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.37E-07	8.90E-08	4.12E-09	9.31E-08	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
416	ALL	748934.2	4352621	5.09E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.28E-07	8.64E-08	4.00E-09	9.05E-08	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
480	ALL	748334.2	4353121	5.04E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.25E-07	8.57E-08	3.96E-09	8.97E-08	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
573	ALL	748795.2	4352196	5.03E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.24E-07	8.54E-08	3.95E-09	8.94E-08	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
367	ALL	748834.2	4352321	5.02E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.23E-07	8.53E-08	3.95E-09	8.93E-08	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
443	ALL	749034.2	4352821	4.87E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.13E-07	8.27E-08	3.83E-09	8.66E-08	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
494	ALL	748334.2	4353221	4.85E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.12E-07	8.24E-08	3.81E-09	8.63E-08	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
236	ALL	748534.2	4351621	4.73E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.05E-07	8.04E-08	3.72E-09	8.41E-08	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
508	ALL	748334.2	4353321	4.67E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.01E-07	7.94E-08	3.67E-09	8.31E-08	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
517	ALL	748334.2	4353421	4.50E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.90E-07	7.65E-08	3.54E-09	8.01E-08	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
252	ALL	748634.2	4351721	4.47E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.88E-07	7.60E-08	3.52E-09	7.96E-08	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
400	ALL	748934.2	4352521	4.38E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.82E-07	7.45E-08	3.45E-09	7.80E-08	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
430	ALL	749034.2	4352721	4.35E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.81E-07	7.40E-08	3.42E-09	7.75E-08	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
526	ALL	748334.2	4353521	4.34E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.79E-07	7.37E-08	3.41E-09	7.72E-08	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
203	ALL	748234.2	4351421	4.25E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.74E-07	7.22E-08	3.34E-09	7.56E-08	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
576	ALL	748261.1	4352146	4.21E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.71E-07	7.16E-08	3.31E-09	7.49E-08	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
568	ALL	748812.2	4352155	4.20E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.70E-07	7.13E-08	3.30E-09	7.47E-08	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
535	ALL	748334.2	4353621	4.18E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.69E-07	7.10E-08	3.28E-09	7.43E-08	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
621	ALL	748225.8	4351411	4.06E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.62E-07	6.90E-08	3.19E-09	7.23E-08	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
544	ALL	748334.2	4353721	4.02E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.59E-07	6.83E-08	3.16E-09	7.15E-08	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
347	ALL	748834.2	4352221	3.98E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.57E-07	6.77E-08	3.13E-09	7.09E-08	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
301	ALL	748234.2	4352021	3.95E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.55E-07	6.72E-08	3.11E-09	7.03E-08	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
424	ALL	748234.2	4352721	3.95E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.54E-07	6.70E-08	3.10E-09	7.02E-08	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
553	ALL	748334.2	4353821	3.87E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.49E-07	6.57E-08	3.04E-09	6.88E-08	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
412	ALL	748234.2	4352621	3.86E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.49E-07	6.56E-08	3.03E-09	6.87E-08	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
417	ALL	749034.2	4352621	3.78E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.43E-07	6.42E-08	2.97E-09	6.72E-08	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
220	ALL	748534.2	4351521	3.76E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.42E-07	6.39E-08	2.96E-09	6.69E-08	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
578	ALL	748241.8	4352073	3.76E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.42E-07	6.39E-08	2.96E-09	6.69E-08	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
190	ALL	748334.2	4351321	3.70E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.38E-07	6.29E-08	2.91E-09	6.58E-08	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
191	ALL	748434.2	4351321	3.70E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2												

401 ALL	749034.2	4352521	3.08E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.99E-07	5.24E-08	2.42E-09	5.48E-08	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
189 ALL	748234.2	4351321	3.05E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.96E-07	5.18E-08	2.40E-09	5.42E-08	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
248 ALL	748134.2	4351721	3.05E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.96E-07	5.18E-08	2.40E-09	5.42E-08	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
479 ALL	748234.2	4353121	2.99E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.92E-07	5.08E-08	2.35E-09	5.31E-08	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
343 ALL	748234.2	4352221	2.95E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.90E-07	5.01E-08	2.32E-09	5.24E-08	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
493 ALL	748234.2	4353221	2.91E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.87E-07	4.94E-08	2.28E-09	5.17E-08	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
618 ALL	748210.5	4351328	2.88E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.85E-07	4.89E-08	2.26E-09	5.11E-08	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
264 ALL	748134.2	4351821	2.84E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.83E-07	4.83E-08	2.24E-09	5.06E-08	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
507 ALL	748234.2	4353321	2.83E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.82E-07	4.81E-08	2.22E-09	5.03E-08	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
615 ALL	748380.5	4351293	2.78E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.79E-07	4.73E-08	2.19E-09	4.95E-08	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
516 ALL	748234.2	4353421	2.77E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.78E-07	4.71E-08	2.18E-09	4.93E-08	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
525 ALL	748234.2	4353521	2.71E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.75E-07	4.61E-08	2.13E-09	4.82E-08	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
363 ALL	748234.2	4352321	2.70E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.74E-07	4.58E-08	2.12E-09	4.80E-08	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
368 ALL	748934.2	4352321	2.69E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.73E-07	4.57E-08	2.12E-09	4.79E-08	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
534 ALL	748234.2	4353621	2.65E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.71E-07	4.51E-08	2.08E-09	4.72E-08	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
543 ALL	748234.2	4353721	2.59E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.67E-07	4.40E-08	2.04E-09	4.61E-08	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
616 ALL	748365.4	4351278	2.56E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.65E-07	4.35E-08	2.01E-09	4.55E-08	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
600 ALL	748108.9	4351573	2.53E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.63E-07	4.31E-08	1.99E-09	4.51E-08	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
552 ALL	748234.2	4353821	2.53E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.63E-07	4.30E-08	1.99E-09	4.50E-08	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
279 ALL	748134.2	4351921	2.51E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.62E-07	4.27E-08	1.97E-09	4.47E-08	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
396 ALL	748234.2	4352521	2.47E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.59E-07	4.19E-08	1.94E-09	4.39E-08	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
436 ALL	748134.2	4352821	2.45E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.58E-07	4.17E-08	1.93E-09	4.37E-08	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
216 ALL	748103	4351532	2.43E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.57E-07	4.13E-08	1.91E-09	4.33E-08	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
423 ALL	748134.2	4352721	2.38E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.53E-07	4.05E-08	1.87E-09	4.24E-08	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
619 ALL	748216.8	4351289	2.38E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.53E-07	4.04E-08	1.87E-09	4.23E-08	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
384 ALL	749034.2	4352421	2.33E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.50E-07	3.96E-08	1.83E-09	4.14E-08	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
613 ALL	748470.4	4351237	2.32E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.49E-07	3.94E-08	1.82E-09	4.13E-08	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
607 ALL	748307.4	4351258	2.27E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.46E-07	3.86E-08	1.78E-09	4.04E-08	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
402 ALL	749134.2	4352521	2.26E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.46E-07	3.84E-08	1.78E-09	4.02E-08	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
411 ALL	748134.2	4352621	2.26E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.45E-07	3.84E-08	1.78E-09	4.02E-08	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
449 ALL	748134.2	4352921	2.22E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.43E-07	3.78E-08	1.75E-09	3.96E-08	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
217 ALL	748083	4351484	2.14E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.38E-07	3.63E-08	1.68E-09	3.80E-08	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
348 ALL	748934.2	4352221	2.11E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.36E-07	3.59E-08	1.66E-09	3.76E-08	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
180 ALL	748634.2	4351221	2.08E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.34E-07	3.54E-08	1.64E-09	3.70E-08	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
221 ALL	748634.2	4351521	2.08E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.34E-07	3.54E-08	1.64E-09	3.70E-08	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
614 ALL	748419.4	4351231	2.07E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.33E-07	3.52E-08	1.63E-09	3.68E-08	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
464 ALL	748134.2	4353021	2.07E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.33E-07	3.51E-08	1.62E-09	3.68E-08	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
478 ALL	748134.2	4353121	2.02E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.30E-07	3.43E-08	1.58E-09	3.59E-08	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
362 ALL	748134.2	4352321	2.01E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.29E-07	3.41E-08	1.58E-09	3.57E-08	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
179 ALL	748434.2	4351221	1.99E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.28E-07	3.38E-08	1.56E-09	3.54E-08	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
492 ALL	748134.2	4353221	1.98E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.28E-07	3.37E-08	1.56E-09	3.52E-08	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
300 ALL	748134.2	4352021	1.96E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.26E-07	3.32E-08	1.54E-09	3.48E-08	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
506 ALL	748134.2	4353321	1.94E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.25E-07	3.30E-08	1.53E-09	3.45E-08	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
342 ALL	748134.2	4352221	1.92E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.24E-07	3.27E-08	1.51E-09	3.42E-08	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
233 ALL	748073.7	4351672	1.92E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.23E-07	3.26E-08	1.51E-09	3.41E-08	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
515 ALL	748134.2	4353421	1.91E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.23E-07	3.25E-08	1.50E-09	3.40E-08	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
323 ALL	748934.2	4352121	1.89E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.22E-07	3.22E-08	1.49E-09	3.37E-08	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
608 ALL	748368.9	4351208	1.89E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.22E-07	3.21E-08	1.49E-09	3.36E-08	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
524 ALL	748134.2	4353521	1.89E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.22E-07	3.21E-08	1.48E-09	3.36E-08	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
328 ALL	749434.2	4352121	1.88E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.21E-07	3.19E-08	1.48E-09	3.34E-08	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
533 ALL	748134.2	4353621	1.86E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.20E-07</												

385	ALL	749134.2	4352421	1.68E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.08E-07	2.86E-08	1.32E-09	2.99E-08	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
369	ALL	749034.2	4352321	1.68E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.08E-07	2.86E-08	1.32E-09	2.99E-08	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
305	ALL	749334.2	4352021	1.68E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.08E-07	2.85E-08	1.32E-09	2.99E-08	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
178	ALL	748234.2	4351221	1.67E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.08E-07	2.84E-08	1.31E-09	2.97E-08	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
609	ALL	748336.4	4351195	1.65E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.06E-07	2.81E-08	1.30E-09	2.94E-08	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
202	ALL	748034.2	4351421	1.61E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.04E-07	2.73E-08	1.26E-09	2.86E-08	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
215	ALL	748034.2	4351521	1.60E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.03E-07	2.73E-08	1.26E-09	2.85E-08	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
612	ALL	748464.6	4351182	1.60E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.03E-07	2.71E-08	1.25E-09	2.84E-08	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
601	ALL	748036.2	4351388	1.58E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.02E-07	2.69E-08	1.25E-09	2.82E-08	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
177	ALL	748134.2	4351221	1.54E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.92E-08	2.62E-08	1.21E-09	2.74E-08	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
263	ALL	748034.2	4351821	1.54E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.91E-08	2.61E-08	1.21E-09	2.74E-08	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
602	ALL	748033.3	4351360	1.53E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.85E-08	2.60E-08	1.20E-09	2.72E-08	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
232	ALL	748034.2	4351621	1.52E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.78E-08	2.58E-08	1.19E-09	2.70E-08	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
603	ALL	748055.1	4351291	1.51E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.72E-08	2.56E-08	1.19E-09	2.68E-08	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
422	ALL	748034.2	4352721	1.51E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.71E-08	2.56E-08	1.18E-09	2.68E-08	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
285	ALL	749334.2	4351921	1.50E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.67E-08	2.55E-08	1.18E-09	2.67E-08	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
605	ALL	748083.4	4351245	1.49E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.62E-08	2.54E-08	1.17E-09	2.66E-08	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
604	ALL	748064.5	4351269	1.49E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.62E-08	2.54E-08	1.17E-09	2.66E-08	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
247	ALL	748034.2	4351721	1.48E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.56E-08	2.52E-08	1.17E-09	2.64E-08	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
188	ALL	748034.2	4351321	1.47E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.49E-08	2.50E-08	1.16E-09	2.62E-08	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
353	ALL	749434.2	4352221	1.46E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.41E-08	2.48E-08	1.15E-09	2.60E-08	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
463	ALL	748034.2	4353021	1.45E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.33E-08	2.46E-08	1.14E-09	2.58E-08	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
448	ALL	748034.2	4352921	1.45E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.33E-08	2.46E-08	1.14E-09	2.58E-08	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
477	ALL	748034.2	4353121	1.44E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.27E-08	2.44E-08	1.13E-09	2.56E-08	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
404	ALL	749334.2	4352521	1.44E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.26E-08	2.44E-08	1.13E-09	2.56E-08	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
491	ALL	748034.2	4353221	1.44E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.26E-08	2.44E-08	1.13E-09	2.56E-08	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
606	ALL	748090	4351220	1.44E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.26E-08	2.44E-08	1.13E-09	2.56E-08	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
505	ALL	748034.2	4353321	1.43E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.21E-08	2.43E-08	1.12E-09	2.54E-08	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
278	ALL	748034.2	4351921	1.41E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.08E-08	2.39E-08	1.11E-09	2.51E-08	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
405	ALL	749434.2	4352521	1.41E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.07E-08	2.39E-08	1.11E-09	2.51E-08	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
406	ALL	749534.2	4352521	1.37E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	8.84E-08	2.33E-08	1.08E-09	2.44E-08	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
361	ALL	748034.2	4352321	1.35E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	8.69E-08	2.29E-08	1.06E-09	2.40E-08	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
386	ALL	749234.2	4352421	1.34E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	8.60E-08	2.27E-08	1.05E-09	2.38E-08	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
168	ALL	748634.2	4351121	1.30E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	8.37E-08	2.21E-08	1.02E-09	2.31E-08	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
341	ALL	748034.2	4352221	1.30E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	8.37E-08	2.21E-08	1.02E-09	2.31E-08	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
374	ALL	749534.2	4352321	1.28E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	8.27E-08	2.18E-08	1.01E-09	2.28E-08	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
176	ALL	748034.2	4351221	1.28E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	8.22E-08	2.17E-08	1.00E-09	2.27E-08	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
349	ALL	749034.2	4352221	1.27E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	8.19E-08	2.16E-08	9.99E-10	2.26E-08	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
330	ALL	749634.2	4352121	1.26E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	8.13E-08	2.14E-08	9.92E-10	2.25E-08	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
166	ALL	748434.2	4351121	1.26E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	8.12E-08	2.14E-08	9.91E-10	2.24E-08	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
395	ALL	748134.2	4352521	1.23E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	7.91E-08	2.09E-08	9.65E-10	2.18E-08	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
373	ALL	749434.2	4352321	1.22E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	7.88E-08	2.08E-08	9.62E-10	2.18E-08	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
370	ALL	749134.2	4352321	1.22E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	7.85E-08	2.07E-08	9.58E-10	2.17E-08	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
302	ALL	749034.2	4352021	1.17E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	7.51E-08	1.98E-08	9.17E-10	2.07E-08	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
167	ALL	748534.2	4351121	1.16E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	7.49E-08	1.98E-08	9.14E-10	2.07E-08	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
388	ALL	749434.2	4352421	1.16E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	7.47E-08	1.97E-08	9.12E-10	2.06E-08	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
282	ALL	749034.2	4351921	1.14E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	7.38E-08	1.95E-08	9.00E-10	2.04E-08	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.	

462	ALL	747934.2	4353021	1.05E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	6.76E-08	1.78E-08	8.24E-10	1.87E-08	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
389	ALL	749534.2	4352421	1.04E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	6.69E-08	1.76E-08	8.16E-10	1.85E-08	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
284	ALL	749234.2	4351921	1.04E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	6.68E-08	1.76E-08	8.15E-10	1.84E-08	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
447	ALL	747934.2	4352921	1.02E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	6.58E-08	1.74E-08	8.03E-10	1.82E-08	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
165	ALL	748334.2	4351121	1.02E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	6.56E-08	1.73E-08	8.01E-10	1.81E-08	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
421	ALL	747934.2	4352721	1.02E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	6.56E-08	1.73E-08	8.01E-10	1.81E-08	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
355	ALL	749634.2	4352221	1.00E-07	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	6.44E-08	1.70E-08	7.86E-10	1.78E-08	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
201	ALL	747934.2	4351421	9.98E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	6.43E-08	1.70E-08	7.84E-10	1.77E-08	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
371	ALL	749234.2	4352321	9.95E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	6.41E-08	1.69E-08	7.82E-10	1.77E-08	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
187	ALL	747934.2	4351321	9.90E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	6.38E-08	1.68E-08	7.78E-10	1.76E-08	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
214	ALL	747934.2	4351521	9.58E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	6.17E-08	1.63E-08	7.53E-10	1.70E-08	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
390	ALL	749634.2	4352421	9.57E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	6.16E-08	1.63E-08	7.52E-10	1.70E-08	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
340	ALL	747934.2	4352221	9.51E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	6.13E-08	1.62E-08	7.48E-10	1.69E-08	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
175	ALL	747934.2	4351221	9.41E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	6.06E-08	1.60E-08	7.40E-10	1.67E-08	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
350	ALL	749134.2	4352221	9.20E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	5.93E-08	1.56E-08	7.23E-10	1.64E-08	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
231	ALL	747934.2	4351621	9.17E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	5.91E-08	1.56E-08	7.21E-10	1.63E-08	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
372	ALL	749334.2	4352321	9.15E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70</													

242	ALL	747834.2	4351121	6.44E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	4.15E-08	1.09E-08	5.06E-10	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL	747834.2	4351721	6.32E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	4.07E-08	1.07E-08	4.97E-10	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL	747834.2	4351521	6.29E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	4.05E-08	1.07E-08	4.95E-10	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL	747834.2	4351821	6.27E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	4.04E-08	1.07E-08	4.93E-10	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL	747734.2	4353121	6.23E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	4.01E-08	1.06E-08	4.90E-10	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL	748434.2	4351021	6.22E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	4.01E-08	1.06E-08	4.89E-10	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL	747834.2	4351621	6.21E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	4.00E-08	1.06E-08	4.89E-10	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL	748334.2	4350921	6.04E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.89E-08	1.03E-08	4.75E-10	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL	747834.2	4351021	6.01E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.87E-08	1.02E-08	4.73E-10	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL	748034.2	4350821	6.01E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.87E-08	1.02E-08	4.72E-10	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL	748534.2	4351021	5.93E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.82E-08	1.01E-08	4.66E-10	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL	747734.2	4353021	5.89E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.79E-08	1.00E-08	4.63E-10	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	748634.2	4351021	5.88E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.79E-08	9.98E-09	4.62E-10	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL	747934.2	4350821	5.85E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.77E-08	9.94E-09	4.60E-10	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	748134.2	4350821	5.75E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.71E-08	9.78E-09	4.52E-10	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL	747734.2	4352621	5.70E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.67E-08	9.68E-09	4.48E-10	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL	747834.2	4350921	5.66E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.65E-08	9.62E-09	4.45E-10	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL	747734.2	4352721	5.61E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.61E-08	9.53E-09	4.41E-10	9.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL	747834.2	4351921	5.59E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.60E-08	9.50E-09	4.39E-10	9.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL	747734.2	4352921	5.57E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.59E-08	9.47E-09	4.38E-10	9.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL	747734.2	4352521	5.52E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.56E-08	9.39E-09	4.34E-10	9.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL	748234.2	4350821	5.48E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.53E-08	9.31E-09	4.31E-10	9.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	ALL	747634.2	4353321	5.40E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.48E-08	9.17E-09	4.24E-10	9.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL	747734.2	4352821	5.39E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.47E-08	9.15E-09	4.23E-10	9.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL	747834.2	4350821	5.22E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.36E-08	8.87E-09	4.10E-10	9.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
273	ALL	747534.2	4351921	5.21E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.36E-08	8.86E-09	4.10E-10	9.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL	747734.2	4352421	5.15E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.32E-08	8.75E-09	4.05E-10	9.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL	747634.2	4353221	5.13E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.31E-08	8.73E-09	4.04E-10	9.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL	747934.2	4350721	5.10E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.29E-08	8.67E-09	4.01E-10	9.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL	748034.2	4350721	5.06E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.26E-08	8.60E-09	3.98E-10	9.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL	748434.2	4350921	5.00E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.22E-08	8.50E-09	3.93E-10	8.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL	748334.2	4350821	4.95E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.19E-08	8.41E-09	3.89E-10	8.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL	749634.2	4351921	4.94E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.19E-08	8.40E-09	3.89E-10	8.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL	747434.2	4351821	4.90E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.16E-08	8.33E-09	3.85E-10	8.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL	747634.2	4353121	4.87E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.14E-08	8.27E-09	3.83E-10	8.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL	747734.2	4352221	4.86E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.13E-08	8.27E-09	3.82E-10	8.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL	747634.2	4352621	4.85E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.12E-08	8.24E-09	3.81E-10	8.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL	747734.2	4352321	4.83E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.11E-08	8.21E-09	3.80E-10	8.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL	747734.2	4351721	4.83E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.11E-08	8.20E-09	3.79E-10	8.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	748134.2	4350721	4.81E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.10E-08	8.17E-09	3.78E-10	8.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	ALL	747834.2	4352021	4.79E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.09E-08	8.14E-09	3.77E-10	8.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL	747834.2	4352121	4.78E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.08E-08	8.13E-09	3.76E-10	8.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	747834.2	4350721	4.76E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.07E-08	8.09E-09	3.74E-10	8.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL	747634.2	4352221	4.75E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.06E-08	8.07E-09	3.73E-10	8.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL	747734.2	4351121	4.75E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.06E-08	8.07E-09	3.73E-10	8.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL	747734.2	4351821	4.74E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.06E-08	8.06E-09	3.73E-10	8.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	747734.2	4351221	4.73E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.05E-08	8.04E-09	3.72E-10	8.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL	747434.2	4351921	4.70E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.03E-08	7.99E-09	3.69E-10	8.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	747734.2	4351621	4.68E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.01E-08	7.95E-09	3.68E-10	8.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL	747734.2	4351321	4.67E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	3.01E-08	7.93E-09	3.67E-10	8.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL	747634.2	4353021	4.65E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.99E-08	7.90E-09	3.65E-10	8.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL	747634.2	4352521	4.65E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.99E-08	7.90E-09	3.65E-10	8.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19																	

137	ALL	747734.2	4350921	4.52E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.91E-08	7.68E-09	3.55E-10	8.04E-09	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
444	ALL	747634.2	4352921	4.52E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.91E-08	7.67E-09	3.55E-10	8.03E-09	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
418	ALL	747634.2	4352721	4.49E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.89E-08	7.63E-09	3.53E-10	7.99E-09	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
314	ALL	747534.2	4352121	4.48E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.89E-08	7.62E-09	3.53E-10	7.98E-09	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
103	ALL	747934.2	4350621	4.48E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.89E-08	7.61E-09	3.52E-10	7.97E-09	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
431	ALL	747634.2	4352821	4.47E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.88E-08	7.60E-09	3.52E-10	7.96E-09	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
125	ALL	747734.2	4350821	4.35E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.80E-08	7.40E-09	3.42E-10	7.74E-09	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
102	ALL	747834.2	4350621	4.33E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.79E-08	7.36E-09	3.40E-10	7.70E-09	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
104	ALL	748034.2	4350621	4.32E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.78E-08	7.34E-09	3.40E-10	7.69E-09	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
306	ALL	749434.2	4352021	4.32E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.78E-08	7.34E-09	3.39E-10	7.68E-09	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
293	ALL	747434.2	4352021	4.30E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.77E-08	7.31E-09	3.38E-10	7.65E-09	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
275	ALL	747734.2	4351921	4.27E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.75E-08	7.26E-09	3.36E-10	7.60E-09	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
336	ALL	747534.2	4352221	4.27E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.75E-08	7.26E-09	3.36E-10	7.60E-09	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
113	ALL	747734.2	4350721	4.18E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.70E-08	7.11E-09	3.29E-10	7.44E-09	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
240	ALL	747334.2	4351721	4.17E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.69E-08	7.08E-09	3.28E-10	7.42E-09	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
119	ALL	748334.2	4350721	4.17E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.68E-08	7.08E-09	3.27E-10	7.41E-09	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
105	ALL	748134.2	4350621	4.14E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.67E-08	7.04E-09	3.26E-10	7.37E-09	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
313	ALL	747434.2	4352121	4.13E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.66E-08	7.03E-09	3.25E-10	7.36E-09	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
132	ALL	748434.2	4350821	4.11E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.65E-08	6.99E-09	3.23E-10	7.31E-09	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
335	ALL	747434.2	4352221	3.97E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.56E-08	6.74E-09	3.12E-10	7.06E-09	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
101	ALL	747734.2	4350621	3.96E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.55E-08	6.72E-09	3.11E-10	7.04E-09	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
292	ALL	747334.2	4352021	3.94E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.54E-08	6.70E-09	3.10E-10	7.01E-09	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
106	ALL	748234.2	4350621	3.92E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.52E-08	6.66E-09	3.08E-10	6.97E-09	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
91	ALL	747934.2	4350521	3.91E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.52E-08	6.64E-09	3.07E-10	6.95E-09	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
259	ALL	747634.2	4351821	3.90E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.51E-08	6.63E-09	3.07E-10	6.94E-09	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
90	ALL	747834.2	4350521	3.90E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.51E-08	6.62E-09	3.06E-10	6.93E-09	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
356	ALL	747534.2	4352321	3.87E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.49E-08	6.57E-09	3.04E-10	6.88E-09	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
258	ALL	747534.2	4351821	3.86E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.49E-08	6.56E-09	3.04E-10	6.87E-09	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
315	ALL	747634.2	4352121	3.82E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.46E-08	6.50E-09	3.01E-10	6.80E-09	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
243	ALL	747634.2	4351721	3.81E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.45E-08	6.47E-09	2.99E-10	6.77E-09	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
92	ALL	748034.2	4350521	3.79E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.44E-08	6.45E-09	2.98E-10	6.75E-09	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
316	ALL	747734.2	4352121	3.72E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.40E-08	6.32E-09	2.93E-10	6.62E-09	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
357	ALL	747634.2	4352321	3.72E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.40E-08	6.32E-09	2.92E-10	6.62E-09	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
228	ALL	747634.2	4351621	3.72E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.40E-08	6.32E-09	2.92E-10	6.61E-09	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
93	ALL	748134.2	4350521	3.70E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.38E-08	6.28E-09	2.91E-10	6.58E-09	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
274	ALL	747634.2	4351921	3.69E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.38E-08	6.28E-09	2.90E-10	6.57E-09	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
296	ALL	747734.2	4352021	3.67E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.37E-08	6.24E-09	2.89E-10	6.54E-09	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
89	ALL	747734.2	4350521	3.65E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.35E-08	6.20E-09	2.87E-10	6.49E-09	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
211	ALL	747634.2	4351521	3.65E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.35E-08	6.20E-09	2.87E-10	6.49E-09	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
107	ALL	748334.2	4350621	3.61E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.32E-08	6.13E-09	2.84E-10	6.42E-09	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
136	ALL	747634.2	4350921	3.61E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.32E-08	6.13E-09	2.83E-10	6.41E-09	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
124	ALL	747634.2	4350821	3.58E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.31E-08	6.08E-09	2.81E-10	6.37E-09	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
312	ALL	747334.2	4352121	3.57E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.30E-08	6.06E-09	2.80E-10	6.34E-09	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
112	ALL	747634.2	4350721	3.56E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.30E-08	6.06E-09	2.80E-10	6.34E-09	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
148	ALL	747634.2	4351021	3.56E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.29E-08	6.05E-09	2.80E-10	6.33E-09	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
198	ALL	747634.2	4351421	3.56E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.29E-08	6.04E-09	2.80E-10	6.33E-09	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
172	ALL	747634.2	4351221	3.55E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.29E-08	6.03E-09	2.79E-10	6.31E-09	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
160	ALL	747634.2	4351121	3.54E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.28E-08	6.02E-09	2.79E-10	6.30E-09	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
184	ALL	747634.2	4351321	3.54E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.28E-08	6.02E-09	2.78E-10	6.30E-09	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
79	ALL	747934.2	4350421	3.51E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.26E-0												

295	ALL	747634.2	4352021	3.19E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.06E-08	5.43E-09	2.51E-10	5.68E-09	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
242	ALL	747534.2	4351721	3.18E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.05E-08	5.41E-09	2.50E-10	5.66E-09	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
67	ALL	747934.2	4350321	3.18E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.05E-08	5.40E-09	2.50E-10	5.66E-09	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
66	ALL	747834.2	4350321	3.16E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.04E-08	5.37E-09	2.48E-10	5.62E-09	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
68	ALL	748034.2	4350321	3.14E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.02E-08	5.33E-09	2.47E-10	5.58E-09	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
82	ALL	748234.2	4350421	3.11E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.01E-08	5.29E-09	2.45E-10	5.54E-09	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
227	ALL	747534.2	4351621	3.11E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.01E-08	5.29E-09	2.45E-10	5.54E-09	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
95	ALL	748334.2	4350521	3.11E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	2.00E-08	5.29E-09	2.45E-10	5.53E-09	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
65	ALL	747734.2	4350321	3.07E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.98E-08	5.22E-09	2.42E-10	5.47E-09	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
76	ALL	747634.2	4350421	3.06E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.97E-08	5.20E-09	2.41E-10	5.44E-09	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
69	ALL	748134.2	4350321	3.00E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.94E-08	5.11E-09	2.36E-10	5.35E-09	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
123	ALL	747534.2	4350821	3.00E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.94E-08	5.11E-09	2.36E-10	5.34E-09	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
210	ALL	747534.2	4351521	3.00E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.93E-08	5.10E-09	2.36E-10	5.33E-09	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
377	ALL	747634.2	4352421	3.00E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.93E-08	5.10E-09	2.36E-10	5.33E-09	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
135	ALL	747534.2	4350921	2.99E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.92E-08	5.08E-09	2.35E-10	5.31E-09	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
111	ALL	747534.2	4350721	2.98E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.92E-08	5.07E-09	2.35E-10	5.31E-09	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
108	ALL	748434.2	4350621	2.96E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.91E-08	5.04E-09	2.33E-10	5.27E-09	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
54	ALL	747834.2	4350221	2.94E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.90E-08	5.00E-09	2.31E-10	5.23E-09	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
99	ALL	747534.2	4350621	2.92E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.88E-08	4.97E-09	2.30E-10	5.20E-09	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
147	ALL	747534.2	4351021	2.90E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.87E-08	4.92E-09	2.28E-10	5.15E-09	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
241	ALL	747434.2	4351721	2.90E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.87E-08	4.92E-09	2.28E-10	5.15E-09	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
55	ALL	747934.2	4350221	2.89E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.86E-08	4.91E-09	2.27E-10	5.14E-09	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
197	ALL	747534.2	4351421	2.88E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.86E-08	4.90E-09	2.27E-10	5.13E-09	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
53	ALL	747734.2	4350221	2.88E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.86E-08	4.89E-09	2.26E-10	5.12E-09	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
64	ALL	747634.2	4350321	2.87E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.85E-08	4.88E-09	2.26E-10	5.11E-09	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
159	ALL	747534.2	4351121	2.85E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.84E-08	4.84E-09	2.24E-10	5.07E-09	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
239	ALL	746634.2	4351721	2.85E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.83E-08	4.84E-09	2.24E-10	5.06E-09	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
183	ALL	747534.2	4351321	2.83E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.82E-08	4.81E-09	2.23E-10	5.04E-09	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
225	ALL	747334.2	4351621	2.83E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.82E-08	4.80E-09	2.22E-10	5.03E-09	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
171	ALL	747534.2	4351221	2.82E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.81E-08	4.79E-09	2.21E-10	5.01E-09	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
87	ALL	747534.2	4350521	2.80E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.80E-08	4.75E-09	2.20E-10	4.97E-09	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
56	ALL	748034.2	4350221	2.79E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.80E-08	4.75E-09	2.20E-10	4.97E-09	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
226	ALL	747434.2	4351621	2.77E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.79E-08	4.72E-09	2.18E-10	4.94E-09	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
42	ALL	747834.2	4350121	2.74E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.76E-08	4.65E-09	2.15E-10	4.87E-09	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
52	ALL	747634.2	4350221	2.71E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.75E-08	4.61E-09	2.13E-10	4.83E-09	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
70	ALL	748234.2	4350321	2.71E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.75E-08	4.60E-09	2.13E-10	4.82E-09	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
254	ALL	746534.2	4351821	2.70E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.74E-08	4.59E-09	2.13E-10	4.81E-09	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
83	ALL	748334.2	4350421	2.69E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.74E-08	4.58E-09	2.12E-10	4.79E-09	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
41	ALL	747734.2	4350121	2.69E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.73E-08	4.57E-09	2.12E-10	4.79E-09	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
75	ALL	747534.2	4350421	2.69E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.73E-08	4.57E-09	2.11E-10	4.78E-09	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
57	ALL	748134.2	4350221	2.66E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.72E-08	4.53E-09	2.09E-10	4.74E-09	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
43	ALL	747934.2	4350121	2.66E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.71E-08	4.52E-09	2.09E-10	4.73E-09	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
209	ALL	747434.2	4351521	2.61E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.68E-08	4.44E-09	2.05E-10	4.65E-09	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
238	ALL	746534.2	4351721	2.59E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.67E-08	4.41E-09	2.04E-10	4.62E-09	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
255	ALL	746634.2	4351821	2.59E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.67E-08	4.41E-09	2.04E-10	4.61E-09	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
63	ALL	747534.2	4350321	2.56E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.65E-08	4.36E-09	2.02E-10	4.56E-09	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
40	ALL	747634.2	4350121	2.56E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.65E-08	4.35E-09	2.01E-10	4.56E-09	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

376	ALL	747534.2	4352421	2.46E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.59E-08	4.18E-09	1.93E-10	4.38E-09	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
307	ALL	749534.2	4352021	2.45E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.58E-08	4.17E-09	1.93E-10	4.36E-09	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
158	ALL	747434.2	4351121	2.45E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.58E-08	4.16E-09	1.93E-10	4.36E-09	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
182	ALL	747434.2	4351321	2.43E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.57E-08	4.14E-09	1.91E-10	4.33E-09	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
31	ALL	747934.2	4350021	2.43E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.56E-08	4.12E-09	1.91E-10	4.32E-09	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
253	ALL	746434.2	4351821	2.42E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.56E-08	4.12E-09	1.91E-10	4.31E-09	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
28	ALL	747634.2	4350021	2.42E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.56E-08	4.11E-09	1.90E-10	4.30E-09	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
170	ALL	747434.2	4351221	2.41E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.55E-08	4.10E-09	1.90E-10	4.29E-09	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
98	ALL	747434.2	4350621	2.41E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.55E-08	4.10E-09	1.90E-10	4.29E-09	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
270	ALL	746634.2	4351921	2.39E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.54E-08	4.06E-09	1.85E-10	4.25E-09	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
223	ALL	746534.2	4351621	2.38E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.54E-08	4.05E-09	1.87E-10	4.24E-09	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
269	ALL	746534.2	4351921	2.38E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.53E-08	4.04E-09	1.87E-10	4.23E-09	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
208	ALL	747334.2	4351521	2.38E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.53E-08	4.04E-09	1.87E-10	4.23E-09	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
58	ALL	748234.2	4350221	2.37E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.53E-08	4.02E-09	1.86E-10	4.21E-09	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
39	ALL	747534.2	4350121	2.36E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.52E-08	4.02E-09	1.86E-10	4.21E-09	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
86	ALL	747434.2	4350521	2.34E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.51E-08	3.98E-09	1.84E-10	4.17E-09	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
71	ALL	748334.2	4350321	2.34E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.50E-08	3.97E-09	1.84E-10	4.15E-09	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
45	ALL	748134.2	4350121	2.33E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.50E-08	3.95E-09	1.83E-10	4.14E-09	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
17	ALL	747734.2	4349921	2.31E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.49E-08	3.92E-09	1.82E-10	4.11E-09	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
18	ALL	747834.2	4349921	2.30E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.48E-08	3.91E-09	1.81E-10	4.09E-09	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
74	ALL	747434.2	4350421	2.28E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.47E-08	3.88E-09	1.79E-10	4.06E-09	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
32	ALL	748034.2	4350021	2.27E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.46E-08	3.86E-09	1.79E-10	4.04E-09	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
27	ALL	747534.2	4350021	2.26E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.46E-08	3.84E-09	1.78E-10	4.02E-09	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
222	ALL	746434.2	4351621	2.25E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.45E-08	3.83E-09	1.77E-10	4.01E-09	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
195	ALL	747334.2	4351421	2.25E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.45E-08	3.83E-09	1.77E-10	4.00E-09	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
16	ALL	747634.2	4349921	2.25E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.45E-08	3.82E-09	1.77E-10	4.00E-09	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
62	ALL	747434.2	4350321	2.24E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.44E-08	3.80E-09	1.76E-10	3.98E-09	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
291	ALL	746634.2	4352021	2.22E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.43E-08	3.77E-09	1.75E-10	3.95E-09	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
19	ALL	747934.2	4349921	2.21E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.42E-08	3.75E-09	1.73E-10	3.92E-09	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
181	ALL	747334.2	4351321	2.20E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.42E-08	3.74E-09	1.73E-10	3.91E-09	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
84	ALL	748434.2	4350421	2.20E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.42E-08	3.73E-09	1.73E-10	3.91E-09	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
268	ALL	746434.2	4351921	2.20E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.42E-08	3.73E-09	1.73E-10	3.91E-09	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
50	ALL	747434.2	4350221	2.18E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.40E-08	3.70E-09	1.71E-10	3.87E-09	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
169	ALL	747334.2	4351221	2.17E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.40E-08	3.68E-09	1.70E-10	3.86E-09	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
15	ALL	747534.2	4349921	2.15E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.38E-08	3.65E-09	1.69E-10	3.82E-09	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
290	ALL	746534.2	4352021	2.14E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.38E-08	3.64E-09	1.69E-10	3.82E-09	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
205	ALL	746434.2	4351521	2.13E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.37E-08	3.62E-09	1.67E-10	3.79E-09	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
157	ALL	747334.2	4351121	2.13E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.37E-08	3.62E-09	1.67E-10	3.79E-09	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
206	ALL	746534.2	4351521	2.11E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.36E-08	3.59E-09	1.66E-10	3.76E-09	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
38	ALL	747434.2	4350121	2.11E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.36E-08	3.59E-09	1.66E-10	3.76E-09	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
145	ALL	747334.2	4351021	2.11E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.36E-08	3.58E-09	1.66E-10	3.75E-09	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	ALL	747734.2	4349821	2.10E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.36E-08	3.57E-09	1.65E-10	3.74E-09	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	ALL	747834.2	4349821	2.09E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.35E-08	3.56E-09	1.65E-10	3.73E-09	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
33	ALL	748134.2	4350021	2.08E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.34E-08	3.54E-09	1.64E-10	3.71E-09	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
311	ALL	746634.2	4352121	2.08E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.34E-08	3.53E-09	1.63E-10	3.69E-09	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
133	ALL	747334.2	4350921	2.07E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.33E-08	3.51E-09	1.62E-10	3.67E-09	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
26	ALL	747434.2	4350021	2.06E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.33E-08	3.50E-09	1.62E-10	3.67E-09	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	ALL	747634.2	4349821	2.06E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.33E-08	3.50E-09	1.62E-10	3.66E-09	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
20	ALL	748034.2	4349921	2.06E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.33E-08	3.50E-09	1.62E-10	3.66E-09	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
46	ALL	748234.2	4350121	2.05E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.32E-08	3.49E-09	1.61E										

97	ALL	747334.2	4350621	1.95E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.26E-08	3.32E-09	1.53E-10	3.47E-09	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
207	ALL	746634.2	4351521	1.93E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.24E-08	3.28E-09	1.52E-10	3.43E-09	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
85	ALL	747334.2	4350521	1.93E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.24E-08	3.28E-09	1.52E-10	3.43E-09	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
61	ALL	747334.2	4350321	1.93E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.24E-08	3.27E-09	1.51E-10	3.43E-09	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
309	ALL	746434.2	4352121	1.92E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.24E-08	3.26E-09	1.51E-10	3.41E-09	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
73	ALL	747334.2	4350421	1.92E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.23E-08	3.26E-09	1.51E-10	3.41E-09	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
49	ALL	747334.2	4350221	1.91E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.23E-08	3.24E-09	1.50E-10	3.39E-09	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
332	ALL	746534.2	4352221	1.90E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.23E-08	3.23E-09	1.50E-10	3.38E-09	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
72	ALL	748434.2	4350321	1.90E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.22E-08	3.23E-09	1.49E-10	3.38E-09	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	ALL	747434.2	4349821	1.88E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.21E-08	3.19E-09	1.48E-10	3.34E-09	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
37	ALL	747334.2	4350121	1.86E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.20E-08	3.16E-09	1.46E-10	3.31E-09	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	ALL	748034.2	4349821	1.85E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.19E-08	3.14E-09	1.45E-10	3.29E-09	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
25	ALL	747334.2	4350021	1.84E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.18E-08	3.12E-09	1.45E-10	3.27E-09	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
21	ALL	748134.2	4349921	1.84E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.18E-08	3.12E-09	1.45E-10	3.27E-09	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
34	ALL	748234.2	4350021	1.83E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.18E-08	3.12E-09	1.44E-10	3.26E-09	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
331	ALL	746434.2	4352221	1.83E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.18E-08	3.12E-09	1.44E-10	3.26E-09	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
13	ALL	747334.2	4349921	1.81E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.17E-08	3.08E-09	1.42E-10	3.22E-09	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	ALL	747334.2	4349821	1.75E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.13E-08	2.98E-09	1.38E-10	3.12E-09	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
47	ALL	748334.2	4350121	1.74E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.12E-08	2.96E-09	1.37E-10	3.09E-09	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
286	ALL	749434.2	4351921	1.73E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.11E-08	2.93E-09	1.36E-10	3.07E-09	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	ALL	748134.2	4349821	1.66E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.07E-08	2.81E-09	1.30E-10	2.94E-09	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
60	ALL	748434.2	4350221	1.64E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.06E-08	2.78E-09	1.29E-10	2.92E-09	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
22	ALL	748234.2	4349921	1.61E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.04E-08	2.74E-09	1.27E-10	2.87E-09	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
35	ALL	748334.2	4350021	1.55E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	1.00E-08	2.64E-09	1.22E-10	2.76E-09	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
10	ALL	748234.2	4349821	1.45E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.35E-09	2.47E-09	1.12E-10	2.58E-09	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
194	ALL	746634.2	4351421	1.45E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.34E-09	2.46E-09	1.14E-10	2.58E-09	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
192	ALL	746434.2	4351421	1.43E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.18E-09	2.42E-09	1.12E-10	2.54E-09	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
193	ALL	746534.2	4351421	1.42E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.15E-09	2.41E-09	1.12E-10	2.53E-09	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
48	ALL	748434.2	4350121	1.42E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	9.13E-09	2.41E-09	1.11E-10	2.52E-09	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
23	ALL	748334.2	4349921	1.37E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	8.84E-09	2.33E-09	1.08E-10	2.44E-09	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
36	ALL	748434.2	4350021	1.25E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	8.08E-09	2.13E-09	9.86E-11	2.23E-09	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
11	ALL	748334.2	4349821	1.25E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	8.03E-09	2.12E-09	9.79E-11	2.22E-09	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
24	ALL	748434.2	4349921	1.13E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	7.29E-09	1.92E-09	8.90E-11	2.01E-09	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
12	ALL	748434.2	4349821	1.04E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	6.70E-09	1.77E-09	8.17E-11	1.85E-09	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
287	ALL	749534.2	4351921	1.02E-08	30YrCancerDerived_InhSoilDermMMilk_FAH3to70	6.57E-09	1.73E-09	8.01E-11	1.81E-09	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

NCS Wood Energy Boiler Operation - Residential Chronic Risk

*HARP - HRACalc v22118 2/9/2023 9:32:14 AM - Chronic Risk - Sorted Max to Min

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
562	ALL		748591.1	4352251	NonCancerChronicDerived_InhSoilDermMMilk	5.91E-03	7.21E-03	8.51E-05	9.22E-04	5.70E-03	1.23E-02	5.08E-02	5.88E-03	1.22E-02	0.00E+00	5.64E-03	1.00E-02	0.00E+00	0.00E+00	5.08E-02
560	ALL		748584.5	4352211	NonCancerChronicDerived_InhSoilDermMMilk	5.72E-03	6.99E-03	8.24E-05	8.93E-04	5.53E-03	1.20E-02	4.92E-02	5.70E-03	1.19E-02	0.00E+00	5.47E-03	9.70E-03	0.00E+00	0.00E+00	4.92E-02
564	ALL		748616.6	4352277	NonCancerChronicDerived_InhSoilDermMMilk	4.25E-03	5.19E-03	6.12E-05	6.64E-04	4.11E-03	8.88E-03	3.66E-02	4.24E-03	8.81E-03	0.00E+00	4.06E-03	7.21E-03	0.00E+00	0.00E+00	3.66E-02
566	ALL		748642.2	4352388	NonCancerChronicDerived_InhSoilDermMMilk	3.75E-03	4.57E-03	5.40E-05	5.85E-04	3.62E-03	7.83E-03	3.22E-02	3.73E-03	7.77E-03	0.00E+00	3.58E-03	6.35E-03	0.00E+00	0.00E+00	3.22E-02
570	ALL		748392.7	4352235	NonCancerChronicDerived_InhSoilDermMMilk	3.68E-03	4.49E-03	5.30E-05	5.74E-04	3.55E-03	7.68E-03	3.16E-02	3.66E-03	7.62E-03	0.00E+00	3.51E-03	6.24E-03	0.00E+00	0.00E+00	3.16E-02
561	ALL		748617.6	4352190	NonCancerChronicDerived_InhSoilDermMMilk	3.01E-03	3.68E-03	4.34E-05	4.70E-04	2.91E-03	6.29E-03	2.59E-02	3.00E-03	6.24E-03	0.00E+00	2.88E-03	5.11E-03	0.00E+00	0.00E+00	2.59E-02
365	ALL		748653.2	4352332	NonCancerChronicDerived_InhSoilDermMMilk	2.93E-03	3.58E-03	4.22E-05	4.57E-04	2.83E-03	6.12E-03	2.52E-02	2.92E-03	6.07E-03	0.00E+00	2.80E-03	4.97E-03	0.00E+00	0.00E+00	2.52E-02
345	ALL		748634.2	4352221	NonCancerChronicDerived_InhSoilDermMMilk	2.69E-03	3.28E-03	3.87E-05	4.20E-04	2.60E-03	5.62E-03	2.31E-02	2.68E-03	5.58E-03	0.00E+00	2.57E-03	4.56E-03	0.00E+00	0.00E+00	2.31E-02
250	ALL		748334.2	4351721	NonCancerChronicDerived_InhSoilDermMMilk	2.59E-03	3.16E-03	3.72E-05	4.04E-04	2.50E-03	5.40E-03	2.22E-02	2.58E-03	5.36E-03	0.00E+00	2.47E-03	4.39E-03	0.00E+00	0.00E+00	2.22E-02
571	ALL		748369.1	4352212	NonCancerChronicDerived_InhSoilDermMMilk	2.51E-03	3.07E-03	3.62E-05	3.92E-04	2.43E-03	5.25E-03	2.16E-02	2.50E-03	5.21E-03	0.00E+00	2.40E-03	4.26E-03	0.00E+00	0.00E+00	2.16E-02
426	ALL		748643.1	4352725	NonCancerChronicDerived_InhSoilDermMMilk	2.32E-03	2.83E-03	3.34E-05	3.62E-04	2.24E-03	4.84E-03	1.99E-02	2.31E-03	4.80E-03	0.00E+00	2.22E-03	3.93E-03	0.00E+00	0.00E+00	1.99E-02
439	ALL		748634.2	4352821	NonCancerChronicDerived_InhSoilDermMMilk	2.30E-03	2.81E-03	3.31E-05	3.59E-04	2.22E-03	4.80E-03	1.98E-02	2.29E-03	4.76E-03	0.00E+00	2.20E-03	3.90E-03	0.00E+00	0.00E+00	1.98E-02
454	ALL		748634.2	4352921	NonCancerChronicDerived_InhSoilDermMMilk	2.29E-03	2.80E-03	3.30E-05	3.58E-04	2.21E-03	4.78E-03	1.97E-02	2.28E-03	4.74E-03	0.00E+00	2.19E-03	3.88E-03	0.00E+00	0.00E+00	1.97E-02
469	ALL		748634.2	4353021	NonCancerChronicDerived_InhSoilDermMMilk	2.27E-03	2.77E-03	3.27E-05	3.54E-04	2.19E-03	4.74E-03	1.95E-02	2.26E-03	4.70E-03	0.00E+00	2.17E-03	3.85E-03	0.00E+00	0.00E+00	1.95E-02
483	ALL		748634.2	4353121	NonCancerChronicDerived_InhSoilDermMMilk	2.21E-03	2.70E-03	3.19E-05	3.46E-04	2.14E-03	4.62E-03	1.90E-02	2.20E-03	4.59E-03	0.00E+00	2.11E-03	3.75E-03	0.00E+00	0.00E+00	1.90E-02
497	ALL		748634.2	4353221	NonCancerChronicDerived_InhSoilDermMMilk	2.13E-03	2.60E-03	3.06E-05	3.32E-04	2.05E-03	4.44E-03	1.83E-02	2.12E-03	4.41E-03	0.00E+00	2.03E-03	3.61E-03	0.00E+00	0.00E+00	1.83E-02
498	ALL		748734.2	4353221	NonCancerChronicDerived_InhSoilDermMMilk	2.11E-03	2.58E-03	3.04E-05	3.30E-04	2.04E-03	4.41E-03	1.82E-02	2.10E-03	4.38E-03	0.00E+00	2.02E-03	3.58E-03	0.00E+00	0.00E+00	1.82E-02
512	ALL		748734.2	4353321	NonCancerChronicDerived_InhSoilDermMMilk	2.10E-03	2.57E-03	3.03E-05	3.28E-04	2.03E-03	4.39E-03	1.81E-02	2.09E-03	4.36E-03	0.00E+00	2.01E-03	3.57E-03	0.00E+00	0.00E+00	1.81E-02
484	ALL		748734.2	4353121	NonCancerChronicDerived_InhSoilDermMMilk	2.08E-03	2.54E-03	2.99E-05	3.25E-04	2.01E-03	4.34E-03	1.79E-02	2.07E-03	4.31E-03	0.00E+00	1.99E-03	3.53E-03	0.00E+00	0.00E+00	1.79E-02
521	ALL		748734.2	4353421	NonCancerChronicDerived_InhSoilDermMMilk	2.06E-03	2.51E-03	2.97E-05	3.22E-04	1.99E-03	4.30E-03	1.77E-02	2.05E-03	4.27E-03	0.00E+00	1.97E-03	3.49E-03	0.00E+00	0.00E+00	1.77E-02
453	ALL		748534.2	4352921	NonCancerChronicDerived_InhSoilDermMMilk	2.03E-03	2.48E-03	2.93E-05	3.17E-04	1.96E-03	4.25E-03	1.75E-02	2.02E-03	4.21E-03	0.00E+00	1.94E-03	3.45E-03	0.00E+00	0.00E+00	1.75E-02
511	ALL		748634.2	4353321	NonCancerChronicDerived_InhSoilDermMMilk	2.02E-03	2.47E-03	2.91E-05	3.16E-04	1.95E-03	4.22E-03	1.74E-02	2.01E-03	4.19E-03	0.00E+00	1.93E-03	3.43E-03	0.00E+00	0.00E+00	1.74E-02
470	ALL		748734.2	4353021	NonCancerChronicDerived_InhSoilDermMMilk	2.00E-03	2.44E-03	2.88E-05	3.12E-04	1.93E-03	4.17E-03	1.72E-02	1.99E-03	4.14E-03	0.00E+00	1.91E-03	3.39E-03	0.00E+00	0.00E+00	1.72E-02
530	ALL		748734.2	4353521	NonCancerChronicDerived_InhSoilDermMMilk	1.99E-03	2.43E-03	2.87E-05	3.11E-04	1.93E-03	4.16E-03	1.71E-02	1.99E-03	4.13E-03	0.00E+00	1.90E-03	3.38E-03	0.00E+00	0.00E+00	1.71E-02
595	ALL		748318.6	4351677	NonCancerChronicDerived_InhSoilDermMMilk	1.99E-03	2.43E-03	2.87E-05	3.11E-04	1.92E-03	4.16E-03	1.71E-02	1.98E-03	4.13E-03	0.00E+00	1.90E-03	3.38E-03	0.00E+00	0.00E+00	1.71E-02
588	ALL		748469.8	4351799	NonCancerChronicDerived_InhSoilDermMMilk	1.94E-03	2.36E-03	2.79E-05	3.02E-04	1.87E-03	4.04E-03	1.66E-02	1.93E-03	4.01E-03	0.00E+00	1.85E-03	3.28E-03	0.00E+00	0.00E+00	1.66E-02
539	ALL		748734.2	4353621	NonCancerChronicDerived_InhSoilDermMMilk	1.91E-03	2.33E-03	2.75E-05	2.98E-04	1.85E-03	3.99E-03	1.64E-02	1.90E-03	3.96E-03	0.00E+00	1.83E-03	3.24E-03	0.00E+00	0.00E+00	1.64E-02
520	ALL		748634.2	4353421	NonCancerChronicDerived_InhSoilDermMMilk	1.91E-03	2.33E-03	2.75E-05	2.98E-04	1.84E-03	3.98E-03	1.64E-02	1.90E-03	3.95E-03	0.00E+00	1.82E-03	3.23E-03	0.00E+00	0.00E+00	1.64E-02
468	ALL		748534.2	4353021	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-03	2.32E-03	2.74E-05	2.97E-04	1.83E-03	3.97E-03	1.63E-02	1.89E-03	3.94E-03	0.00E+00	1.82E-03	3.22E-03	0.00E+00	0.00E+00	1.63E-02
531	ALL		748834.2	4353521	NonCancerChronicDerived_InhSoilDermMMilk	1.88E-03	2.29E-03	2.71E-05	2.93E-04	1.81E-03	3.93E-03	1.62E-02	1.87E-03	3.89E-03	0.00E+00	1.80E-03	3.19E-03	0.00E+00	0.00E+00	1.62E-02
455	ALL		748734.2	4352921	NonCancerChronicDerived_InhSoilDermMMilk	1.88E-03	2.29E-03	2.70E-05	2.93E-04	1.81E-03	3.92E-03	1.61E-02	1.87E-03	3.88E-03	0.00E+00	1.79E-03	3.18E-03	0.00E+00	0.00E+00	1.61E-02
540	ALL		748834.2	4353621	NonCancerChronicDerived_InhSoilDermMMilk	1.87E-03	2.28E-03	2.69E-05	2.91E-04	1.80E-03	3.90E-03	1.60E-02	1.86E-03	3.86E-03	0.00E+00	1.78E-03	3.16E-03	0.00E+00	0.00E+00	1.60E-02
522	ALL		748834.2	4353421	NonCancerChronicDerived_InhSoilDermMMilk	1.87E-03	2.28E-03	2.69E-05	2.91E-04	1.80E-03	3.90E-03	1.60E-02	1.86E-03	3.86E-03	0.00E+00	1.78E-03	3.16E-03	0.00E+00	0.00E+00	1.60E-02
549	ALL		748834.2	4353721	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-03	2.24E-03	2.64E-05	2.86E-04	1.77E-03	3.83E-03	1.57E-02	1.82E-03	3.79E-03	0.00E+00	1.75E-03	3.11E-03	0.00E+00	0.00E+00	1.57E-02
548	ALL		748734.2	4353721	NonCancerChronicDerived_InhSoilDermMMilk	1.82E-03	2.22E-03	2.62E-05	2.84E-04	1.76E-03	3.80E-03	1.57E-02	1.81E-03	3.77E-03	0.00E+00	1.74E-03	3.09E-03	0.00E+00	0.00E+00	1.57E-02
563	ALL		748669.6	4352216	NonCancerChronicDerived_InhSoilDermMMilk	1.82E-03	2.22E-03	2.62E-05	2.84E-04	1.76E-03	3.80E-03	1.56E-02	1.81E-03	3.77E-03	0.00E+00	1.74E-03	3.08E-03	0.00E+00	0.00E+00	1.56E-02
513	ALL		748834.2	4353321	NonCancerChronicDerived_InhSoilDermMMilk	1.82E-03	2.22E-03	2.62E-05	2.84E-04	1.75E-03	3.80E-03	1.56E-02	1.81E-03	3.76E-03	0.00E+00	1.74E-03	3.08E-03	0.00E+00	0.00E+00	1.56E-02
529	ALL		748634.2	4353521	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-03	2.19E-03	2.58E-05	2.80E-04	1.73E-03	3.74E-03	1.54E-02	1.78E-03	3.71E-03	0.00E+00	1.71E-03	3.04E-03	0.00E+00	0.00E+00	1.54E-02
558	ALL		748834.2	4353821	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-03	2.18E-03	2.57E-05	2.78E-04	1.72E-03	3.72E-03	1.53E-02	1.78E-03	3.69E-03	0.00E+00	1.70E-03	3.02E-03	0.00E+00	0.00E+00	1.53E-02
482	ALL		748534.2	4353121	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-03	2.17E-03	2.56E-05	2.77E-04	1.72E-03	3.71E-03	1.53E-02	1.77E-03	3.68E-03	0.00E+00	1.70E-03	3.01E-03	0.00E+00	0.00E+00	1.53E-02
440	ALL		748734.2	4352821	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-03	2.13E-03	2.51E-05	2.72E-04	1.68E-03	3.64E-03	1.50E-02	1.74E-03	3.61E-03	0.00E+00	1.66E-03	2.95E-03	0.00E+00	0.00E+00	1.50E-02
499	ALL		748834.2	4353221	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-03	2.12E-03	2.50E-05	2.71E-04	1.67E-03	3.62E-03	1.49E-02	1.73E-03	3.59E-03	0.00E+00	1.66E-03	2.94E-03	0.00E+00	0.00E+00	1.49E-02
557	ALL		748734.2	4353821	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-03	2.11E-03	2.49E-05	2.70E-04	1.67E-03	3.61E-03	1.48E-02	1.72E-03	3.58E-03	0.00E+00	1.65E-03	2.93E-03	0.00E+00	0.00E+00	1.48E-02
538	ALL		748634.2	4353621	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-03	2.04E-03	2.41E-05	2.62E-04	1.62E-03	3.50E-03	1.44E-02	1.67E-03	3.47E-03	0.00E+00	1.60E-03	2.84E-03	0.00E+00	0.00E+00	1.44E-02
597	ALL		748321.5	4351643	NonCancerChronicDerived_InhSoilDermMMilk	1.67E-03	2.04E-03	2.40E-05	2.61E-04	1.61E-03	3.49E-03	1.44E-02	1.66E-03	3.46E-03	0.00E+00	1.59E-03	2.83E-03	0.00E+00	0.00E+00	1.44E-02
496	ALL		748534.2	4353221	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-03	2.02E-03	2.39E-05	2.59E-04	1.60E-03	3.46E-03	1.42E-02	1.65E-03	3.43E-03	0.00E+00	1.58E-03	2.81E-03	0.00E+00	0.00E+00	1.42E-02
427	ALL		748734.2																	

547 ALL	748634.2	4353721	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-03	1.91E-03	2.25E-05	2.44E-04	1.51E-03	3.27E-03	1.35E-02	1.56E-03	3.24E-03	0.00E+00	1.50E-03	2.65E-03	0.00E+00	0.00E+00	1.35E-02
235 ALL	748334.2	4351621	NonCancerChronicDerived_InhSoilDermMMilk	1.55E-03	1.89E-03	2.23E-05	2.42E-04	1.50E-03	3.24E-03	1.33E-02	1.54E-03	3.21E-03	0.00E+00	1.48E-03	2.63E-03	0.00E+00	0.00E+00	1.33E-02
510 ALL	748534.2	4353321	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-03	1.88E-03	2.22E-05	2.41E-04	1.49E-03	3.22E-03	1.33E-02	1.54E-03	3.20E-03	0.00E+00	1.47E-03	2.61E-03	0.00E+00	0.00E+00	1.33E-02
523 ALL	748934.2	4353421	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-03	1.84E-03	2.17E-05	2.35E-04	1.45E-03	3.14E-03	1.29E-02	1.50E-03	3.12E-03	0.00E+00	1.44E-03	2.55E-03	0.00E+00	0.00E+00	1.29E-02
471 ALL	748834.2	4353021	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-03	1.80E-03	2.12E-05	2.30E-04	1.42E-03	3.08E-03	1.27E-02	1.47E-03	3.05E-03	0.00E+00	1.41E-03	2.50E-03	0.00E+00	0.00E+00	1.27E-02
556 ALL	748634.2	4353821	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-03	1.78E-03	2.10E-05	2.28E-04	1.41E-03	3.05E-03	1.26E-02	1.45E-03	3.03E-03	0.00E+00	1.40E-03	2.48E-03	0.00E+00	0.00E+00	1.26E-02
519 ALL	748534.2	4353421	NonCancerChronicDerived_InhSoilDermMMilk	1.43E-03	1.75E-03	2.07E-05	2.24E-04	1.38E-03	3.00E-03	1.23E-02	1.43E-03	2.97E-03	0.00E+00	1.37E-03	2.43E-03	0.00E+00	0.00E+00	1.23E-02
585 ALL	748500.4	4351912	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-03	1.73E-03	2.04E-05	2.22E-04	1.37E-03	2.96E-03	1.22E-02	1.41E-03	2.94E-03	0.00E+00	1.36E-03	2.41E-03	0.00E+00	0.00E+00	1.22E-02
514 ALL	748934.2	4353321	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-03	1.72E-03	2.03E-05	2.20E-04	1.36E-03	2.95E-03	1.21E-02	1.40E-03	2.92E-03	0.00E+00	1.35E-03	2.39E-03	0.00E+00	0.00E+00	1.21E-02
586 ALL	748500.4	4351883	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03	1.70E-03	2.01E-05	2.18E-04	1.35E-03	2.91E-03	1.20E-02	1.39E-03	2.89E-03	0.00E+00	1.33E-03	2.36E-03	0.00E+00	0.00E+00	1.20E-02
452 ALL	748434.2	4352921	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-03	1.69E-03	2.00E-05	2.17E-04	1.34E-03	2.90E-03	1.19E-02	1.38E-03	2.87E-03	0.00E+00	1.33E-03	2.35E-03	0.00E+00	0.00E+00	1.19E-02
281 ALL	748549.9	4351948	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03	1.68E-03	1.98E-05	2.14E-04	1.33E-03	2.87E-03	1.18E-02	1.37E-03	2.84E-03	0.00E+00	1.31E-03	2.33E-03	0.00E+00	0.00E+00	1.18E-02
381 ALL	748734.2	4352421	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-03	1.67E-03	1.97E-05	2.14E-04	1.32E-03	2.86E-03	1.18E-02	1.36E-03	2.84E-03	0.00E+00	1.31E-03	2.32E-03	0.00E+00	0.00E+00	1.18E-02
528 ALL	748534.2	4353521	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-03	1.63E-03	1.92E-05	2.08E-04	1.29E-03	2.79E-03	1.15E-02	1.33E-03	2.76E-03	0.00E+00	1.27E-03	2.26E-03	0.00E+00	0.00E+00	1.15E-02
456 ALL	748834.2	4352921	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-03	1.61E-03	1.89E-05	2.05E-04	1.27E-03	2.75E-03	1.13E-02	1.31E-03	2.73E-03	0.00E+00	1.26E-03	2.23E-03	0.00E+00	0.00E+00	1.13E-02
598 ALL	748344.1	4351585	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03	1.59E-03	1.87E-05	2.03E-04	1.26E-03	2.72E-03	1.12E-02	1.30E-03	2.70E-03	0.00E+00	1.24E-03	2.21E-03	0.00E+00	0.00E+00	1.12E-02
344 ALL	748334.2	4352221	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03	1.59E-03	1.87E-05	2.03E-04	1.26E-03	2.72E-03	1.12E-02	1.30E-03	2.69E-03	0.00E+00	1.24E-03	2.21E-03	0.00E+00	0.00E+00	1.12E-02
500 ALL	748934.2	4353221	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-03	1.58E-03	1.87E-05	2.02E-04	1.25E-03	2.71E-03	1.11E-02	1.29E-03	2.69E-03	0.00E+00	1.24E-03	2.20E-03	0.00E+00	0.00E+00	1.11E-02
592 ALL	748541.6	4351866	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-03	1.56E-03	1.84E-05	1.99E-04	1.23E-03	2.66E-03	1.10E-02	1.27E-03	2.64E-03	0.00E+00	1.22E-03	2.16E-03	0.00E+00	0.00E+00	1.10E-02
537 ALL	748534.2	4353621	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-03	1.51E-03	1.79E-05	1.94E-04	1.20E-03	2.59E-03	1.07E-02	1.23E-03	2.57E-03	0.00E+00	1.18E-03	2.10E-03	0.00E+00	0.00E+00	1.07E-02
366 ALL	748734.2	4352321	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-03	1.47E-03	1.73E-05	1.87E-04	1.16E-03	2.51E-03	1.03E-02	1.20E-03	2.49E-03	0.00E+00	1.15E-03	2.04E-03	0.00E+00	0.00E+00	1.03E-02
583 ALL	748286.8	4351937	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-03	1.45E-03	1.71E-05	1.86E-04	1.15E-03	2.48E-03	1.02E-02	1.18E-03	2.46E-03	0.00E+00	1.14E-03	2.01E-03	0.00E+00	0.00E+00	1.02E-02
441 ALL	748834.2	4352821	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03	1.43E-03	1.68E-05	1.83E-04	1.13E-03	2.44E-03	1.01E-02	1.17E-03	2.42E-03	0.00E+00	1.12E-03	1.98E-03	0.00E+00	0.00E+00	1.01E-02
486 ALL	748934.2	4353121	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-03	1.43E-03	1.68E-05	1.82E-04	1.13E-03	2.44E-03	1.00E-02	1.16E-03	2.42E-03	0.00E+00	1.12E-03	1.98E-03	0.00E+00	0.00E+00	1.00E-02
467 ALL	748434.2	4353021	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-03	1.41E-03	1.67E-05	1.81E-04	1.12E-03	2.42E-03	9.96E-03	1.15E-03	2.40E-03	0.00E+00	1.11E-03	1.96E-03	0.00E+00	0.00E+00	9.96E-03
546 ALL	748534.2	4353221	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-03	1.41E-03	1.66E-05	1.80E-04	1.11E-03	2.41E-03	9.92E-03	1.15E-03	2.39E-03	0.00E+00	1.10E-03	1.96E-03	0.00E+00	0.00E+00	9.92E-03
589 ALL	748499.1	4351779	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-03	1.37E-03	1.62E-05	1.76E-04	1.09E-03	2.35E-03	9.68E-03	1.12E-03	2.33E-03	0.00E+00	1.08E-03	1.91E-03	0.00E+00	0.00E+00	9.68E-03
599 ALL	748347.9	4351552	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-03	1.34E-03	1.58E-05	1.71E-04	1.06E-03	2.29E-03	9.41E-03	1.09E-03	2.27E-03	0.00E+00	1.05E-03	1.86E-03	0.00E+00	0.00E+00	9.41E-03
590 ALL	748495.3	4351718	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03	1.32E-03	1.56E-05	1.69E-04	1.05E-03	2.27E-03	9.33E-03	1.08E-03	2.25E-03	0.00E+00	1.04E-03	1.84E-03	0.00E+00	0.00E+00	9.33E-03
481 ALL	748434.2	4353121	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03	1.32E-03	1.56E-05	1.69E-04	1.04E-03	2.26E-03	9.30E-03	1.08E-03	2.24E-03	0.00E+00	1.03E-03	1.83E-03	0.00E+00	0.00E+00	9.30E-03
567 ALL	748768.8	4352460	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03	1.31E-03	1.55E-05	1.68E-04	1.04E-03	2.25E-03	9.26E-03	1.07E-03	2.23E-03	0.00E+00	1.03E-03	1.83E-03	0.00E+00	0.00E+00	9.26E-03
555 ALL	748534.2	4353821	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-03	1.31E-03	1.55E-05	1.68E-04	1.04E-03	2.25E-03	9.25E-03	1.07E-03	2.23E-03	0.00E+00	1.03E-03	1.82E-03	0.00E+00	0.00E+00	9.25E-03
266 ALL	748534.2	4351821	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-03	1.29E-03	1.52E-05	1.65E-04	1.02E-03	2.21E-03	9.10E-03	1.05E-03	2.19E-03	0.00E+00	1.01E-03	1.79E-03	0.00E+00	0.00E+00	9.10E-03
428 ALL	748834.2	4352721	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-03	1.27E-03	1.49E-05	1.62E-04	1.00E-03	2.17E-03	8.92E-03	1.03E-03	2.15E-03	0.00E+00	9.92E-04	1.76E-03	0.00E+00	0.00E+00	8.92E-03
472 ALL	748934.2	4353021	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-03	1.26E-03	1.49E-05	1.61E-04	9.98E-04	2.16E-03	8.88E-03	1.03E-03	2.14E-03	0.00E+00	9.87E-04	1.75E-03	0.00E+00	0.00E+00	8.88E-03
495 ALL	748434.2	4353221	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-03	1.24E-03	1.46E-05	1.59E-04	9.81E-04	2.12E-03	8.73E-03	1.01E-03	2.10E-03	0.00E+00	9.70E-04	1.72E-03	0.00E+00	0.00E+00	8.73E-03
346 ALL	748734.2	4352221	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-03	1.24E-03	1.46E-05	1.58E-04	9.79E-04	2.12E-03	8.72E-03	1.01E-03	2.10E-03	0.00E+00	9.69E-04	1.72E-03	0.00E+00	0.00E+00	8.72E-03
591 ALL	748507.6	4351745	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-03	1.22E-03	1.44E-05	1.56E-04	9.67E-04	2.09E-03	8.61E-03	9.97E-04	2.07E-03	0.00E+00	9.57E-04	1.70E-03	0.00E+00	0.00E+00	8.61E-03
413 ALL	748334.2	4352621	NonCancerChronicDerived_InhSoilDermMMilk	9.58E-04	1.17E-03	1.38E-05	1.50E-04	9.25E-04	2.00E-03	8.24E-03	9.55E-04	1.99E-03	0.00E+00	9.16E-04	1.62E-03	0.00E+00	0.00E+00	8.24E-03
509 ALL	748434.2	4353321	NonCancerChronicDerived_InhSoilDermMMilk	9.55E-04	1.17E-03	1.38E-05	1.49E-04	9.22E-04	2.00E-03	8.21E-03	9.51E-04	1.98E-03	0.00E+00	9.13E-04	1.62E-03	0.00E+00	0.00E+00	8.21E-03
218 ALL	748334.2	4351521	NonCancerChronicDerived_InhSoilDermMMilk	9.36E-04	1.14E-03	1.35E-05	1.46E-04	9.04E-04	1.95E-03	8.05E-03	9.32E-04	1.94E-03	0.00E+00	8.94E-04	1.59E-03	0.00E+00	0.00E+00	8.05E-03
582 ALL	748278.8	4351959	NonCancerChronicDerived_InhSoilDermMMilk	9.22E-04	1.13E-03	1.33E-05	1.44E-04	8.90E-04	1.93E-03	7.93E-03	9.18E-04	1.91E-03	0.00E+00	8.81E-04	1.56E-03	0.00E+00	0.00E+00	7.93E-03
415 ALL	748834.2	4352621	NonCancerChronicDerived_InhSoilDermMMilk	9.02E-04	1.10E-03	1.30E-05	1.41E-04	8.71E-04	1.88E-03	7.75E-03	8.98E-04	1.87E-03	0.00E+00	8.61E-04	1.53E-03	0.00E+00	0.00E+00	7.75E-03
457 ALL	748934.2	4352921	NonCancerChronicDerived_InhSoilDermMMilk	9.00E-04	1.10E-03	1.30E-05	1.40E-04	8.69E-04	1.88E-03	7.73E-03	8.96E-04	1.86E-03	0.00E+00	8.60E-04	1.53E-03	0.00E+00	0.00E+00	7.73E-03
518 ALL	748434.2	4353421	NonCancerChronicDerived_InhSoilDermMMilk	8.99E-04	1.10E-03	1.29E-05	1.40E-04	8.68E-04	1.88E-03	7.73E-03	8.95E-04	1.86E-03	0.00E+00	8.59E-04	1.52E-03	0.00E+00	0.00E+00	7.73E-03
249 ALL	748234.2	4351721	NonCancerChronicDerived_InhSoilDermMMilk	8.93E-04	1.09E-03	1.28E-05	1.39E-04	8.62E-04	1.86E-03	7.67E-03	8.89E-04	1.85E-03	0.00E+00	8.53E-04	1.51E-03	0.00E+00	0.00E+00	7.67E-03
572 ALL	748306.7	4352223	NonCancerChronicDerived_InhSoilDermMMilk	8.50E-04	1.04E-03	1.22E-05	1.33E-04	8.21E-04	1.78E-03	7.31E-03	8.47E-04	1.76E-03	0.00E+00	8.12E-04	1.44E-03	0.00E+00	0.00E+00	7.31E-03
527 ALL	748434.2	4353521	NonCancerChronicDerived_InhSoilDermMMilk	8.47E-04	1.03E-03	1.22E-05	1.32E-04	8.17E-04	1.77E-03	7.28E-03	8.43E-04	1.75E-03	0.00E+00	8.09E-04	1.43E-03	0.00E+00	0.00E+00	7.28E-03
234 ALL	748234.2	4351621	NonCancerChronicDerived_InhSoilDermMMilk	8.26E-04	1.01E-03	1.19E-05	1.29E-04	7.98E-04	1.73E-03	7.10E-03	8.23E-04	1.71E-03	0.00E+00	7.90E-04	1.40E-03	0.00E+00	0.00E+00	7.10E-03
425 ALL																		

251 ALL	748534.2	4351721	NonCancerChronicDerived_InhSoilDermMMilk	7.25E-04	8.85E-04	1.04E-05	1.13E-04	7.00E-04	1.52E-03	6.24E-03	7.23E-04	1.50E-03	0.00E+00	6.93E-04	1.23E-03	0.00E+00	0.00E+00	6.24E-03
554 ALL	748434.2	4353821	NonCancerChronicDerived_InhSoilDermMMilk	7.10E-04	8.66E-04	1.02E-05	1.11E-04	6.85E-04	1.48E-03	6.10E-03	7.07E-04	1.47E-03	0.00E+00	6.78E-04	1.20E-03	0.00E+00	0.00E+00	6.10E-03
364 ALL	748316.4	4352318	NonCancerChronicDerived_InhSoilDermMMilk	6.97E-04	8.50E-04	1.00E-05	1.09E-04	6.73E-04	1.46E-03	5.99E-03	6.94E-04	1.44E-03	0.00E+00	6.66E-04	1.18E-03	0.00E+00	0.00E+00	5.99E-03
204 ALL	748334.2	4351421	NonCancerChronicDerived_InhSoilDermMMilk	6.88E-04	8.40E-04	9.91E-06	1.07E-04	6.65E-04	1.44E-03	5.92E-03	6.86E-04	1.43E-03	0.00E+00	6.58E-04	1.17E-03	0.00E+00	0.00E+00	5.92E-03
579 ALL	748278.8	4352046	NonCancerChronicDerived_InhSoilDermMMilk	6.84E-04	8.34E-04	9.84E-06	1.07E-04	6.60E-04	1.43E-03	5.88E-03	6.81E-04	1.42E-03	0.00E+00	6.53E-04	1.16E-03	0.00E+00	0.00E+00	5.88E-03
382 ALL	748834.2	4352421	NonCancerChronicDerived_InhSoilDermMMilk	6.83E-04	8.34E-04	9.84E-06	1.07E-04	6.60E-04	1.43E-03	5.87E-03	6.80E-04	1.42E-03	0.00E+00	6.53E-04	1.16E-03	0.00E+00	0.00E+00	5.87E-03
574 ALL	748287.6	4352208	NonCancerChronicDerived_InhSoilDermMMilk	6.78E-04	8.28E-04	9.77E-06	1.06E-04	6.55E-04	1.42E-03	5.83E-03	6.76E-04	1.41E-03	0.00E+00	6.48E-04	1.15E-03	0.00E+00	0.00E+00	5.83E-03
280 ALL	748234.2	4351921	NonCancerChronicDerived_InhSoilDermMMilk	6.72E-04	8.21E-04	9.68E-06	1.05E-04	6.49E-04	1.40E-03	5.78E-03	6.70E-04	1.39E-03	0.00E+00	6.42E-04	1.14E-03	0.00E+00	0.00E+00	5.78E-03
429 ALL	748934.2	4352721	NonCancerChronicDerived_InhSoilDermMMilk	6.72E-04	8.20E-04	9.67E-06	1.05E-04	6.49E-04	1.40E-03	5.77E-03	6.69E-04	1.39E-03	0.00E+00	6.42E-04	1.14E-03	0.00E+00	0.00E+00	5.77E-03
594 ALL	748509.5	4351615	NonCancerChronicDerived_InhSoilDermMMilk	6.63E-04	8.09E-04	9.54E-06	1.03E-04	6.40E-04	1.38E-03	5.70E-03	6.60E-04	1.37E-03	0.00E+00	6.33E-04	1.12E-03	0.00E+00	0.00E+00	5.70E-03
219 ALL	748451.2	4351515	NonCancerChronicDerived_InhSoilDermMMilk	6.58E-04	8.03E-04	9.47E-06	1.03E-04	6.35E-04	1.37E-03	5.65E-03	6.55E-04	1.36E-03	0.00E+00	6.28E-04	1.11E-03	0.00E+00	0.00E+00	5.65E-03
580 ALL	748269.1	4352021	NonCancerChronicDerived_InhSoilDermMMilk	6.49E-04	7.92E-04	9.34E-06	1.01E-04	6.27E-04	1.36E-03	5.58E-03	6.46E-04	1.34E-03	0.00E+00	6.20E-04	1.10E-03	0.00E+00	0.00E+00	5.58E-03
575 ALL	748280.4	4352178	NonCancerChronicDerived_InhSoilDermMMilk	6.42E-04	7.84E-04	9.24E-06	1.00E-04	6.20E-04	1.34E-03	5.52E-03	6.39E-04	1.33E-03	0.00E+00	6.13E-04	1.09E-03	0.00E+00	0.00E+00	5.52E-03
458 ALL	749034.2	4352921	NonCancerChronicDerived_InhSoilDermMMilk	6.35E-04	7.74E-04	9.14E-06	9.91E-05	6.13E-04	1.33E-03	5.46E-03	6.32E-04	1.31E-03	0.00E+00	6.06E-04	1.08E-03	0.00E+00	0.00E+00	5.46E-03
569 ALL	748804.7	4352254	NonCancerChronicDerived_InhSoilDermMMilk	6.18E-04	7.54E-04	8.89E-06	9.64E-05	5.96E-04	1.29E-03	5.31E-03	6.15E-04	1.28E-03	0.00E+00	5.90E-04	1.05E-03	0.00E+00	0.00E+00	5.31E-03
466 ALL	748334.2	4353021	NonCancerChronicDerived_InhSoilDermMMilk	6.17E-04	7.53E-04	8.88E-06	9.63E-05	5.96E-04	1.29E-03	5.30E-03	6.15E-04	1.28E-03	0.00E+00	5.90E-04	1.05E-03	0.00E+00	0.00E+00	5.30E-03
397 ALL	748314.2	4352541	NonCancerChronicDerived_InhSoilDermMMilk	6.05E-04	7.39E-04	8.72E-06	9.45E-05	5.84E-04	1.26E-03	5.20E-03	6.03E-04	1.25E-03	0.00E+00	5.78E-04	1.03E-03	0.00E+00	0.00E+00	5.20E-03
416 ALL	748934.2	4352621	NonCancerChronicDerived_InhSoilDermMMilk	5.88E-04	7.18E-04	8.47E-06	9.18E-05	5.68E-04	1.23E-03	5.06E-03	5.86E-04	1.22E-03	0.00E+00	5.62E-04	9.97E-04	0.00E+00	0.00E+00	5.06E-03
480 ALL	748334.2	4353121	NonCancerChronicDerived_InhSoilDermMMilk	5.83E-04	7.12E-04	8.40E-06	9.10E-05	5.63E-04	1.22E-03	5.01E-03	5.81E-04	1.21E-03	0.00E+00	5.57E-04	9.89E-04	0.00E+00	0.00E+00	5.01E-03
573 ALL	748795.2	4352196	NonCancerChronicDerived_InhSoilDermMMilk	5.81E-04	7.10E-04	8.37E-06	9.08E-05	5.61E-04	1.21E-03	5.00E-03	5.79E-04	1.20E-03	0.00E+00	5.56E-04	9.86E-04	0.00E+00	0.00E+00	5.00E-03
367 ALL	748834.2	4352321	NonCancerChronicDerived_InhSoilDermMMilk	5.81E-04	7.09E-04	8.36E-06	9.06E-05	5.61E-04	1.21E-03	4.99E-03	5.78E-04	1.20E-03	0.00E+00	5.55E-04	9.84E-04	0.00E+00	0.00E+00	4.99E-03
443 ALL	749034.2	4352821	NonCancerChronicDerived_InhSoilDermMMilk	5.63E-04	6.87E-04	8.10E-06	8.78E-05	5.43E-04	1.18E-03	4.84E-03	5.60E-04	1.17E-03	0.00E+00	5.38E-04	9.54E-04	0.00E+00	0.00E+00	4.84E-03
494 ALL	748334.2	4353421	NonCancerChronicDerived_InhSoilDermMMilk	5.61E-04	6.84E-04	8.07E-06	8.75E-05	5.41E-04	1.17E-03	4.82E-03	5.59E-04	1.16E-03	0.00E+00	5.36E-04	9.51E-04	0.00E+00	0.00E+00	4.82E-03
236 ALL	748534.2	4351621	NonCancerChronicDerived_InhSoilDermMMilk	5.47E-04	6.67E-04	7.87E-06	8.54E-05	5.28E-04	1.14E-03	4.70E-03	5.45E-04	1.13E-03	0.00E+00	5.22E-04	9.27E-04	0.00E+00	0.00E+00	4.70E-03
508 ALL	748334.2	4353321	NonCancerChronicDerived_InhSoilDermMMilk	5.40E-04	6.59E-04	7.78E-06	8.43E-05	5.22E-04	1.13E-03	4.65E-03	5.38E-04	1.12E-03	0.00E+00	5.16E-04	9.16E-04	0.00E+00	0.00E+00	4.65E-03
517 ALL	748334.2	4353421	NonCancerChronicDerived_InhSoilDermMMilk	5.21E-04	6.35E-04	7.50E-06	8.13E-05	5.03E-04	1.09E-03	4.48E-03	5.19E-04	1.08E-03	0.00E+00	4.98E-04	8.83E-04	0.00E+00	0.00E+00	4.48E-03
252 ALL	748634.2	4351721	NonCancerChronicDerived_InhSoilDermMMilk	5.17E-04	6.31E-04	7.45E-06	8.07E-05	4.99E-04	1.08E-03	4.45E-03	5.15E-04	1.07E-03	0.00E+00	4.94E-04	8.77E-04	0.00E+00	0.00E+00	4.45E-03
400 ALL	748934.2	4352521	NonCancerChronicDerived_InhSoilDermMMilk	5.07E-04	6.18E-04	7.30E-06	7.91E-05	4.89E-04	1.06E-03	4.36E-03	5.05E-04	1.05E-03	0.00E+00	4.84E-04	8.59E-04	0.00E+00	0.00E+00	4.36E-03
430 ALL	749034.2	4352721	NonCancerChronicDerived_InhSoilDermMMilk	5.04E-04	6.15E-04	7.25E-06	7.86E-05	4.86E-04	1.05E-03	4.33E-03	5.02E-04	1.04E-03	0.00E+00	4.81E-04	8.54E-04	0.00E+00	0.00E+00	4.33E-03
526 ALL	748334.2	4353521	NonCancerChronicDerived_InhSoilDermMMilk	5.02E-04	6.12E-04	7.22E-06	7.83E-05	4.84E-04	1.05E-03	4.31E-03	5.00E-04	1.04E-03	0.00E+00	4.79E-04	8.50E-04	0.00E+00	0.00E+00	4.31E-03
203 ALL	748234.2	4351421	NonCancerChronicDerived_InhSoilDermMMilk	4.91E-04	6.00E-04	7.07E-06	7.67E-05	4.74E-04	1.03E-03	4.22E-03	4.89E-04	1.02E-03	0.00E+00	4.69E-04	8.33E-04	0.00E+00	0.00E+00	4.22E-03
576 ALL	748261.1	4352146	NonCancerChronicDerived_InhSoilDermMMilk	4.87E-04	5.94E-04	7.01E-06	7.60E-05	4.70E-04	1.02E-03	4.19E-03	4.85E-04	1.01E-03	0.00E+00	4.65E-04	8.25E-04	0.00E+00	0.00E+00	4.19E-03
568 ALL	748812.2	4352155	NonCancerChronicDerived_InhSoilDermMMilk	4.86E-04	5.92E-04	6.99E-06	7.58E-05	4.69E-04	1.01E-03	4.17E-03	4.84E-04	1.01E-03	0.00E+00	4.64E-04	8.23E-04	0.00E+00	0.00E+00	4.17E-03
535 ALL	748334.2	4353621	NonCancerChronicDerived_InhSoilDermMMilk	4.83E-04	5.90E-04	6.96E-06	7.54E-05	4.67E-04	1.01E-03	4.15E-03	4.81E-04	1.00E-03	0.00E+00	4.62E-04	8.19E-04	0.00E+00	0.00E+00	4.15E-03
621 ALL	748225.8	4351411	NonCancerChronicDerived_InhSoilDermMMilk	4.70E-04	5.73E-04	6.76E-06	7.33E-05	4.54E-04	9.81E-04	4.04E-03	4.68E-04	9.73E-04	0.00E+00	4.49E-04	7.96E-04	0.00E+00	0.00E+00	4.04E-03
544 ALL	748334.2	4353721	NonCancerChronicDerived_InhSoilDermMMilk	4.65E-04	5.67E-04	6.69E-06	7.26E-05	4.49E-04	9.71E-04	4.00E-03	4.63E-04	9.63E-04	0.00E+00	4.44E-04	7.88E-04	0.00E+00	0.00E+00	4.00E-03
347 ALL	748834.2	4352221	NonCancerChronicDerived_InhSoilDermMMilk	4.61E-04	5.62E-04	6.63E-06	7.19E-05	4.45E-04	9.62E-04	3.96E-03	4.59E-04	9.55E-04	0.00E+00	4.40E-04	7.81E-04	0.00E+00	0.00E+00	3.96E-03
301 ALL	748234.2	4352021	NonCancerChronicDerived_InhSoilDermMMilk	4.57E-04	5.58E-04	6.58E-06	7.13E-05	4.41E-04	9.55E-04	3.93E-03	4.55E-04	9.47E-04	0.00E+00	4.37E-04	7.75E-04	0.00E+00	0.00E+00	3.93E-03
424 ALL	748234.2	4352721	NonCancerChronicDerived_InhSoilDermMMilk	4.56E-04	5.57E-04	6.57E-06	7.12E-05	4.41E-04	9.53E-04	3.92E-03	4.54E-04	9.45E-04	0.00E+00	4.36E-04	7.73E-04	0.00E+00	0.00E+00	3.92E-03
553 ALL	748334.2	4353821	NonCancerChronicDerived_InhSoilDermMMilk	4.47E-04	5.46E-04	6.44E-06	6.98E-05	4.32E-04	9.34E-04	3.85E-03	4.46E-04	9.27E-04	0.00E+00	4.27E-04	7.58E-04	0.00E+00	0.00E+00	3.85E-03
412 ALL	748234.2	4352621	NonCancerChronicDerived_InhSoilDermMMilk	4.46E-04	5.45E-04	6.43E-06	6.97E-05	4.31E-04	9.32E-04	3.84E-03	4.45E-04	9.25E-04	0.00E+00	4.27E-04	7.57E-04	0.00E+00	0.00E+00	3.84E-03
417 ALL	749034.2	4352621	NonCancerChronicDerived_InhSoilDermMMilk	4.37E-04	5.33E-04	6.29E-06	6.82E-05	4.22E-04	9.12E-04	3.75E-03	4.35E-04	9.05E-04	0.00E+00	4.17E-04	7.40E-04	0.00E+00	0.00E+00	3.75E-03
220 ALL	748534.2	4351521	NonCancerChronicDerived_InhSoilDermMMilk	4.35E-04	5.31E-04	6.26E-06	6.79E-05	4.20E-04	9.08E-04	3.74E-03	4.33E-04	9.01E-04	0.00E+00	4.15E-04	7.37E-04	0.00E+00	0.00E+00	3.74E-03
578 ALL	748241.8	4352073	NonCancerChronicDerived_InhSoilDermMMilk	4.35E-04	5.30E-04	6.26E-06	6.79E-05	4.20E-04	9.08E-04	3.74E-03	4.33E-04	9.00E-04	0.00E+00	4.15E-04	7.37E-04	0.00E+00	0.00E+00	3.74E-03
190 ALL	748334.2	4351321	NonCancerChronicDerived_InhSoilDermMMilk	4.28E-04	5.22E-04	6.16E-06	6.68E-05	4.13E-04	8.94E-04	3.68E-03	4.26E-04	8.86E-04	0.00E+00	4.09E-04	7.25E-04	0.00E+00	0.00E+00	3.68E-03
191 ALL	748434.2	4351321	NonCancerChronicDerived_InhSoilDermMMilk	4.28E-04	5.22E-04	6.16E-06	6.68E-05	4.13E-04	8.93E-04	3.68E-03	4.26E-04	8.86E-04	0.00E+00	4.09E-04	7.25E-04	0.00E+00	0.00E+00	3.68E-03
437 ALL	748234.2	4352821	NonCancerChronicDerived_InhSoilDermMMilk	4.26E-04	5.19E-04	6.13E-06	6.64E-05	4.11E-04	8.89E-04	3.66E-03	4.24E-04	8.82E-04	0.00E+00	4.07E-04	7.21E-04	0.00E+00	0.00E+00	3.66E-03
383 ALL	748934.2	4352421	NonCancerChronicDerived_InhSoilDermMMilk	4.12E-04	5.03E-04	5.94E-06	6.44E-05	3.98E-04	8.61E-04	3.55E-03	4.11E-04	8.54E-04	0.00E+00	3.94E-04	6.99E-04	0.00E+00	0.00E+00	3.55E-03
322 ALL	748834.2	4352121	NonCancerChronicDerived_InhSoilDermMMilk	4.06E-04	4.95E-04	5.84E-06	6.34E-05	3.92E-04	8.48E-04	3.49E-03	4.04E-04	8.41E-04	0.00E+00	3.88E-04	6.88E-04	0.00E+00	0.00E+00	3.49E-03
450 ALL																		

618	ALL	748210.5	4351328	NonCancerChronicDerived_InhSoilDermMMilk	3.33E-04	4.06E-04	4.79E-06	5.19E-05	3.21E-04	6.95E-04	2.86E-03	3.31E-04	6.89E-04	0.00E+00	3.18E-04	5.64E-04	0.00E+00	0.00E+00	2.86E-03
264	ALL	748134.2	4351821	NonCancerChronicDerived_InhSoilDermMMilk	3.29E-04	4.01E-04	4.74E-06	5.14E-05	3.18E-04	6.87E-04	2.83E-03	3.28E-04	6.81E-04	0.00E+00	3.14E-04	5.58E-04	0.00E+00	0.00E+00	2.83E-03
507	ALL	748234.2	4353321	NonCancerChronicDerived_InhSoilDermMMilk	3.27E-04	3.99E-04	4.71E-06	5.11E-05	3.16E-04	6.83E-04	2.81E-03	3.26E-04	6.78E-04	0.00E+00	3.13E-04	5.55E-04	0.00E+00	0.00E+00	2.81E-03
615	ALL	748380.5	4351293	NonCancerChronicDerived_InhSoilDermMMilk	3.22E-04	3.93E-04	4.63E-06	5.02E-05	3.11E-04	6.72E-04	2.77E-03	3.21E-04	6.67E-04	0.00E+00	3.07E-04	5.46E-04	0.00E+00	0.00E+00	2.77E-03
516	ALL	748234.2	4353421	NonCancerChronicDerived_InhSoilDermMMilk	3.20E-04	3.91E-04	4.61E-06	5.00E-05	3.09E-04	6.69E-04	2.75E-03	3.19E-04	6.64E-04	0.00E+00	3.06E-04	5.43E-04	0.00E+00	0.00E+00	2.75E-03
525	ALL	748234.2	4353521	NonCancerChronicDerived_InhSoilDermMMilk	3.13E-04	3.83E-04	4.51E-06	4.89E-05	3.03E-04	6.55E-04	2.69E-03	3.12E-04	6.49E-04	0.00E+00	3.00E-04	5.31E-04	0.00E+00	0.00E+00	2.69E-03
363	ALL	748234.2	4352321	NonCancerChronicDerived_InhSoilDermMMilk	3.12E-04	3.81E-04	4.49E-06	4.87E-05	3.01E-04	6.51E-04	2.68E-03	3.11E-04	6.46E-04	0.00E+00	2.98E-04	5.29E-04	0.00E+00	0.00E+00	2.68E-03
368	ALL	748934.2	4352321	NonCancerChronicDerived_InhSoilDermMMilk	3.11E-04	3.80E-04	4.48E-06	4.86E-05	3.01E-04	6.50E-04	2.68E-03	3.10E-04	6.45E-04	0.00E+00	2.97E-04	5.28E-04	0.00E+00	0.00E+00	2.68E-03
534	ALL	748234.2	4353621	NonCancerChronicDerived_InhSoilDermMMilk	3.07E-04	3.74E-04	4.42E-06	4.79E-05	2.96E-04	6.41E-04	2.64E-03	3.05E-04	6.35E-04	0.00E+00	2.93E-04	5.20E-04	0.00E+00	0.00E+00	2.64E-03
543	ALL	748234.2	4353721	NonCancerChronicDerived_InhSoilDermMMilk	3.00E-04	3.66E-04	4.32E-06	4.68E-05	2.89E-04	6.26E-04	2.58E-03	2.99E-04	6.21E-04	0.00E+00	2.86E-04	5.08E-04	0.00E+00	0.00E+00	2.58E-03
616	ALL	748365.4	4351278	NonCancerChronicDerived_InhSoilDermMMilk	2.96E-04	3.61E-04	4.26E-06	4.62E-05	2.86E-04	6.18E-04	2.54E-03	2.95E-04	6.13E-04	0.00E+00	2.83E-04	5.01E-04	0.00E+00	0.00E+00	2.54E-03
600	ALL	748108.9	4351573	NonCancerChronicDerived_InhSoilDermMMilk	2.93E-04	3.58E-04	4.22E-06	4.57E-05	2.83E-04	6.12E-04	2.52E-03	2.92E-04	6.07E-04	0.00E+00	2.80E-04	4.97E-04	0.00E+00	0.00E+00	2.52E-03
552	ALL	748234.2	4353821	NonCancerChronicDerived_InhSoilDermMMilk	2.93E-04	3.57E-04	4.21E-06	4.57E-05	2.83E-04	6.11E-04	2.52E-03	2.91E-04	6.06E-04	0.00E+00	2.80E-04	4.96E-04	0.00E+00	0.00E+00	2.52E-03
279	ALL	748134.2	4351921	NonCancerChronicDerived_InhSoilDermMMilk	2.90E-04	3.54E-04	4.18E-06	4.53E-05	2.80E-04	6.07E-04	2.50E-03	2.89E-04	6.02E-04	0.00E+00	2.77E-04	4.92E-04	0.00E+00	0.00E+00	2.50E-03
396	ALL	748234.2	4352521	NonCancerChronicDerived_InhSoilDermMMilk	2.85E-04	3.48E-04	4.10E-06	4.45E-05	2.75E-04	5.95E-04	2.45E-03	2.84E-04	5.91E-04	0.00E+00	2.72E-04	4.83E-04	0.00E+00	0.00E+00	2.45E-03
436	ALL	748134.2	4352821	NonCancerChronicDerived_InhSoilDermMMilk	2.84E-04	3.46E-04	4.09E-06	4.43E-05	2.74E-04	5.93E-04	2.44E-03	2.83E-04	5.88E-04	0.00E+00	2.71E-04	4.81E-04	0.00E+00	0.00E+00	2.44E-03
216	ALL	748103	4351532	NonCancerChronicDerived_InhSoilDermMMilk	2.81E-04	3.43E-04	4.05E-06	4.39E-05	2.72E-04	5.87E-04	2.42E-03	2.80E-04	5.83E-04	0.00E+00	2.69E-04	4.77E-04	0.00E+00	0.00E+00	2.42E-03
423	ALL	748134.2	4352721	NonCancerChronicDerived_InhSoilDermMMilk	2.76E-04	3.36E-04	3.97E-06	4.30E-05	2.66E-04	5.75E-04	2.37E-03	2.74E-04	5.71E-04	0.00E+00	2.63E-04	4.67E-04	0.00E+00	0.00E+00	2.37E-03
619	ALL	748216.8	4351289	NonCancerChronicDerived_InhSoilDermMMilk	2.75E-04	3.36E-04	3.96E-06	4.29E-05	2.66E-04	5.75E-04	2.36E-03	2.74E-04	5.70E-04	0.00E+00	2.63E-04	4.66E-04	0.00E+00	0.00E+00	2.36E-03
384	ALL	749034.2	4352421	NonCancerChronicDerived_InhSoilDermMMilk	2.69E-04	3.29E-04	3.88E-06	4.20E-05	2.60E-04	5.63E-04	2.32E-03	2.68E-04	5.58E-04	0.00E+00	2.57E-04	4.57E-04	0.00E+00	0.00E+00	2.32E-03
613	ALL	748470.4	4351237	NonCancerChronicDerived_InhSoilDermMMilk	2.68E-04	3.27E-04	3.86E-06	4.19E-05	2.59E-04	5.60E-04	2.31E-03	2.67E-04	5.56E-04	0.00E+00	2.56E-04	4.55E-04	0.00E+00	0.00E+00	2.31E-03
607	ALL	748307.4	4351258	NonCancerChronicDerived_InhSoilDermMMilk	2.62E-04	3.20E-04	3.78E-06	4.10E-05	2.53E-04	5.48E-04	2.26E-03	2.61E-04	5.44E-04	0.00E+00	2.51E-04	4.45E-04	0.00E+00	0.00E+00	2.26E-03
402	ALL	749134.2	4352521	NonCancerChronicDerived_InhSoilDermMMilk	2.62E-04	3.19E-04	3.77E-06	4.08E-05	2.53E-04	5.47E-04	2.25E-03	2.61E-04	5.42E-04	0.00E+00	2.50E-04	4.44E-04	0.00E+00	0.00E+00	2.25E-03
411	ALL	748134.2	4352621	NonCancerChronicDerived_InhSoilDermMMilk	2.61E-04	3.19E-04	3.76E-06	4.08E-05	2.52E-04	5.45E-04	2.24E-03	2.60E-04	5.41E-04	0.00E+00	2.49E-04	4.43E-04	0.00E+00	0.00E+00	2.24E-03
449	ALL	748134.2	4352921	NonCancerChronicDerived_InhSoilDermMMilk	2.57E-04	3.14E-04	3.70E-06	4.01E-05	2.48E-04	5.37E-04	2.21E-03	2.56E-04	5.33E-04	0.00E+00	2.46E-04	4.36E-04	0.00E+00	0.00E+00	2.21E-03
217	ALL	748083	4351484	NonCancerChronicDerived_InhSoilDermMMilk	2.47E-04	3.01E-04	3.55E-06	3.85E-05	2.38E-04	5.16E-04	2.12E-03	2.46E-04	5.12E-04	0.00E+00	2.36E-04	4.19E-04	0.00E+00	0.00E+00	2.12E-03
348	ALL	748934.2	4352221	NonCancerChronicDerived_InhSoilDermMMilk	2.44E-04	2.98E-04	3.52E-06	3.81E-05	2.36E-04	5.10E-04	2.10E-03	2.43E-04	5.06E-04	0.00E+00	2.33E-04	4.14E-04	0.00E+00	0.00E+00	2.10E-03
180	ALL	748634.2	4351221	NonCancerChronicDerived_InhSoilDermMMilk	2.41E-04	2.94E-04	3.47E-06	3.76E-05	2.32E-04	5.03E-04	2.07E-03	2.40E-04	4.99E-04	0.00E+00	2.30E-04	4.08E-04	0.00E+00	0.00E+00	2.07E-03
221	ALL	748634.2	4352121	NonCancerChronicDerived_InhSoilDermMMilk	2.41E-04	2.94E-04	3.46E-06	3.76E-05	2.32E-04	5.03E-04	2.07E-03	2.40E-04	4.99E-04	0.00E+00	2.30E-04	4.08E-04	0.00E+00	0.00E+00	2.07E-03
614	ALL	748419.4	4351231	NonCancerChronicDerived_InhSoilDermMMilk	2.39E-04	2.92E-04	3.45E-06	3.74E-05	2.31E-04	5.00E-04	2.06E-03	2.38E-04	4.96E-04	0.00E+00	2.29E-04	4.06E-04	0.00E+00	0.00E+00	2.06E-03
464	ALL	748134.2	4353021	NonCancerChronicDerived_InhSoilDermMMilk	2.39E-04	2.92E-04	3.44E-06	3.73E-05	2.31E-04	4.99E-04	2.05E-03	2.38E-04	4.95E-04	0.00E+00	2.28E-04	4.05E-04	0.00E+00	0.00E+00	2.05E-03
478	ALL	748134.2	4353121	NonCancerChronicDerived_InhSoilDermMMilk	2.33E-04	2.85E-04	3.36E-06	3.64E-05	2.25E-04	4.87E-04	2.00E-03	2.32E-04	4.83E-04	0.00E+00	2.23E-04	3.95E-04	0.00E+00	0.00E+00	2.00E-03
362	ALL	748134.2	4352321	NonCancerChronicDerived_InhSoilDermMMilk	2.32E-04	2.83E-04	3.34E-06	3.62E-05	2.24E-04	4.85E-04	2.00E-03	2.31E-04	4.81E-04	0.00E+00	2.22E-04	3.94E-04	0.00E+00	0.00E+00	2.00E-03
179	ALL	748434.2	4351221	NonCancerChronicDerived_InhSoilDermMMilk	2.30E-04	2.81E-04	3.31E-06	3.59E-05	2.22E-04	4.81E-04	1.98E-03	2.29E-04	4.77E-04	0.00E+00	2.20E-04	3.90E-04	0.00E+00	0.00E+00	1.98E-03
492	ALL	748134.2	4353221	NonCancerChronicDerived_InhSoilDermMMilk	2.29E-04	2.80E-04	3.30E-06	3.58E-05	2.21E-04	4.79E-04	1.97E-03	2.28E-04	4.75E-04	0.00E+00	2.19E-04	3.88E-04	0.00E+00	0.00E+00	1.97E-03
300	ALL	748134.2	4352021	NonCancerChronicDerived_InhSoilDermMMilk	2.26E-04	2.76E-04	3.26E-06	3.53E-05	2.18E-04	4.73E-04	1.95E-03	2.25E-04	4.69E-04	0.00E+00	2.16E-04	3.84E-04	0.00E+00	0.00E+00	1.95E-03
506	ALL	748134.2	4353321	NonCancerChronicDerived_InhSoilDermMMilk	2.24E-04	2.74E-04	3.23E-06	3.50E-05	2.17E-04	4.69E-04	1.93E-03	2.23E-04	4.65E-04	0.00E+00	2.14E-04	3.80E-04	0.00E+00	0.00E+00	1.93E-03
342	ALL	748134.2	4352221	NonCancerChronicDerived_InhSoilDermMMilk	2.23E-04	2.72E-04	3.20E-06	3.47E-05	2.15E-04	4.65E-04	1.91E-03	2.22E-04	4.61E-04	0.00E+00	2.13E-04	3.77E-04	0.00E+00	0.00E+00	1.91E-03
233	ALL	748073.7	4351672	NonCancerChronicDerived_InhSoilDermMMilk	2.22E-04	2.70E-04	3.19E-06	3.46E-05	2.14E-04	4.63E-04	1.90E-03	2.21E-04	4.59E-04	0.00E+00	2.12E-04	3.76E-04	0.00E+00	0.00E+00	1.90E-03
515	ALL	748134.2	4353421	NonCancerChronicDerived_InhSoilDermMMilk	2.21E-04	2.70E-04	3.19E-06	3.45E-05	2.14E-04	4.62E-04	1.90E-03	2.20E-04	4.58E-04	0.00E+00	2.11E-04	3.75E-04	0.00E+00	0.00E+00	1.90E-03
323	ALL	748934.2	4352121	NonCancerChronicDerived_InhSoilDermMMilk	2.19E-04	2.67E-04	3.15E-06	3.42E-05	2.11E-04	4.57E-04	1.88E-03	2.18E-04	4.54E-04	0.00E+00	2.09E-04	3.71E-04	0.00E+00	0.00E+00	1.88E-03
608	ALL	748368.9	4351208	NonCancerChronicDerived_InhSoilDermMMilk	2.19E-04	2.67E-04	3.15E-06	3.41E-05	2.11E-04	4.57E-04	1.88E-03	2.18E-04	4.53E-04	0.00E+00	2.09E-04	3.71E-04	0.00E+00	0.00E+00	1.88E-03
524	ALL	748134.2	4353521	NonCancerChronicDerived_InhSoilDermMMilk	2.18E-04	2.66E-04	3.14E-06	3.41E-05	2.11E-04	4.56E-04	1.88E-03	2.17E-04	4.52E-04	0.00E+00	2.09E-04	3.70E-04	0.00E+00	0.00E+00	1.88E-03
328	ALL	749434.2	4352121	NonCancerChronicDerived_InhSoilDermMMilk	2.17E-04	2.65E-04	3.13E-06	3.39E-05	2.10E-04	4.54E-04	1.87E-03	2.16E-04	4.50E-04	0.00E+00	2.07E-04	3.68E-04	0.00E+00	0.00E+00	1.87E-03
533	ALL	748134.2	4353621	NonCancerChronicDerived_InhSoilDermMMilk	2.15E-04	2.62E-04	3.10E-06	3.36E-05	2.08E-04	4.49E-04	1.85E-03	2.14E-04	4.46E-04	0.00E+00	2.06E-04	3.65E-04	0.00E+00	0.00E+00	1.85E-03
542	ALL	748134.2	4353721	NonCancerChronicDerived_InhSoilDermMMilk	2.12E-04	2.58E-04	3.05E-06	3.31E-05	2.04E-04	4.42E-04	1.82E-03	2.11E-04	4.39E-04	0.00E+00	2.02E-04	3.59E-04	0.00E+00	0.00E+00	1.82E-03
551	ALL	748134.2	4353821	NonCancerChronicDerived_InhSoilDermMMilk	2.08E-04	2.54E-04	3.00E-06	3.25E-05	2.01E-04	4.35E-04	1.79E-03	2.07E-04	4.32E-04	0.00E+00	1.99E-04	3.53E-04	0.00E+00	0.00E+00	1.79E-03
611	ALL	748421.7	4351187	NonCancerChronicDerived_InhSoilDermMMilk	2.06E-04	2.52E-04	2.97E-06	3.22E-05	1.99E-04	4.31E-04	1.77E-03	2.05E-04	4.27E-04	0.00E+00	1.97E-04	3.49E-04	0.00E+00	0.00E+00	1.77E-03
403	ALL	749234.2																	

601	ALL	748036.2	4351388	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-04	2.24E-04	2.64E-06	2.86E-05	1.77E-04	3.83E-04	1.58E-03	1.83E-04	3.80E-04	0.00E+00	1.75E-04	3.11E-04	0.00E+00	0.00E+00	1.58E-03
177	ALL	748134.2	4351221	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-04	2.17E-04	2.56E-06	2.78E-05	1.72E-04	3.72E-04	1.53E-03	1.77E-04	3.69E-04	0.00E+00	1.70E-04	3.02E-04	0.00E+00	0.00E+00	1.53E-03
263	ALL	748034.2	4351821	NonCancerChronicDerived_InhSoilDermMMilk	1.78E-04	2.17E-04	2.56E-06	2.78E-05	1.72E-04	3.71E-04	1.53E-03	1.77E-04	3.68E-04	0.00E+00	1.70E-04	3.01E-04	0.00E+00	0.00E+00	1.53E-03
602	ALL	748033.3	4351360	NonCancerChronicDerived_InhSoilDermMMilk	1.77E-04	2.16E-04	2.55E-06	2.76E-05	1.71E-04	3.69E-04	1.52E-03	1.76E-04	3.66E-04	0.00E+00	1.69E-04	3.00E-04	0.00E+00	0.00E+00	1.52E-03
232	ALL	748034.2	4351621	NonCancerChronicDerived_InhSoilDermMMilk	1.76E-04	2.14E-04	2.53E-06	2.74E-05	1.70E-04	3.67E-04	1.51E-03	1.75E-04	3.64E-04	0.00E+00	1.68E-04	2.98E-04	0.00E+00	0.00E+00	1.51E-03
603	ALL	748055.1	4351291	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-04	2.13E-04	2.51E-06	2.72E-05	1.68E-04	3.64E-04	1.50E-03	1.74E-04	3.61E-04	0.00E+00	1.67E-04	2.96E-04	0.00E+00	0.00E+00	1.50E-03
422	ALL	748034.2	4352721	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-04	2.13E-04	2.51E-06	2.72E-05	1.68E-04	3.64E-04	1.50E-03	1.74E-04	3.61E-04	0.00E+00	1.67E-04	2.95E-04	0.00E+00	0.00E+00	1.50E-03
285	ALL	749334.2	4351921	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-04	2.12E-04	2.50E-06	2.71E-05	1.68E-04	3.63E-04	1.49E-03	1.73E-04	3.60E-04	0.00E+00	1.66E-04	2.94E-04	0.00E+00	0.00E+00	1.49E-03
605	ALL	748083.4	4351245	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-04	2.11E-04	2.49E-06	2.70E-05	1.67E-04	3.61E-04	1.48E-03	1.72E-04	3.58E-04	0.00E+00	1.65E-04	2.93E-04	0.00E+00	0.00E+00	1.48E-03
604	ALL	748064.5	4351269	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-04	2.11E-04	2.49E-06	2.69E-05	1.67E-04	3.61E-04	1.48E-03	1.72E-04	3.58E-04	0.00E+00	1.65E-04	2.93E-04	0.00E+00	0.00E+00	1.48E-03
247	ALL	748034.2	4351721	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-04	2.09E-04	2.47E-06	2.68E-05	1.66E-04	3.58E-04	1.48E-03	1.71E-04	3.56E-04	0.00E+00	1.64E-04	2.91E-04	0.00E+00	0.00E+00	1.48E-03
188	ALL	748034.2	4351321	NonCancerChronicDerived_InhSoilDermMMilk	1.70E-04	2.08E-04	2.45E-06	2.66E-05	1.64E-04	3.56E-04	1.46E-03	1.70E-04	3.53E-04	0.00E+00	1.63E-04	2.89E-04	0.00E+00	0.00E+00	1.46E-03
353	ALL	749434.2	4352221	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-04	2.06E-04	2.43E-06	2.64E-05	1.63E-04	3.53E-04	1.45E-03	1.68E-04	3.50E-04	0.00E+00	1.61E-04	2.86E-04	0.00E+00	0.00E+00	1.45E-03
463	ALL	748034.2	4353021	NonCancerChronicDerived_InhSoilDermMMilk	1.67E-04	2.04E-04	2.41E-06	2.61E-05	1.62E-04	3.50E-04	1.44E-03	1.67E-04	3.47E-04	0.00E+00	1.60E-04	2.84E-04	0.00E+00	0.00E+00	1.44E-03
448	ALL	748034.2	4352921	NonCancerChronicDerived_InhSoilDermMMilk	1.67E-04	2.04E-04	2.41E-06	2.61E-05	1.62E-04	3.50E-04	1.44E-03	1.67E-04	3.47E-04	0.00E+00	1.60E-04	2.84E-04	0.00E+00	0.00E+00	1.44E-03
477	ALL	748034.2	4353121	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-04	2.03E-04	2.40E-06	2.60E-05	1.61E-04	3.48E-04	1.43E-03	1.66E-04	3.45E-04	0.00E+00	1.59E-04	2.82E-04	0.00E+00	0.00E+00	1.43E-03
404	ALL	749334.2	4352521	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-04	2.03E-04	2.39E-06	2.60E-05	1.61E-04	3.47E-04	1.43E-03	1.66E-04	3.45E-04	0.00E+00	1.59E-04	2.82E-04	0.00E+00	0.00E+00	1.43E-03
491	ALL	748034.2	4353221	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-04	2.03E-04	2.39E-06	2.59E-05	1.60E-04	3.47E-04	1.43E-03	1.66E-04	3.44E-04	0.00E+00	1.59E-04	2.82E-04	0.00E+00	0.00E+00	1.43E-03
606	ALL	748090	4351220	NonCancerChronicDerived_InhSoilDermMMilk	1.66E-04	2.03E-04	2.39E-06	2.59E-05	1.60E-04	3.47E-04	1.43E-03	1.65E-04	3.44E-04	0.00E+00	1.59E-04	2.82E-04	0.00E+00	0.00E+00	1.43E-03
505	ALL	748034.2	4353321	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-04	2.02E-04	2.38E-06	2.58E-05	1.60E-04	3.45E-04	1.42E-03	1.65E-04	3.43E-04	0.00E+00	1.58E-04	2.80E-04	0.00E+00	0.00E+00	1.42E-03
278	ALL	748034.2	4351921	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-04	1.99E-04	2.35E-06	2.54E-05	1.57E-04	3.40E-04	1.40E-03	1.62E-04	3.37E-04	0.00E+00	1.56E-04	2.76E-04	0.00E+00	0.00E+00	1.40E-03
405	ALL	749434.2	4352521	NonCancerChronicDerived_InhSoilDermMMilk	1.63E-04	1.99E-04	2.34E-06	2.54E-05	1.57E-04	3.40E-04	1.40E-03	1.62E-04	3.37E-04	0.00E+00	1.56E-04	2.76E-04	0.00E+00	0.00E+00	1.40E-03
406	ALL	749534.2	4352521	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-04	1.94E-04	2.29E-06	2.48E-05	1.53E-04	3.32E-04	1.36E-03	1.58E-04	3.29E-04	0.00E+00	1.52E-04	2.69E-04	0.00E+00	0.00E+00	1.36E-03
361	ALL	748034.2	4352321	NonCancerChronicDerived_InhSoilDermMMilk	1.56E-04	1.90E-04	2.24E-06	2.43E-05	1.51E-04	3.26E-04	1.34E-03	1.55E-04	3.23E-04	0.00E+00	1.49E-04	2.64E-04	0.00E+00	0.00E+00	1.34E-03
386	ALL	749234.2	4352421	NonCancerChronicDerived_InhSoilDermMMilk	1.54E-04	1.88E-04	2.22E-06	2.41E-05	1.49E-04	3.23E-04	1.33E-03	1.54E-04	3.20E-04	0.00E+00	1.48E-04	2.62E-04	0.00E+00	0.00E+00	1.33E-03
168	ALL	748634.2	4351121	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-04	1.83E-04	2.16E-06	2.35E-05	1.45E-04	3.14E-04	1.29E-03	1.50E-04	3.11E-04	0.00E+00	1.44E-04	2.55E-04	0.00E+00	0.00E+00	1.29E-03
341	ALL	748034.2	4352221	NonCancerChronicDerived_InhSoilDermMMilk	1.50E-04	1.83E-04	2.16E-06	2.35E-05	1.45E-04	3.14E-04	1.29E-03	1.50E-04	3.11E-04	0.00E+00	1.44E-04	2.55E-04	0.00E+00	0.00E+00	1.29E-03
374	ALL	749534.2	4352321	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-04	1.81E-04	2.14E-06	2.32E-05	1.43E-04	3.10E-04	1.28E-03	1.48E-04	3.07E-04	0.00E+00	1.42E-04	2.52E-04	0.00E+00	0.00E+00	1.28E-03
176	ALL	748034.2	4351221	NonCancerChronicDerived_InhSoilDermMMilk	1.48E-04	1.80E-04	2.13E-06	2.30E-05	1.43E-04	3.08E-04	1.27E-03	1.47E-04	3.06E-04	0.00E+00	1.41E-04	2.50E-04	0.00E+00	0.00E+00	1.27E-03
349	ALL	749034.2	4352221	NonCancerChronicDerived_InhSoilDermMMilk	1.47E-04	1.79E-04	2.12E-06	2.29E-05	1.42E-04	3.07E-04	1.26E-03	1.46E-04	3.05E-04	0.00E+00	1.40E-04	2.49E-04	0.00E+00	0.00E+00	1.26E-03
330	ALL	749634.2	4352121	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-04	1.78E-04	2.10E-06	2.28E-05	1.41E-04	3.05E-04	1.25E-03	1.45E-04	3.02E-04	0.00E+00	1.39E-04	2.47E-04	0.00E+00	0.00E+00	1.25E-03
166	ALL	748434.2	4351121	NonCancerChronicDerived_InhSoilDermMMilk	1.46E-04	1.78E-04	2.10E-06	2.28E-05	1.41E-04	3.05E-04	1.25E-03	1.45E-04	3.02E-04	0.00E+00	1.39E-04	2.47E-04	0.00E+00	0.00E+00	1.25E-03
395	ALL	748134.2	4352521	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-04	1.73E-04	2.04E-06	2.22E-05	1.37E-04	2.97E-04	1.22E-03	1.41E-04	2.94E-04	0.00E+00	1.36E-04	2.41E-04	0.00E+00	0.00E+00	1.22E-03
373	ALL	749434.2	4352321	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-04	1.73E-04	2.04E-06	2.21E-05	1.37E-04	2.95E-04	1.22E-03	1.41E-04	2.93E-04	0.00E+00	1.35E-04	2.40E-04	0.00E+00	0.00E+00	1.22E-03
370	ALL	749134.2	4352321	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-04	1.72E-04	2.03E-06	2.20E-05	1.36E-04	2.94E-04	1.21E-03	1.40E-04	2.92E-04	0.00E+00	1.35E-04	2.39E-04	0.00E+00	0.00E+00	1.21E-03
302	ALL	749034.2	4352021	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-04	1.65E-04	1.94E-06	2.11E-05	1.30E-04	2.82E-04	1.16E-03	1.34E-04	2.79E-04	0.00E+00	1.29E-04	2.29E-04	0.00E+00	0.00E+00	1.16E-03
167	ALL	748534.2	4351121	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-04	1.64E-04	1.94E-06	2.10E-05	1.30E-04	2.81E-04	1.16E-03	1.34E-04	2.79E-04	0.00E+00	1.29E-04	2.28E-04	0.00E+00	0.00E+00	1.16E-03
388	ALL	749434.2	4352421	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-04	1.64E-04	1.93E-06	2.09E-05	1.29E-04	2.80E-04	1.15E-03	1.34E-04	2.78E-04	0.00E+00	1.28E-04	2.27E-04	0.00E+00	0.00E+00	1.15E-03
282	ALL	749034.2	4351921	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-04	1.62E-04	1.91E-06	2.07E-05	1.28E-04	2.77E-04	1.14E-03	1.32E-04	2.74E-04	0.00E+00	1.27E-04	2.24E-04	0.00E+00	0.00E+00	1.14E-03
308	ALL	749634.2	4352021	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-04	1.61E-04	1.90E-06	2.06E-05	1.27E-04	2.76E-04	1.13E-03	1.31E-04	2.73E-04	0.00E+00	1.26E-04	2.24E-04	0.00E+00	0.00E+00	1.13E-03
324	ALL	749034.2	4352121	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-04	1.61E-04	1.90E-06	2.06E-05	1.27E-04	2.75E-04	1.13E-03	1.31E-04	2.73E-04	0.00E+00	1.26E-04	2.23E-04	0.00E+00	0.00E+00	1.13E-03
299	ALL	748034.2	4352021	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-04	1.61E-04	1.90E-06	2.06E-05	1.27E-04	2.75E-04	1.13E-03	1.31E-04	2.73E-04	0.00E+00	1.26E-04	2.23E-04	0.00E+00	0.00E+00	1.13E-03
387	ALL	749334.2	4352421	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-04	1.60E-04	1.89E-06	2.05E-05	1.27E-04	2.75E-04	1.13E-03	1.31E-04	2.72E-04	0.00E+00	1.26E-04	2.23E-04	0.00E+00	0.00E+00	1.13E-03
319	ALL	748034.2	4352121	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-04	1.60E-04	1.89E-06	2.05E-05	1.27E-04	2.74E-04	1.13E-03	1.31E-04	2.72E-04	0.00E+00	1.25E-04	2.22E-04	0.00E+00	0.00E+00	1.13E-03
283	ALL	749134.2	4351921	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-04	1.55E-04	1.83E-06	1.98E-05	1.22E-04	2.65E-04	1.09E-03	1.26E-04	2.63E-04	0.00E+00	1.21E-04	2.15E-04	0.00E+00	0.00E+00	1.09E-03
504	ALL	747934.2	4353321	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-04	1.54E-04	1.81E-06	1.97E-05	1.22E-04	2.63E-04	1.08E-03	1.26E-04	2.61E-04	0.00E+00	1.20E-04	2.14E-04	0.00E+00	0.00E+00	1.08E-03
407	ALL	749634.2	4352521	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-04	1.54E-04	1.81E-06	1.97E-05	1.22E-04	2.63E-04	1.08E-03	1.25E-04	2.61E-04	0.00E+00	1.20E-04	2.14E-04	0.00E+00	0.00E+00	1.08E-03
490	ALL	747934.2	4353221	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-04	1.52E-04	1.80E-06	1.95E-05	1.21E-04	2.61E-04	1.07E-03	1.24E-04	2.59E-04	0.00E+00	1.19E-04	2.12E-04	0.00E+00	0.00E+00	1.07E-03
164	ALL	748034.2	4351121	NonCancerChronic															

214 ALL	747934.2	4351521	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-04	1.35E-04	1.59E-06	1.73E-05	1.07E-04	2.31E-04	9.52E-04	1.10E-04	2.29E-04	0.00E+00	1.06E-04	1.88E-04	0.00E+00	0.00E+00	9.52E-04
390 ALL	749634.2	4352421	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-04	1.35E-04	1.59E-06	1.73E-05	1.07E-04	2.31E-04	9.51E-04	1.10E-04	2.29E-04	0.00E+00	1.06E-04	1.88E-04	0.00E+00	0.00E+00	9.51E-04
340 ALL	747934.2	4352221	NonCancerChronicDerived_InhSoilDermMMilk	1.10E-04	1.34E-04	1.58E-06	1.72E-05	1.06E-04	2.30E-04	9.46E-04	1.10E-04	2.28E-04	0.00E+00	1.05E-04	1.86E-04	0.00E+00	0.00E+00	9.46E-04
175 ALL	747934.2	4351221	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-04	1.33E-04	1.57E-06	1.70E-05	1.05E-04	2.27E-04	9.36E-04	1.08E-04	2.25E-04	0.00E+00	1.04E-04	1.85E-04	0.00E+00	0.00E+00	9.36E-04
350 ALL	749134.2	4352221	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-04	1.30E-04	1.53E-06	1.66E-05	1.03E-04	2.22E-04	9.15E-04	1.06E-04	2.20E-04	0.00E+00	1.02E-04	1.80E-04	0.00E+00	0.00E+00	9.15E-04
231 ALL	747934.2	4351621	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-04	1.29E-04	1.53E-06	1.66E-05	1.02E-04	2.21E-04	9.11E-04	1.06E-04	2.20E-04	0.00E+00	1.01E-04	1.80E-04	0.00E+00	0.00E+00	9.11E-04
372 ALL	749334.2	4352321	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-04	1.29E-04	1.52E-06	1.65E-05	1.02E-04	2.21E-04	9.10E-04	1.05E-04	2.19E-04	0.00E+00	1.01E-04	1.79E-04	0.00E+00	0.00E+00	9.10E-04
360 ALL	747934.2	4352321	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-04	1.28E-04	1.51E-06	1.64E-05	1.01E-04	2.19E-04	9.01E-04	1.04E-04	2.17E-04	0.00E+00	1.00E-04	1.78E-04	0.00E+00	0.00E+00	9.01E-04
262 ALL	747934.2	4351821	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-04	1.28E-04	1.51E-06	1.63E-05	1.01E-04	2.19E-04	9.00E-04	1.04E-04	2.17E-04	0.00E+00	1.00E-04	1.77E-04	0.00E+00	0.00E+00	9.00E-04
246 ALL	747934.2	4351721	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-04	1.27E-04	1.49E-06	1.62E-05	1.00E-04	2.17E-04	8.92E-04	1.03E-04	2.15E-04	0.00E+00	9.91E-05	1.76E-04	0.00E+00	0.00E+00	8.92E-04
152 ALL	748034.2	4351021	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-04	1.26E-04	1.49E-06	1.61E-05	9.97E-05	2.16E-04	8.88E-04	1.03E-04	2.14E-04	0.00E+00	9.87E-05	1.75E-04	0.00E+00	0.00E+00	8.88E-04
352 ALL	749334.2	4352221	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-04	1.25E-04	1.48E-06	1.60E-05	9.92E-05	2.15E-04	8.84E-04	1.02E-04	2.13E-04	0.00E+00	9.82E-05	1.74E-04	0.00E+00	0.00E+00	8.84E-04
303 ALL	749134.2	4352021	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-04	1.25E-04	1.48E-06	1.60E-05	9.91E-05	2.14E-04	8.82E-04	1.02E-04	2.13E-04	0.00E+00	9.81E-05	1.74E-04	0.00E+00	0.00E+00	8.82E-04
380 ALL	747934.2	4352421	NonCancerChronicDerived_InhSoilDermMMilk	1.03E-04	1.25E-04	1.48E-06	1.60E-05	9.90E-05	2.14E-04	8.82E-04	1.02E-04	2.12E-04	0.00E+00	9.80E-05	1.74E-04	0.00E+00	0.00E+00	8.82E-04
394 ALL	747934.2	4352521	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-04	1.24E-04	1.47E-06	1.59E-05	9.84E-05	2.13E-04	8.76E-04	1.01E-04	2.11E-04	0.00E+00	9.73E-05	1.73E-04	0.00E+00	0.00E+00	8.76E-04
304 ALL	749234.2	4352021	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-04	1.24E-04	1.46E-06	1.58E-05	9.79E-05	2.12E-04	8.72E-04	1.01E-04	2.10E-04	0.00E+00	9.69E-05	1.72E-04	0.00E+00	0.00E+00	8.72E-04
163 ALL	747934.2	4351921	NonCancerChronicDerived_InhSoilDermMMilk	9.97E-05	1.22E-04	1.44E-06	1.56E-05	9.63E-05	2.08E-04	8.57E-04	9.93E-05	2.07E-04	0.00E+00	9.53E-05	1.69E-04	0.00E+00	0.00E+00	8.57E-04
375 ALL	749634.2	4352321	NonCancerChronicDerived_InhSoilDermMMilk	9.95E-05	1.21E-04	1.43E-06	1.55E-05	9.61E-05	2.08E-04	8.56E-04	9.91E-05	2.06E-04	0.00E+00	9.51E-05	1.69E-04	0.00E+00	0.00E+00	8.56E-04
503 ALL	747834.2	4353321	NonCancerChronicDerived_InhSoilDermMMilk	9.84E-05	1.20E-04	1.42E-06	1.54E-05	9.50E-05	2.06E-04	8.46E-04	9.80E-05	2.04E-04	0.00E+00	9.40E-05	1.67E-04	0.00E+00	0.00E+00	8.46E-04
277 ALL	747934.2	4351921	NonCancerChronicDerived_InhSoilDermMMilk	9.73E-05	1.19E-04	1.40E-06	1.52E-05	9.39E-05	2.03E-04	8.36E-04	9.69E-05	2.02E-04	0.00E+00	9.29E-05	1.65E-04	0.00E+00	0.00E+00	8.36E-04
489 ALL	747834.2	4353221	NonCancerChronicDerived_InhSoilDermMMilk	9.64E-05	1.18E-04	1.39E-06	1.50E-05	9.31E-05	2.01E-04	8.29E-04	9.60E-05	2.00E-04	0.00E+00	9.21E-05	1.63E-04	0.00E+00	0.00E+00	8.29E-04
325 ALL	749134.2	4352121	NonCancerChronicDerived_InhSoilDermMMilk	9.47E-05	1.16E-04	1.36E-06	1.48E-05	9.15E-05	1.98E-04	8.14E-04	9.43E-05	1.96E-04	0.00E+00	9.05E-05	1.61E-04	0.00E+00	0.00E+00	8.14E-04
475 ALL	747834.2	4353121	NonCancerChronicDerived_InhSoilDermMMilk	9.36E-05	1.14E-04	1.35E-06	1.46E-05	9.04E-05	1.96E-04	8.05E-04	9.32E-05	1.94E-04	0.00E+00	8.94E-05	1.59E-04	0.00E+00	0.00E+00	8.05E-04
327 ALL	749334.2	4352121	NonCancerChronicDerived_InhSoilDermMMilk	9.29E-05	1.13E-04	1.34E-06	1.45E-05	8.97E-05	1.94E-04	7.99E-04	9.26E-05	1.93E-04	0.00E+00	8.88E-05	1.58E-04	0.00E+00	0.00E+00	7.99E-04
420 ALL	747834.2	4352721	NonCancerChronicDerived_InhSoilDermMMilk	9.10E-05	1.11E-04	1.31E-06	1.42E-05	8.78E-05	1.90E-04	7.82E-04	9.06E-05	1.88E-04	0.00E+00	8.69E-05	1.54E-04	0.00E+00	0.00E+00	7.82E-04
351 ALL	749234.2	4352221	NonCancerChronicDerived_InhSoilDermMMilk	9.04E-05	1.10E-04	1.30E-06	1.41E-05	8.73E-05	1.89E-04	7.77E-04	9.00E-05	1.87E-04	0.00E+00	8.64E-05	1.53E-04	0.00E+00	0.00E+00	7.77E-04
461 ALL	747834.2	4353021	NonCancerChronicDerived_InhSoilDermMMilk	9.00E-05	1.10E-04	1.30E-06	1.41E-05	8.69E-05	1.88E-04	7.74E-04	8.97E-05	1.86E-04	0.00E+00	8.60E-05	1.53E-04	0.00E+00	0.00E+00	7.74E-04
318 ALL	747934.2	4352121	NonCancerChronicDerived_InhSoilDermMMilk	8.86E-05	1.08E-04	1.28E-06	1.38E-05	8.55E-05	1.85E-04	7.62E-04	8.82E-05	1.84E-04	0.00E+00	8.47E-05	1.50E-04	0.00E+00	0.00E+00	7.62E-04
151 ALL	747934.2	4352121	NonCancerChronicDerived_InhSoilDermMMilk	8.85E-05	1.08E-04	1.27E-06	1.38E-05	8.55E-05	1.85E-04	7.61E-04	8.82E-05	1.83E-04	0.00E+00	8.46E-05	1.50E-04	0.00E+00	0.00E+00	7.61E-04
329 ALL	749534.2	4352121	NonCancerChronicDerived_InhSoilDermMMilk	8.69E-05	1.06E-04	1.25E-06	1.36E-05	8.39E-05	1.82E-04	7.47E-04	8.66E-05	1.80E-04	0.00E+00	8.30E-05	1.47E-04	0.00E+00	0.00E+00	7.47E-04
153 ALL	748334.2	4351021	NonCancerChronicDerived_InhSoilDermMMilk	8.65E-05	1.06E-04	1.25E-06	1.35E-05	8.35E-05	1.81E-04	7.43E-04	8.61E-05	1.79E-04	0.00E+00	8.26E-05	1.47E-04	0.00E+00	0.00E+00	7.43E-04
446 ALL	747834.2	4352921	NonCancerChronicDerived_InhSoilDermMMilk	8.57E-05	1.05E-04	1.23E-06	1.34E-05	8.27E-05	1.79E-04	7.37E-04	8.53E-05	1.78E-04	0.00E+00	8.19E-05	1.45E-04	0.00E+00	0.00E+00	7.37E-04
140 ALL	748034.2	4350921	NonCancerChronicDerived_InhSoilDermMMilk	8.43E-05	1.03E-04	1.21E-06	1.32E-05	8.14E-05	1.76E-04	7.25E-04	8.40E-05	1.75E-04	0.00E+00	8.05E-05	1.43E-04	0.00E+00	0.00E+00	7.25E-04
141 ALL	748134.2	4350921	NonCancerChronicDerived_InhSoilDermMMilk	8.41E-05	1.03E-04	1.21E-06	1.31E-05	8.12E-05	1.76E-04	7.23E-04	8.37E-05	1.74E-04	0.00E+00	8.03E-05	1.43E-04	0.00E+00	0.00E+00	7.23E-04
298 ALL	747934.2	4352021	NonCancerChronicDerived_InhSoilDermMMilk	8.30E-05	1.01E-04	1.20E-06	1.30E-05	8.02E-05	1.73E-04	7.14E-04	8.27E-05	1.72E-04	0.00E+00	7.93E-05	1.41E-04	0.00E+00	0.00E+00	7.14E-04
326 ALL	749234.2	4352121	NonCancerChronicDerived_InhSoilDermMMilk	8.25E-05	1.01E-04	1.19E-06	1.29E-05	7.96E-05	1.72E-04	7.09E-04	8.22E-05	1.71E-04	0.00E+00	7.88E-05	1.40E-04	0.00E+00	0.00E+00	7.09E-04
433 ALL	747834.2	4352821	NonCancerChronicDerived_InhSoilDermMMilk	8.23E-05	1.00E-04	1.19E-06	1.29E-05	7.95E-05	1.72E-04	7.08E-04	8.20E-05	1.71E-04	0.00E+00	7.87E-05	1.40E-04	0.00E+00	0.00E+00	7.08E-04
359 ALL	747834.2	4352321	NonCancerChronicDerived_InhSoilDermMMilk	8.21E-05	1.00E-04	1.18E-06	1.28E-05	7.93E-05	1.71E-04	7.06E-04	8.18E-05	1.70E-04	0.00E+00	7.84E-05	1.39E-04	0.00E+00	0.00E+00	7.06E-04
410 ALL	747834.2	4352621	NonCancerChronicDerived_InhSoilDermMMilk	8.11E-05	9.89E-05	1.17E-06	1.27E-05	7.83E-05	1.69E-04	6.97E-04	8.07E-05	1.68E-04	0.00E+00	7.74E-05	1.37E-04	0.00E+00	0.00E+00	6.97E-04
393 ALL	747834.2	4352521	NonCancerChronicDerived_InhSoilDermMMilk	8.04E-05	9.81E-05	1.16E-06	1.25E-05	7.76E-05	1.68E-04	6.91E-04	8.01E-05	1.67E-04	0.00E+00	7.68E-05	1.36E-04	0.00E+00	0.00E+00	6.91E-04
142 ALL	748234.2	4350921	NonCancerChronicDerived_InhSoilDermMMilk	7.92E-05	9.66E-05	1.14E-06	1.24E-05	7.64E-05	1.65E-04	6.81E-04	7.89E-05	1.64E-04	0.00E+00	7.56E-05	1.34E-04	0.00E+00	0.00E+00	6.81E-04
379 ALL	747834.2	4352421	NonCancerChronicDerived_InhSoilDermMMilk	7.87E-05	9.60E-05	1.13E-06	1.23E-05	7.60E-05	1.64E-04	6.76E-04	7.83E-05	1.63E-04	0.00E+00	7.52E-05	1.33E-04	0.00E+00	0.00E+00	6.76E-04
139 ALL	747934.2	4350921	NonCancerChronicDerived_InhSoilDermMMilk	7.83E-05	9.56E-05	1.13E-06	1.22E-05	7.56E-05	1.64E-04	6.73E-04	7.80E-05	1.62E-04	0.00E+00	7.48E-05	1.33E-04	0.00E+00	0.00E+00	6.73E-04
502 ALL	747734.2	4353321	NonCancerChronicDerived_InhSoilDermMMilk	7.81E-05	9.54E-05	1.13E-06	1.22E-05	7.55E-05	1.63E-04	6.72E-04	7.78E-05	1.62E-04	0.00E+00	7.47E-05	1.32E-04	0.00E+00	0.00E+00	6.72E-04
174 ALL	747834.2	4351221	NonCancerChronicDerived_InhSoilDermMMilk	7.68E-05	9.37E-05	1.11E-06	1.20E-05	7.42E-05	1.60E-04	6.60E-04	7.65E-05	1.59E-04	0.00E+00	7.34E-05	1.30E-04	0.00E+00	0.00E+00	6.60E-04
186 ALL	747834.2	4351321	NonCancerChronicDerived_InhSoilDermMMilk	7.62E-05	9.30E-05	1.10E-06	1.19E-05	7.36E-05	1.59E-04	6.55E-04	7.59E-05	1.58E-04	0.00E+00	7.28E-05	1.29E-04	0.00E+00	0.00E+00	6.55E-04
339 ALL	747834.2	4352221	NonCancerChronicDerived_InhSoilDermMMilk	7.57E-05	9.23E-05	1.09E-06	1.18E-05	7.30E-05	1.58E-04	6.50E-04	7.53E-05	1.57E-04	0.00E+00	7.23E-05	1.28E-04	0.00E+00	0.00E+00	6.50E-04
488 ALL	747734.2	4353221	NonCancerChronicDerived_InhSoilDermMMilk	7.54E-05	9.21E-05	1.09E-06	1.18E-05	7.28E-05	1.58E-04	6.49E-04	7.51E-05	1.56E-04	0.00E+00	7.21E-05	1.28E-04	0.00E+00	0.00E+00	6.49E-04
200 ALL	747834.2	4351421	NonCancerChronicDerived_InhSoilDermMMilk	7.46E-05	9.10E-05	1.07E-06	1.16E-05	7.20E-05	1.56E-04	6.41E-04	7.43E-05	1.54E-04	0.00E+00	7.13E-05	1.26E-04			

156	ALL	748634.2	4351021	NonCancerChronicDerived_InhSoilDermMMilk	6.80E-05	8.29E-05	9.78E-07	1.06E-05	6.56E-05	1.42E-04	5.84E-04	6.77E-05	1.41E-04	0.00E+00	6.49E-05	1.15E-04	0.00E+00	0.00E+00	5.84E-04
127	ALL	747934.2	4350821	NonCancerChronicDerived_InhSoilDermMMilk	6.76E-05	8.25E-05	9.74E-07	1.06E-05	6.53E-05	1.41E-04	5.81E-04	6.74E-05	1.40E-04	0.00E+00	6.46E-05	1.15E-04	0.00E+00	0.00E+00	5.81E-04
129	ALL	748134.2	4350821	NonCancerChronicDerived_InhSoilDermMMilk	6.65E-05	8.12E-05	9.58E-07	1.04E-05	6.43E-05	1.39E-04	5.72E-04	6.63E-05	1.38E-04	0.00E+00	6.36E-05	1.13E-04	0.00E+00	0.00E+00	5.72E-04
409	ALL	747734.2	4352621	NonCancerChronicDerived_InhSoilDermMMilk	6.59E-05	8.04E-05	9.49E-07	1.03E-05	6.36E-05	1.38E-04	5.67E-04	6.56E-05	1.37E-04	0.00E+00	6.30E-05	1.12E-04	0.00E+00	0.00E+00	5.67E-04
138	ALL	747834.2	4350921	NonCancerChronicDerived_InhSoilDermMMilk	6.54E-05	7.99E-05	9.42E-07	1.02E-05	6.32E-05	1.37E-04	5.63E-04	6.52E-05	1.36E-04	0.00E+00	6.25E-05	1.11E-04	0.00E+00	0.00E+00	5.63E-04
419	ALL	747734.2	4352721	NonCancerChronicDerived_InhSoilDermMMilk	6.49E-05	7.92E-05	9.34E-07	1.01E-05	6.26E-05	1.36E-04	5.58E-04	6.46E-05	1.34E-04	0.00E+00	6.20E-05	1.10E-04	0.00E+00	0.00E+00	5.58E-04
276	ALL	747834.2	4351921	NonCancerChronicDerived_InhSoilDermMMilk	6.46E-05	7.89E-05	9.31E-07	1.01E-05	6.24E-05	1.35E-04	5.56E-04	6.44E-05	1.34E-04	0.00E+00	6.18E-05	1.10E-04	0.00E+00	0.00E+00	5.56E-04
445	ALL	747734.2	4352921	NonCancerChronicDerived_InhSoilDermMMilk	6.45E-05	7.87E-05	9.28E-07	1.01E-05	6.23E-05	1.35E-04	5.54E-04	6.42E-05	1.34E-04	0.00E+00	6.16E-05	1.09E-04	0.00E+00	0.00E+00	5.54E-04
392	ALL	747734.2	4352521	NonCancerChronicDerived_InhSoilDermMMilk	6.39E-05	7.80E-05	9.20E-07	9.97E-06	6.17E-05	1.33E-04	5.49E-04	6.36E-05	1.32E-04	0.00E+00	6.10E-05	1.08E-04	0.00E+00	0.00E+00	5.49E-04
130	ALL	748234.2	4350821	NonCancerChronicDerived_InhSoilDermMMilk	6.33E-05	7.73E-05	9.12E-07	9.89E-06	6.12E-05	1.32E-04	5.44E-04	6.31E-05	1.31E-04	0.00E+00	6.05E-05	1.07E-04	0.00E+00	0.00E+00	5.44E-04
501	ALL	747634.2	4353321	NonCancerChronicDerived_InhSoilDermMMilk	6.24E-05	7.62E-05	8.99E-07	9.74E-06	6.03E-05	1.30E-04	5.37E-04	6.22E-05	1.29E-04	0.00E+00	5.96E-05	1.06E-04	0.00E+00	0.00E+00	5.37E-04
432	ALL	747734.2	4352821	NonCancerChronicDerived_InhSoilDermMMilk	6.23E-05	7.60E-05	8.97E-07	9.72E-06	6.01E-05	1.30E-04	5.35E-04	6.20E-05	1.29E-04	0.00E+00	5.95E-05	1.06E-04	0.00E+00	0.00E+00	5.35E-04
126	ALL	747834.2	4350821	NonCancerChronicDerived_InhSoilDermMMilk	6.04E-05	7.37E-05	8.69E-07	9.42E-06	5.83E-05	1.26E-04	5.19E-04	6.01E-05	1.25E-04	0.00E+00	5.77E-05	1.02E-04	0.00E+00	0.00E+00	5.19E-04
273	ALL	747534.2	4351921	NonCancerChronicDerived_InhSoilDermMMilk	6.03E-05	7.36E-05	8.68E-07	9.41E-06	5.82E-05	1.26E-04	5.18E-04	6.00E-05	1.25E-04	0.00E+00	5.76E-05	1.02E-04	0.00E+00	0.00E+00	5.18E-04
378	ALL	747734.2	4352421	NonCancerChronicDerived_InhSoilDermMMilk	5.96E-05	7.27E-05	8.58E-07	9.30E-06	5.75E-05	1.24E-04	5.12E-04	5.93E-05	1.23E-04	0.00E+00	5.69E-05	1.01E-04	0.00E+00	0.00E+00	5.12E-04
487	ALL	747634.2	4353221	NonCancerChronicDerived_InhSoilDermMMilk	5.94E-05	7.25E-05	8.55E-07	9.27E-06	5.73E-05	1.24E-04	5.11E-04	5.91E-05	1.23E-04	0.00E+00	5.67E-05	1.01E-04	0.00E+00	0.00E+00	5.11E-04
115	ALL	747934.2	4350721	NonCancerChronicDerived_InhSoilDermMMilk	5.90E-05	7.20E-05	8.49E-07	9.21E-06	5.70E-05	1.23E-04	5.07E-04	5.88E-05	1.22E-04	0.00E+00	5.64E-05	1.00E-04	0.00E+00	0.00E+00	5.07E-04
116	ALL	748034.2	4350721	NonCancerChronicDerived_InhSoilDermMMilk	5.85E-05	7.14E-05	8.42E-07	9.13E-06	5.65E-05	1.22E-04	5.03E-04	5.83E-05	1.21E-04	0.00E+00	5.59E-05	9.92E-05	0.00E+00	0.00E+00	5.03E-04
144	ALL	748434.2	4350921	NonCancerChronicDerived_InhSoilDermMMilk	5.79E-05	7.06E-05	8.33E-07	9.03E-06	5.59E-05	1.21E-04	4.98E-04	5.76E-05	1.20E-04	0.00E+00	5.53E-05	9.81E-05	0.00E+00	0.00E+00	4.98E-04
131	ALL	748334.2	4350821	NonCancerChronicDerived_InhSoilDermMMilk	5.72E-05	6.98E-05	8.24E-07	8.93E-06	5.52E-05	1.20E-04	4.92E-04	5.70E-05	1.19E-04	0.00E+00	5.47E-05	9.70E-05	0.00E+00	0.00E+00	4.92E-04
288	ALL	749634.2	4351921	NonCancerChronicDerived_InhSoilDermMMilk	5.72E-05	6.98E-05	8.23E-07	8.92E-06	5.52E-05	1.19E-04	4.91E-04	5.69E-05	1.18E-04	0.00E+00	5.46E-05	9.69E-05	0.00E+00	0.00E+00	4.91E-04
257	ALL	747434.2	4351821	NonCancerChronicDerived_InhSoilDermMMilk	5.67E-05	6.92E-05	8.16E-07	8.85E-06	5.47E-05	1.18E-04	4.87E-04	5.65E-05	1.17E-04	0.00E+00	5.42E-05	9.61E-05	0.00E+00	0.00E+00	4.87E-04
473	ALL	747634.2	4353121	NonCancerChronicDerived_InhSoilDermMMilk	5.63E-05	6.87E-05	8.10E-07	8.79E-06	5.44E-05	1.18E-04	4.84E-04	5.61E-05	1.17E-04	0.00E+00	5.38E-05	9.54E-05	0.00E+00	0.00E+00	4.84E-04
338	ALL	747734.2	4352221	NonCancerChronicDerived_InhSoilDermMMilk	5.63E-05	6.87E-05	8.10E-07	8.78E-06	5.43E-05	1.18E-04	4.84E-04	5.60E-05	1.17E-04	0.00E+00	5.38E-05	9.54E-05	0.00E+00	0.00E+00	4.84E-04
408	ALL	747634.2	4352621	NonCancerChronicDerived_InhSoilDermMMilk	5.60E-05	6.84E-05	8.07E-07	8.75E-06	5.41E-05	1.17E-04	4.82E-04	5.58E-05	1.16E-04	0.00E+00	5.35E-05	9.50E-05	0.00E+00	0.00E+00	4.82E-04
358	ALL	747734.2	4352321	NonCancerChronicDerived_InhSoilDermMMilk	5.59E-05	6.82E-05	8.04E-07	8.72E-06	5.39E-05	1.17E-04	4.80E-04	5.56E-05	1.16E-04	0.00E+00	5.34E-05	9.47E-05	0.00E+00	0.00E+00	4.80E-04
244	ALL	747734.2	4351721	NonCancerChronicDerived_InhSoilDermMMilk	5.58E-05	6.81E-05	8.04E-07	8.71E-06	5.39E-05	1.17E-04	4.80E-04	5.56E-05	1.16E-04	0.00E+00	5.33E-05	9.46E-05	0.00E+00	0.00E+00	4.80E-04
117	ALL	748134.2	4350721	NonCancerChronicDerived_InhSoilDermMMilk	5.56E-05	6.78E-05	8.00E-07	8.68E-06	5.37E-05	1.16E-04	4.78E-04	5.54E-05	1.15E-04	0.00E+00	5.31E-05	9.42E-05	0.00E+00	0.00E+00	4.78E-04
297	ALL	747834.2	4350721	NonCancerChronicDerived_InhSoilDermMMilk	5.54E-05	6.76E-05	7.98E-07	8.65E-06	5.35E-05	1.16E-04	4.76E-04	5.52E-05	1.15E-04	0.00E+00	5.29E-05	9.39E-05	0.00E+00	0.00E+00	4.76E-04
317	ALL	747834.2	4352121	NonCancerChronicDerived_InhSoilDermMMilk	5.53E-05	6.75E-05	7.96E-07	8.63E-06	5.34E-05	1.16E-04	4.75E-04	5.51E-05	1.15E-04	0.00E+00	5.28E-05	9.37E-05	0.00E+00	0.00E+00	4.75E-04
114	ALL	747834.2	4350721	NonCancerChronicDerived_InhSoilDermMMilk	5.50E-05	6.72E-05	7.92E-07	8.59E-06	5.31E-05	1.15E-04	4.73E-04	5.48E-05	1.14E-04	0.00E+00	5.26E-05	9.33E-05	0.00E+00	0.00E+00	4.73E-04
337	ALL	747634.2	4352221	NonCancerChronicDerived_InhSoilDermMMilk	5.49E-05	6.70E-05	7.91E-07	8.57E-06	5.30E-05	1.15E-04	4.72E-04	5.47E-05	1.14E-04	0.00E+00	5.25E-05	9.31E-05	0.00E+00	0.00E+00	4.72E-04
161	ALL	747734.2	4351121	NonCancerChronicDerived_InhSoilDermMMilk	5.49E-05	6.70E-05	7.91E-07	8.57E-06	5.30E-05	1.15E-04	4.72E-04	5.47E-05	1.14E-04	0.00E+00	5.25E-05	9.31E-05	0.00E+00	0.00E+00	4.72E-04
260	ALL	747734.2	4351821	NonCancerChronicDerived_InhSoilDermMMilk	5.48E-05	6.69E-05	7.90E-07	8.56E-06	5.29E-05	1.15E-04	4.71E-04	5.46E-05	1.14E-04	0.00E+00	5.24E-05	9.30E-05	0.00E+00	0.00E+00	4.71E-04
173	ALL	747734.2	4351221	NonCancerChronicDerived_InhSoilDermMMilk	5.47E-05	6.68E-05	7.88E-07	8.54E-06	5.28E-05	1.14E-04	4.70E-04	5.45E-05	1.13E-04	0.00E+00	5.23E-05	9.28E-05	0.00E+00	0.00E+00	4.70E-04
272	ALL	747434.2	4351921	NonCancerChronicDerived_InhSoilDermMMilk	5.43E-05	6.63E-05	7.82E-07	8.48E-06	5.25E-05	1.14E-04	4.67E-04	5.41E-05	1.13E-04	0.00E+00	5.19E-05	9.21E-05	0.00E+00	0.00E+00	4.67E-04
229	ALL	747734.2	4351621	NonCancerChronicDerived_InhSoilDermMMilk	5.41E-05	6.60E-05	7.79E-07	8.45E-06	5.23E-05	1.13E-04	4.65E-04	5.39E-05	1.12E-04	0.00E+00	5.17E-05	9.17E-05	0.00E+00	0.00E+00	4.65E-04
185	ALL	747734.2	4351321	NonCancerChronicDerived_InhSoilDermMMilk	5.40E-05	6.59E-05	7.77E-07	8.43E-06	5.21E-05	1.13E-04	4.64E-04	5.38E-05	1.12E-04	0.00E+00	5.16E-05	9.15E-05	0.00E+00	0.00E+00	4.64E-04
459	ALL	747634.2	4353021	NonCancerChronicDerived_InhSoilDermMMilk	5.38E-05	6.56E-05	7.74E-07	8.39E-06	5.19E-05	1.12E-04	4.62E-04	5.35E-05	1.11E-04	0.00E+00	5.14E-05	9.11E-05	0.00E+00	0.00E+00	4.62E-04
391	ALL	747634.2	4352521	NonCancerChronicDerived_InhSoilDermMMilk	5.37E-05	6.56E-05	7.74E-07	8.39E-06	5.19E-05	1.12E-04	4.62E-04	5.35E-05	1.11E-04	0.00E+00	5.14E-05	9.11E-05	0.00E+00	0.00E+00	4.62E-04
199	ALL	747734.2	4351421	NonCancerChronicDerived_InhSoilDermMMilk	5.36E-05	6.55E-05	7.72E-07	8.37E-06	5.18E-05	1.12E-04	4.61E-04	5.34E-05	1.11E-04	0.00E+00	5.12E-05	9.09E-05	0.00E+00	0.00E+00	4.61E-04
149	ALL	747734.2	4351021	NonCancerChronicDerived_InhSoilDermMMilk	5.36E-05	6.54E-05	7.71E-07	8.36E-06	5.17E-05	1.12E-04	4.61E-04	5.34E-05	1.11E-04	0.00E+00	5.12E-05	9.08E-05	0.00E+00	0.00E+00	4.61E-04
212	ALL	747734.2	4351521	NonCancerChronicDerived_InhSoilDermMMilk	5.34E-05	6.52E-05	7.69E-07	8.34E-06	5.16E-05	1.12E-04	4.59E-04	5.32E-05	1.11E-04	0.00E+00	5.10E-05	9.05E-05	0.00E+00	0.00E+00	4.59E-04
118	ALL	748234.2	4350721	NonCancerChronicDerived_InhSoilDermMMilk	5.30E-05	6.47E-05	7.63E-07	8.27E-06	5.12E-05	1.11E-04	4.56E-04	5.28E-05	1.10E-04	0.00E+00	5.06E-05	8.98E-05	0.00E+00	0.00E+00	4.56E-04
294	ALL	747534.2	4352021	NonCancerChronicDerived_InhSoilDermMMilk	5.30E-05	6.47E-05	7.63E-07	8.27E-06	5.12E-05	1.11E-04	4.55E-04	5.28E-05	1.10E-04	0.00E+00	5.06E-05	8.98E-05	0.00E+00	0.00E+00	4.55E-04
256	ALL	747334.2	4351821	NonCancerChronicDerived_InhSoilDermMMilk	5.26E-05	6.42E-05	7.58E-07	8.22E-06	5.08E-05	1.10E-04	4.52E-04	5.24E-05	1.09E-04	0.00E+00	5.03E-05	8.92E-05	0.00E+00	0.00E+00	4.52E-04
271	ALL	747334.2	4351921	NonCancerChronicDerived_InhSoilDermMMilk	5.26E-05	6.41E-05	7.57E-07	8.21E-06	5.08E-05	1.10E-04	4.52E-04	5.24E-05	1.09E-04	0.00E+00	5.02E-05	8.91E-05	0.00E+00	0.00E+00	4.52E-04
137	ALL	747734.2	4350921	NonCancerChronicDerived_InhSoilDermMMilk	5.23E-05	6.38E-05	7.53E-07	8.16E-06	5.05E-05	1.09E-04	4.50E-04	5.21E-05	1.08E-04	0.00E+00	5.00E-05	8.86E-05	0.00E+00	0.00E+00	4.50E-04
444	ALL	7476																	

240	ALL	747334.2	4351721	NonCancerChronicDerived_InhSoilDermMMilk	4.82E-05	5.88E-05	6.94E-07	7.52E-06	4.65E-05	1.01E-04	4.14E-04	4.80E-05	9.99E-05	0.00E+00	4.61E-05	8.17E-05	0.00E+00	0.00E+00	4.14E-04
119	ALL	748334.2	4350721	NonCancerChronicDerived_InhSoilDermMMilk	4.82E-05	5.88E-05	6.94E-07	7.52E-06	4.65E-05	1.01E-04	4.14E-04	4.80E-05	9.98E-05	0.00E+00	4.60E-05	8.17E-05	0.00E+00	0.00E+00	4.14E-04
105	ALL	748134.2	4350621	NonCancerChronicDerived_InhSoilDermMMilk	4.79E-05	5.84E-05	6.89E-07	7.47E-06	4.62E-05	1.00E-04	4.12E-04	4.77E-05	9.92E-05	0.00E+00	4.58E-05	8.12E-05	0.00E+00	0.00E+00	4.12E-04
313	ALL	747434.2	4352121	NonCancerChronicDerived_InhSoilDermMMilk	4.78E-05	5.84E-05	6.88E-07	7.46E-06	4.62E-05	9.99E-05	4.11E-04	4.76E-05	9.91E-05	0.00E+00	4.57E-05	8.11E-05	0.00E+00	0.00E+00	4.11E-04
132	ALL	748434.2	4350821	NonCancerChronicDerived_InhSoilDermMMilk	4.75E-05	5.80E-05	6.84E-07	7.42E-06	4.59E-05	9.93E-05	4.09E-04	4.73E-05	9.85E-05	0.00E+00	4.54E-05	8.06E-05	0.00E+00	0.00E+00	4.09E-04
335	ALL	747434.2	4352221	NonCancerChronicDerived_InhSoilDermMMilk	4.59E-05	5.60E-05	6.61E-07	7.16E-06	4.43E-05	9.59E-05	3.95E-04	4.57E-05	9.51E-05	0.00E+00	4.39E-05	7.78E-05	0.00E+00	0.00E+00	3.95E-04
101	ALL	747734.2	4350621	NonCancerChronicDerived_InhSoilDermMMilk	4.57E-05	5.58E-05	6.59E-07	7.14E-06	4.42E-05	9.55E-05	3.93E-04	4.56E-05	9.48E-05	0.00E+00	4.37E-05	7.75E-05	0.00E+00	0.00E+00	3.93E-04
292	ALL	747334.2	4352021	NonCancerChronicDerived_InhSoilDermMMilk	4.56E-05	5.56E-05	6.56E-07	7.12E-06	4.40E-05	9.52E-05	3.92E-04	4.54E-05	9.45E-05	0.00E+00	4.36E-05	7.73E-05	0.00E+00	0.00E+00	3.92E-04
106	ALL	748234.2	4350621	NonCancerChronicDerived_InhSoilDermMMilk	4.53E-05	5.53E-05	6.52E-07	7.07E-06	4.37E-05	9.46E-05	3.89E-04	4.51E-05	9.38E-05	0.00E+00	4.33E-05	7.68E-05	0.00E+00	0.00E+00	3.89E-04
91	ALL	747934.2	4350521	NonCancerChronicDerived_InhSoilDermMMilk	4.52E-05	5.51E-05	6.50E-07	7.05E-06	4.36E-05	9.44E-05	3.88E-04	4.50E-05	9.36E-05	0.00E+00	4.32E-05	7.66E-05	0.00E+00	0.00E+00	3.88E-04
259	ALL	747634.2	4351821	NonCancerChronicDerived_InhSoilDermMMilk	4.51E-05	5.51E-05	6.50E-07	7.05E-06	4.36E-05	9.43E-05	3.88E-04	4.50E-05	9.35E-05	0.00E+00	4.31E-05	7.65E-05	0.00E+00	0.00E+00	3.88E-04
90	ALL	747834.2	4350521	NonCancerChronicDerived_InhSoilDermMMilk	4.50E-05	5.50E-05	6.49E-07	7.03E-06	4.35E-05	9.41E-05	3.87E-04	4.49E-05	9.33E-05	0.00E+00	4.30E-05	7.64E-05	0.00E+00	0.00E+00	3.87E-04
356	ALL	747534.2	4352321	NonCancerChronicDerived_InhSoilDermMMilk	4.47E-05	5.46E-05	6.44E-07	6.98E-06	4.32E-05	9.34E-05	3.84E-04	4.45E-05	9.26E-05	0.00E+00	4.27E-05	7.58E-05	0.00E+00	0.00E+00	3.84E-04
258	ALL	747534.2	4351821	NonCancerChronicDerived_InhSoilDermMMilk	4.47E-05	5.45E-05	6.43E-07	6.97E-06	4.31E-05	9.33E-05	3.84E-04	4.45E-05	9.25E-05	0.00E+00	4.27E-05	7.57E-05	0.00E+00	0.00E+00	3.84E-04
315	ALL	747634.2	4352121	NonCancerChronicDerived_InhSoilDermMMilk	4.42E-05	5.40E-05	6.37E-07	6.90E-06	4.27E-05	9.24E-05	3.80E-04	4.40E-05	9.16E-05	0.00E+00	4.23E-05	7.50E-05	0.00E+00	0.00E+00	3.80E-04
243	ALL	747634.2	4351721	NonCancerChronicDerived_InhSoilDermMMilk	4.40E-05	5.37E-05	6.34E-07	6.87E-06	4.25E-05	9.20E-05	3.78E-04	4.38E-05	9.12E-05	0.00E+00	4.21E-05	7.46E-05	0.00E+00	0.00E+00	3.78E-04
92	ALL	748034.2	4350521	NonCancerChronicDerived_InhSoilDermMMilk	4.39E-05	5.35E-05	6.32E-07	6.85E-06	4.24E-05	9.16E-05	3.77E-04	4.37E-05	9.09E-05	0.00E+00	4.19E-05	7.44E-05	0.00E+00	0.00E+00	3.77E-04
316	ALL	747734.2	4352121	NonCancerChronicDerived_InhSoilDermMMilk	4.30E-05	5.25E-05	6.20E-07	6.72E-06	4.15E-05	8.99E-05	3.70E-04	4.29E-05	8.91E-05	0.00E+00	4.11E-05	7.29E-05	0.00E+00	0.00E+00	3.70E-04
357	ALL	747634.2	4352321	NonCancerChronicDerived_InhSoilDermMMilk	4.30E-05	5.25E-05	6.19E-07	6.72E-06	4.15E-05	8.99E-05	3.70E-04	4.28E-05	8.91E-05	0.00E+00	4.11E-05	7.29E-05	0.00E+00	0.00E+00	3.70E-04
228	ALL	747634.2	4351621	NonCancerChronicDerived_InhSoilDermMMilk	4.30E-05	5.25E-05	6.19E-07	6.71E-06	4.15E-05	8.98E-05	3.70E-04	4.28E-05	8.91E-05	0.00E+00	4.11E-05	7.29E-05	0.00E+00	0.00E+00	3.70E-04
93	ALL	748134.2	4350521	NonCancerChronicDerived_InhSoilDermMMilk	4.28E-05	5.22E-05	6.16E-07	6.67E-06	4.13E-05	8.93E-05	3.68E-04	4.26E-05	8.86E-05	0.00E+00	4.09E-05	7.25E-05	0.00E+00	0.00E+00	3.68E-04
274	ALL	747634.2	4351921	NonCancerChronicDerived_InhSoilDermMMilk	4.27E-05	5.21E-05	6.15E-07	6.67E-06	4.13E-05	8.92E-05	3.67E-04	4.26E-05	8.85E-05	0.00E+00	4.08E-05	7.24E-05	0.00E+00	0.00E+00	3.67E-04
296	ALL	747734.2	4352021	NonCancerChronicDerived_InhSoilDermMMilk	4.25E-05	5.19E-05	6.12E-07	6.63E-06	4.10E-05	8.88E-05	3.65E-04	4.23E-05	8.80E-05	0.00E+00	4.06E-05	7.20E-05	0.00E+00	0.00E+00	3.65E-04
89	ALL	747734.2	4350521	NonCancerChronicDerived_InhSoilDermMMilk	4.22E-05	5.15E-05	6.08E-07	6.59E-06	4.08E-05	8.82E-05	3.63E-04	4.20E-05	8.74E-05	0.00E+00	4.03E-05	7.16E-05	0.00E+00	0.00E+00	3.63E-04
211	ALL	747634.2	4351521	NonCancerChronicDerived_InhSoilDermMMilk	4.22E-05	5.15E-05	6.07E-07	6.59E-06	4.07E-05	8.81E-05	3.63E-04	4.20E-05	8.74E-05	0.00E+00	4.03E-05	7.15E-05	0.00E+00	0.00E+00	3.63E-04
107	ALL	748334.2	4350621	NonCancerChronicDerived_InhSoilDermMMilk	4.17E-05	5.09E-05	6.00E-07	6.51E-06	4.03E-05	8.71E-05	3.59E-04	4.15E-05	8.64E-05	0.00E+00	3.98E-05	7.07E-05	0.00E+00	0.00E+00	3.59E-04
136	ALL	747634.2	4350921	NonCancerChronicDerived_InhSoilDermMMilk	4.17E-05	5.09E-05	6.00E-07	6.51E-06	4.03E-05	8.71E-05	3.58E-04	4.15E-05	8.64E-05	0.00E+00	3.98E-05	7.07E-05	0.00E+00	0.00E+00	3.58E-04
124	ALL	747634.2	4350821	NonCancerChronicDerived_InhSoilDermMMilk	4.14E-05	5.05E-05	5.96E-07	6.46E-06	4.00E-05	8.65E-05	3.56E-04	4.12E-05	8.58E-05	0.00E+00	3.96E-05	7.02E-05	0.00E+00	0.00E+00	3.56E-04
312	ALL	747334.2	4352121	NonCancerChronicDerived_InhSoilDermMMilk	4.12E-05	5.03E-05	5.94E-07	6.44E-06	3.98E-05	8.61E-05	3.54E-04	4.11E-05	8.54E-05	0.00E+00	3.94E-05	6.99E-05	0.00E+00	0.00E+00	3.54E-04
112	ALL	747634.2	4350721	NonCancerChronicDerived_InhSoilDermMMilk	4.12E-05	5.03E-05	5.94E-07	6.44E-06	3.98E-05	8.61E-05	3.54E-04	4.11E-05	8.54E-05	0.00E+00	3.94E-05	6.99E-05	0.00E+00	0.00E+00	3.54E-04
148	ALL	747634.2	4351021	NonCancerChronicDerived_InhSoilDermMMilk	4.12E-05	5.02E-05	5.93E-07	6.43E-06	3.98E-05	8.60E-05	3.54E-04	4.10E-05	8.53E-05	0.00E+00	3.93E-05	6.98E-05	0.00E+00	0.00E+00	3.54E-04
198	ALL	747634.2	4351421	NonCancerChronicDerived_InhSoilDermMMilk	4.11E-05	5.02E-05	5.92E-07	6.42E-06	3.97E-05	8.59E-05	3.54E-04	4.10E-05	8.52E-05	0.00E+00	3.93E-05	6.97E-05	0.00E+00	0.00E+00	3.54E-04
172	ALL	747634.2	4351221	NonCancerChronicDerived_InhSoilDermMMilk	4.10E-05	5.01E-05	5.91E-07	6.40E-06	3.96E-05	8.57E-05	3.53E-04	4.09E-05	8.50E-05	0.00E+00	3.92E-05	6.96E-05	0.00E+00	0.00E+00	3.53E-04
160	ALL	747634.2	4351121	NonCancerChronicDerived_InhSoilDermMMilk	4.10E-05	5.00E-05	5.90E-07	6.40E-06	3.96E-05	8.56E-05	3.52E-04	4.08E-05	8.49E-05	0.00E+00	3.92E-05	6.95E-05	0.00E+00	0.00E+00	3.52E-04
184	ALL	747634.2	4351321	NonCancerChronicDerived_InhSoilDermMMilk	4.10E-05	5.00E-05	5.90E-07	6.39E-06	3.95E-05	8.56E-05	3.52E-04	4.08E-05	8.49E-05	0.00E+00	3.91E-05	6.94E-05	0.00E+00	0.00E+00	3.52E-04
79	ALL	747934.2	4350421	NonCancerChronicDerived_InhSoilDermMMilk	4.06E-05	4.95E-05	5.84E-07	6.34E-06	3.92E-05	8.48E-05	3.49E-04	4.04E-05	8.41E-05	0.00E+00	3.88E-05	6.88E-05	0.00E+00	0.00E+00	3.49E-04
120	ALL	748434.2	4350721	NonCancerChronicDerived_InhSoilDermMMilk	4.02E-05	4.91E-05	5.79E-07	6.28E-06	3.88E-05	8.40E-05	3.46E-04	4.00E-05	8.33E-05	0.00E+00	3.84E-05	6.81E-05	0.00E+00	0.00E+00	3.46E-04
94	ALL	748234.2	4350521	NonCancerChronicDerived_InhSoilDermMMilk	4.01E-05	4.90E-05	5.78E-07	6.26E-06	3.87E-05	8.38E-05	3.45E-04	4.00E-05	8.31E-05	0.00E+00	3.83E-05	6.80E-05	0.00E+00	0.00E+00	3.45E-04
78	ALL	747834.2	4350421	NonCancerChronicDerived_InhSoilDermMMilk	4.00E-05	4.88E-05	5.76E-07	6.24E-06	3.86E-05	8.35E-05	3.44E-04	3.98E-05	8.29E-05	0.00E+00	3.82E-05	6.78E-05	0.00E+00	0.00E+00	3.44E-04
80	ALL	748034.2	4350421	NonCancerChronicDerived_InhSoilDermMMilk	4.00E-05	4.88E-05	5.75E-07	6.24E-06	3.86E-05	8.35E-05	3.43E-04	3.98E-05	8.28E-05	0.00E+00	3.82E-05	6.77E-05	0.00E+00	0.00E+00	3.43E-04
100	ALL	747634.2	4350621	NonCancerChronicDerived_InhSoilDermMMilk	3.99E-05	4.87E-05	5.75E-07	6.23E-06	3.85E-05	8.34E-05	3.43E-04	3.98E-05	8.27E-05	0.00E+00	3.81E-05	6.77E-05	0.00E+00	0.00E+00	3.43E-04
334	ALL	747334.2	4352221	NonCancerChronicDerived_InhSoilDermMMilk	3.92E-05	4.79E-05	5.65E-07	6.13E-06	3.79E-05	8.20E-05	3.37E-04	3.91E-05	8.13E-05	0.00E+00	3.75E-05	6.65E-05	0.00E+00	0.00E+00	3.37E-04
81	ALL	748134.2	4350421	NonCancerChronicDerived_InhSoilDermMMilk	3.86E-05	4.71E-05	5.56E-07	6.02E-06	3.73E-05	8.06E-05	3.32E-04	3.84E-05	7.99E-05	0.00E+00	3.69E-05	6.54E-05	0.00E+00	0.00E+00	3.32E-04
77	ALL	747734.2	4350421	NonCancerChronicDerived_InhSoilDermMMilk	3.83E-05	4.68E-05	5.52E-07	5.98E-06	3.70E-05	8.01E-05	3.30E-04	3.82E-05	7.94E-05	0.00E+00	3.66E-05	6.50E-05	0.00E+00	0.00E+00	3.30E-04
88	ALL	747634.2	4350521	NonCancerChronicDerived_InhSoilDermMMilk	3.75E-05	4.57E-05	5.40E-07	5.85E-06	3.62E-05	7.83E-05	3.22E-04	3.73E-05	7.76E-05	0.00E+00	3.58E-05	6.35E-05	0.00E+00	0.00E+00	3.22E-04
295	ALL	747634.2	4352021	NonCancerChronicDerived_InhSoilDermMMilk	3.69E-05	4.51E-05	5.32E-07	5.77E-06	3.57E-05	7.72E-05	3.18E-04	3.68E-05	7.65E-05	0.00E+00	3.53E-05	6.26E-05	0.00E+00	0.00E+00	3.18E-04
242	ALL	747534.2	4351721	NonCancerChronicDerived_InhSoilDermMMilk	3.68E-05	4.49E-05	5.30E-07	5.75E-06	3.55E-05	7.69E-05	3.16E-04	3.67E-05	7.62E-05	0.00E+00	3.52E-05	6.24E-05	0.00E+00	0.00E+00	3.16E-04
67	ALL	747934.2	4350321	NonCancerChronicDerived_InhSoilDermMMilk	3.68E-05	4.49E-05	5.29E-07	5.74E-06	3.55E-05	7.68E-05	3.16E-04	3.66E-05	7.62E-05	0.00E+00	3.51E-05	6.23E-05	0.00E+00	0.00E+00	3.16E-04
66	ALL	747834.2	43503																

108	ALL	748434.2	4350621	NonCancerChronicDerived_InhSoilDermMMilk	3.43E-05	4.18E-05	4.93E-07	5.35E-06	3.31E-05	7.16E-05	2.95E-04	3.41E-05	7.10E-05	0.00E+00	3.27E-05	5.81E-05	0.00E+00	0.00E+00	2.95E-04
54	ALL	747834.2	4350221	NonCancerChronicDerived_InhSoilDermMMilk	3.40E-05	4.15E-05	4.90E-07	5.31E-06	3.29E-05	7.11E-05	2.92E-04	3.39E-05	7.05E-05	0.00E+00	3.25E-05	5.77E-05	0.00E+00	0.00E+00	2.92E-04
99	ALL	747534.2	4350621	NonCancerChronicDerived_InhSoilDermMMilk	3.38E-05	4.13E-05	4.87E-07	5.28E-06	3.27E-05	7.07E-05	2.91E-04	3.37E-05	7.01E-05	0.00E+00	3.23E-05	5.73E-05	0.00E+00	0.00E+00	2.91E-04
147	ALL	747534.2	4351021	NonCancerChronicDerived_InhSoilDermMMilk	3.35E-05	4.09E-05	4.82E-07	5.23E-06	3.24E-05	7.00E-05	2.88E-04	3.34E-05	6.94E-05	0.00E+00	3.20E-05	5.68E-05	0.00E+00	0.00E+00	2.88E-04
241	ALL	747434.2	4351721	NonCancerChronicDerived_InhSoilDermMMilk	3.35E-05	4.09E-05	4.82E-07	5.23E-06	3.23E-05	6.99E-05	2.88E-04	3.33E-05	6.94E-05	0.00E+00	3.20E-05	5.68E-05	0.00E+00	0.00E+00	2.88E-04
55	ALL	747934.2	4350221	NonCancerChronicDerived_InhSoilDermMMilk	3.34E-05	4.08E-05	4.81E-07	5.21E-06	3.22E-05	6.98E-05	2.87E-04	3.33E-05	6.92E-05	0.00E+00	3.19E-05	5.66E-05	0.00E+00	0.00E+00	2.87E-04
197	ALL	747534.2	4351421	NonCancerChronicDerived_InhSoilDermMMilk	3.33E-05	4.07E-05	4.80E-07	5.20E-06	3.22E-05	6.96E-05	2.87E-04	3.32E-05	6.90E-05	0.00E+00	3.18E-05	5.65E-05	0.00E+00	0.00E+00	2.87E-04
53	ALL	747734.2	4350221	NonCancerChronicDerived_InhSoilDermMMilk	3.33E-05	4.06E-05	4.79E-07	5.20E-06	3.22E-05	6.96E-05	2.86E-04	3.32E-05	6.90E-05	0.00E+00	3.18E-05	5.65E-05	0.00E+00	0.00E+00	2.86E-04
64	ALL	747634.2	4350321	NonCancerChronicDerived_InhSoilDermMMilk	3.32E-05	4.05E-05	4.78E-07	5.19E-06	3.21E-05	6.94E-05	2.86E-04	3.31E-05	6.88E-05	0.00E+00	3.17E-05	5.63E-05	0.00E+00	0.00E+00	2.86E-04
159	ALL	747534.2	4351121	NonCancerChronicDerived_InhSoilDermMMilk	3.29E-05	4.02E-05	4.74E-07	5.14E-06	3.18E-05	6.88E-05	2.83E-04	3.28E-05	6.82E-05	0.00E+00	3.15E-05	5.58E-05	0.00E+00	0.00E+00	2.83E-04
239	ALL	746634.2	4351721	NonCancerChronicDerived_InhSoilDermMMilk	3.29E-05	4.02E-05	4.74E-07	5.14E-06	3.18E-05	6.87E-05	2.83E-04	3.28E-05	6.82E-05	0.00E+00	3.14E-05	5.58E-05	0.00E+00	0.00E+00	2.83E-04
183	ALL	747534.2	4351321	NonCancerChronicDerived_InhSoilDermMMilk	3.28E-05	4.00E-05	4.71E-07	5.11E-06	3.16E-05	6.84E-05	2.82E-04	3.26E-05	6.78E-05	0.00E+00	3.13E-05	5.55E-05	0.00E+00	0.00E+00	2.82E-04
225	ALL	747334.2	4351621	NonCancerChronicDerived_InhSoilDermMMilk	3.27E-05	3.99E-05	4.71E-07	5.10E-06	3.16E-05	6.83E-05	2.81E-04	3.26E-05	6.77E-05	0.00E+00	3.12E-05	5.54E-05	0.00E+00	0.00E+00	2.81E-04
171	ALL	747534.2	4351221	NonCancerChronicDerived_InhSoilDermMMilk	3.26E-05	3.97E-05	4.69E-07	5.08E-06	3.14E-05	6.80E-05	2.80E-04	3.24E-05	6.75E-05	0.00E+00	3.11E-05	5.52E-05	0.00E+00	0.00E+00	2.80E-04
87	ALL	747534.2	4350521	NonCancerChronicDerived_InhSoilDermMMilk	3.23E-05	3.95E-05	4.66E-07	5.05E-06	3.12E-05	6.76E-05	2.78E-04	3.22E-05	6.70E-05	0.00E+00	3.09E-05	5.48E-05	0.00E+00	0.00E+00	2.78E-04
56	ALL	748034.2	4350221	NonCancerChronicDerived_InhSoilDermMMilk	3.23E-05	3.94E-05	4.65E-07	5.05E-06	3.12E-05	6.75E-05	2.78E-04	3.22E-05	6.70E-05	0.00E+00	3.09E-05	5.48E-05	0.00E+00	0.00E+00	2.

17 ALL	747734.2	4349921	NonCancerChronicDerived_InhSoilDermMMilk	2.67E-05	3.26E-05	3.84E-07	4.17E-06	2.58E-05	5.58E-05	2.30E-04	2.66E-05	5.53E-05	0.00E+00	2.55E-05	4.53E-05	0.00E+00	0.00E+00	2.30E-04
18 ALL	747834.2	4349921	NonCancerChronicDerived_InhSoilDermMMilk	2.66E-05	3.25E-05	3.83E-07	4.15E-06	2.57E-05	5.56E-05	2.29E-04	2.65E-05	5.51E-05	0.00E+00	2.54E-05	4.51E-05	0.00E+00	0.00E+00	2.29E-04
74 ALL	747434.2	4350421	NonCancerChronicDerived_InhSoilDermMMilk	2.64E-05	3.22E-05	3.80E-07	4.12E-06	2.55E-05	5.51E-05	2.27E-04	2.63E-05	5.47E-05	0.00E+00	2.52E-05	4.47E-05	0.00E+00	0.00E+00	2.27E-04
32 ALL	748034.2	4350021	NonCancerChronicDerived_InhSoilDermMMilk	2.63E-05	3.21E-05	3.79E-07	4.10E-06	2.54E-05	5.49E-05	2.26E-04	2.62E-05	5.45E-05	0.00E+00	2.51E-05	4.46E-05	0.00E+00	0.00E+00	2.26E-04
27 ALL	747534.2	4350021	NonCancerChronicDerived_InhSoilDermMMilk	2.62E-05	3.19E-05	3.77E-07	4.08E-06	2.53E-05	5.47E-05	2.25E-04	2.61E-05	5.42E-05	0.00E+00	2.50E-05	4.44E-05	0.00E+00	0.00E+00	2.25E-04
222 ALL	746434.2	4351621	NonCancerChronicDerived_InhSoilDermMMilk	2.61E-05	3.18E-05	3.75E-07	4.07E-06	2.52E-05	5.44E-05	2.24E-04	2.60E-05	5.40E-05	0.00E+00	2.49E-05	4.42E-05	0.00E+00	0.00E+00	2.24E-04
195 ALL	747334.2	4351421	NonCancerChronicDerived_InhSoilDermMMilk	2.60E-05	3.18E-05	3.75E-07	4.06E-06	2.51E-05	5.44E-05	2.24E-04	2.59E-05	5.39E-05	0.00E+00	2.49E-05	4.41E-05	0.00E+00	0.00E+00	2.24E-04
16 ALL	747634.2	4349921	NonCancerChronicDerived_InhSoilDermMMilk	2.60E-05	3.17E-05	3.74E-07	4.05E-06	2.51E-05	5.43E-05	2.23E-04	2.59E-05	5.38E-05	0.00E+00	2.48E-05	4.40E-05	0.00E+00	0.00E+00	2.23E-04
62 ALL	747434.2	4350321	NonCancerChronicDerived_InhSoilDermMMilk	2.59E-05	3.16E-05	3.73E-07	4.04E-06	2.50E-05	5.41E-05	2.23E-04	2.58E-05	5.36E-05	0.00E+00	2.47E-05	4.39E-05	0.00E+00	0.00E+00	2.23E-04
291 ALL	746634.2	4352021	NonCancerChronicDerived_InhSoilDermMMilk	2.57E-05	3.13E-05	3.70E-07	4.01E-06	2.48E-05	5.37E-05	2.21E-04	2.56E-05	5.32E-05	0.00E+00	2.45E-05	4.35E-05	0.00E+00	0.00E+00	2.21E-04
19 ALL	747934.2	4349921	NonCancerChronicDerived_InhSoilDermMMilk	2.55E-05	3.11E-05	3.67E-07	3.98E-06	2.46E-05	5.33E-05	2.19E-04	2.54E-05	5.28E-05	0.00E+00	2.44E-05	4.32E-05	0.00E+00	0.00E+00	2.19E-04
181 ALL	747334.2	4351321	NonCancerChronicDerived_InhSoilDermMMilk	2.54E-05	3.10E-05	3.66E-07	3.97E-06	2.46E-05	5.31E-05	2.19E-04	2.53E-05	5.27E-05	0.00E+00	2.43E-05	4.31E-05	0.00E+00	0.00E+00	2.19E-04
84 ALL	748434.2	4350421	NonCancerChronicDerived_InhSoilDermMMilk	2.54E-05	3.10E-05	3.66E-07	3.97E-06	2.45E-05	5.31E-05	2.18E-04	2.53E-05	5.26E-05	0.00E+00	2.43E-05	4.31E-05	0.00E+00	0.00E+00	2.18E-04
268 ALL	746434.2	4351921	NonCancerChronicDerived_InhSoilDermMMilk	2.54E-05	3.10E-05	3.66E-07	3.97E-06	2.45E-05	5.31E-05	2.18E-04	2.53E-05	5.26E-05	0.00E+00	2.43E-05	4.31E-05	0.00E+00	0.00E+00	2.18E-04
50 ALL	747434.2	4350221	NonCancerChronicDerived_InhSoilDermMMilk	2.52E-05	3.07E-05	3.63E-07	3.93E-06	2.43E-05	5.26E-05	2.16E-04	2.51E-05	5.22E-05	0.00E+00	2.41E-05	4.27E-05	0.00E+00	0.00E+00	2.16E-04
169 ALL	747334.2	4351221	NonCancerChronicDerived_InhSoilDermMMilk	2.51E-05	3.06E-05	3.61E-07	3.91E-06	2.42E-05	5.24E-05	2.16E-04	2.50E-05	5.19E-05	0.00E+00	2.40E-05	4.25E-05	0.00E+00	0.00E+00	2.16E-04
15 ALL	747534.2	4349921	NonCancerChronicDerived_InhSoilDermMMilk	2.48E-05	3.03E-05	3.58E-07	3.88E-06	2.40E-05	5.19E-05	2.14E-04	2.47E-05	5.14E-05	0.00E+00	2.37E-05	4.21E-05	0.00E+00	0.00E+00	2.14E-04
290 ALL	746534.2	4352021	NonCancerChronicDerived_InhSoilDermMMilk	2.48E-05	3.03E-05	3.57E-07	3.87E-06	2.39E-05	5.18E-05	2.13E-04	2.47E-05	5.14E-05	0.00E+00	2.37E-05	4.20E-05	0.00E+00	0.00E+00	2.13E-04
205 ALL	746434.2	4351521	NonCancerChronicDerived_InhSoilDermMMilk	2.46E-05	3.01E-05	3.55E-07	3.85E-06	2.38E-05	5.15E-05	2.12E-04	2.45E-05	5.10E-05	0.00E+00	2.35E-05	4.18E-05	0.00E+00	0.00E+00	2.12E-04
157 ALL	747334.2	4351121	NonCancerChronicDerived_InhSoilDermMMilk	2.46E-05	3.00E-05	3.54E-07	3.84E-06	2.38E-05	5.14E-05	2.12E-04	2.45E-05	5.10E-05	0.00E+00	2.35E-05	4.17E-05	0.00E+00	0.00E+00	2.12E-04
206 ALL	746534.2	4351521	NonCancerChronicDerived_InhSoilDermMMilk	2.44E-05	2.98E-05	3.52E-07	3.82E-06	2.36E-05	5.11E-05	2.10E-04	2.43E-05	5.06E-05	0.00E+00	2.34E-05	4.14E-05	0.00E+00	0.00E+00	2.10E-04
38 ALL	747434.2	4350121	NonCancerChronicDerived_InhSoilDermMMilk	2.44E-05	2.98E-05	3.52E-07	3.81E-06	2.36E-05	5.10E-05	2.10E-04	2.43E-05	5.06E-05	0.00E+00	2.33E-05	4.14E-05	0.00E+00	0.00E+00	2.10E-04
145 ALL	747334.2	4351021	NonCancerChronicDerived_InhSoilDermMMilk	2.44E-05	2.97E-05	3.51E-07	3.80E-06	2.35E-05	5.09E-05	2.09E-04	2.43E-05	5.04E-05	0.00E+00	2.33E-05	4.13E-05	0.00E+00	0.00E+00	2.09E-04
5 ALL	747734.2	4349821	NonCancerChronicDerived_InhSoilDermMMilk	2.43E-05	2.97E-05	3.50E-07	3.80E-06	2.35E-05	5.08E-05	2.09E-04	2.42E-05	5.04E-05	0.00E+00	2.32E-05	4.12E-05	0.00E+00	0.00E+00	2.09E-04
6 ALL	747834.2	4349821	NonCancerChronicDerived_InhSoilDermMMilk	2.42E-05	2.96E-05	3.49E-07	3.78E-06	2.34E-05	5.06E-05	2.08E-04	2.41E-05	5.02E-05	0.00E+00	2.31E-05	4.11E-05	0.00E+00	0.00E+00	2.08E-04
33 ALL	748134.2	4350021	NonCancerChronicDerived_InhSoilDermMMilk	2.41E-05	2.94E-05	3.47E-07	3.76E-06	2.33E-05	5.03E-05	2.07E-04	2.40E-05	4.99E-05	0.00E+00	2.30E-05	4.09E-05	0.00E+00	0.00E+00	2.07E-04
311 ALL	746634.2	4352121	NonCancerChronicDerived_InhSoilDermMMilk	2.40E-05	2.93E-05	3.46E-07	3.75E-06	2.32E-05	5.01E-05	2.06E-04	2.39E-05	4.97E-05	0.00E+00	2.29E-05	4.07E-05	0.00E+00	0.00E+00	2.06E-04
133 ALL	747334.2	4350921	NonCancerChronicDerived_InhSoilDermMMilk	2.39E-05	2.92E-05	3.44E-07	3.73E-06	2.31E-05	4.99E-05	2.05E-04	2.38E-05	4.95E-05	0.00E+00	2.28E-05	4.05E-05	0.00E+00	0.00E+00	2.05E-04
26 ALL	747434.2	4350021	NonCancerChronicDerived_InhSoilDermMMilk	2.38E-05	2.91E-05	3.43E-07	3.72E-06	2.30E-05	4.98E-05	2.05E-04	2.37E-05	4.94E-05	0.00E+00	2.28E-05	4.04E-05	0.00E+00	0.00E+00	2.05E-04
4 ALL	747634.2	4349821	NonCancerChronicDerived_InhSoilDermMMilk	2.38E-05	2.91E-05	3.43E-07	3.72E-06	2.30E-05	4.98E-05	2.05E-04	2.37E-05	4.93E-05	0.00E+00	2.28E-05	4.04E-05	0.00E+00	0.00E+00	2.05E-04
20 ALL	748034.2	4349921	NonCancerChronicDerived_InhSoilDermMMilk	2.38E-05	2.90E-05	3.42E-07	3.71E-06	2.30E-05	4.97E-05	2.05E-04	2.37E-05	4.93E-05	0.00E+00	2.27E-05	4.03E-05	0.00E+00	0.00E+00	2.05E-04
46 ALL	748234.2	4350121	NonCancerChronicDerived_InhSoilDermMMilk	2.37E-05	2.90E-05	3.42E-07	3.70E-06	2.29E-05	4.96E-05	2.04E-04	2.36E-05	4.91E-05	0.00E+00	2.27E-05	4.02E-05	0.00E+00	0.00E+00	2.04E-04
289 ALL	746434.2	4352021	NonCancerChronicDerived_InhSoilDermMMilk	2.37E-05	2.89E-05	3.41E-07	3.69E-06	2.28E-05	4.94E-05	2.03E-04	2.36E-05	4.90E-05	0.00E+00	2.26E-05	4.01E-05	0.00E+00	0.00E+00	2.03E-04
121 ALL	747334.2	4350821	NonCancerChronicDerived_InhSoilDermMMilk	2.35E-05	2.87E-05	3.38E-07	3.67E-06	2.27E-05	4.91E-05	2.02E-04	2.34E-05	4.87E-05	0.00E+00	2.25E-05	3.98E-05	0.00E+00	0.00E+00	2.02E-04
59 ALL	748334.2	4350221	NonCancerChronicDerived_InhSoilDermMMilk	2.35E-05	2.86E-05	3.38E-07	3.66E-06	2.27E-05	4.90E-05	2.02E-04	2.34E-05	4.86E-05	0.00E+00	2.24E-05	3.98E-05	0.00E+00	0.00E+00	2.02E-04
7 ALL	747934.2	4349821	NonCancerChronicDerived_InhSoilDermMMilk	2.31E-05	2.82E-05	3.33E-07	3.61E-06	2.23E-05	4.83E-05	1.99E-04	2.31E-05	4.79E-05	0.00E+00	2.21E-05	3.92E-05	0.00E+00	0.00E+00	1.99E-04
14 ALL	747434.2	4349921	NonCancerChronicDerived_InhSoilDermMMilk	2.31E-05	2.82E-05	3.33E-07	3.61E-06	2.23E-05	4.83E-05	1.99E-04	2.30E-05	4.79E-05	0.00E+00	2.21E-05	3.92E-05	0.00E+00	0.00E+00	1.99E-04
310 ALL	746534.2	4352121	NonCancerChronicDerived_InhSoilDermMMilk	2.30E-05	2.81E-05	3.31E-07	3.59E-06	2.22E-05	4.81E-05	1.98E-04	2.29E-05	4.77E-05	0.00E+00	2.20E-05	3.90E-05	0.00E+00	0.00E+00	1.98E-04
109 ALL	747334.2	4350721	NonCancerChronicDerived_InhSoilDermMMilk	2.30E-05	2.81E-05	3.31E-07	3.59E-06	2.22E-05	4.80E-05	1.98E-04	2.29E-05	4.76E-05	0.00E+00	2.20E-05	3.90E-05	0.00E+00	0.00E+00	1.98E-04
333 ALL	746634.2	4352221	NonCancerChronicDerived_InhSoilDermMMilk	2.29E-05	2.80E-05	3.30E-07	3.58E-06	2.21E-05	4.79E-05	1.97E-04	2.28E-05	4.75E-05	0.00E+00	2.19E-05	3.89E-05	0.00E+00	0.00E+00	1.97E-04
3 ALL	747534.2	4349821	NonCancerChronicDerived_InhSoilDermMMilk	2.28E-05	2.78E-05	3.28E-07	3.56E-06	2.20E-05	4.76E-05	1.96E-04	2.27E-05	4.72E-05	0.00E+00	2.18E-05	3.86E-05	0.00E+00	0.00E+00	1.96E-04
97 ALL	747334.2	4350621	NonCancerChronicDerived_InhSoilDermMMilk	2.26E-05	2.75E-05	3.25E-07	3.52E-06	2.18E-05	4.72E-05	1.94E-04	2.25E-05	4.68E-05	0.00E+00	2.16E-05	3.83E-05	0.00E+00	0.00E+00	1.94E-04
207 ALL	746634.2	4351521	NonCancerChronicDerived_InhSoilDermMMilk	2.23E-05	2.73E-05	3.21E-07	3.49E-06	2.16E-05	4.66E-05	1.92E-04	2.22E-05	4.63E-05	0.00E+00	2.13E-05	3.79E-05	0.00E+00	0.00E+00	1.92E-04
85 ALL	747334.2	4350521	NonCancerChronicDerived_InhSoilDermMMilk	2.23E-05	2.72E-05	3.21E-07	3.48E-06	2.15E-05	4.66E-05	1.92E-04	2.22E-05	4.62E-05	0.00E+00	2.13E-05	3.78E-05	0.00E+00	0.00E+00	1.92E-04
61 ALL	747334.2	4350321	NonCancerChronicDerived_InhSoilDermMMilk	2.23E-05	2.72E-05	3.21E-07	3.48E-06	2.15E-05	4.65E-05	1.91E-04	2.22E-05	4.61E-05	0.00E+00	2.13E-05	3.78E-05	0.00E+00	0.00E+00	1.91E-04
309 ALL	746434.2	4352121	NonCancerChronicDerived_InhSoilDermMMilk	2.22E-05	2.71E-05	3.20E-07	3.46E-06	2.14E-05	4.64E-05	1.91E-04	2.21E-05	4.60E-05	0.00E+00	2.12E-05	3.76E-05	0.00E+00	0.00E+00	1.91E-04
73 ALL	747334.2	4350421	NonCancerChronicDerived_InhSoilDermMMilk	2.22E-05	2.71E-05	3.19E-07	3.46E-06	2.14E-05	4.63E-05	1.91E-04	2.21E-05	4.59E-05	0.00E+00	2.12E-05	3.76E-05	0.00E+00	0.00E+00	1.91E-04
49 ALL	747334.2	4350221	NonCancerChronicDerived_InhSoilDermMMilk	2.20E-05	2.69E-05	3.17E-07	3.44E-06	2.13E-05	4.60E-05	1.89E-04	2.20E-05	4.57E-05	0.00E+00	2.11E-05	3.74E-05	0.00E+00	0.00E+00	1.89E-04
332 ALL	746534.2	4352221	NonCancerChronicDerived_InhSoilDermMMilk	2.20E-05	2.69E-05	3.17E-07	3.43E-06	2.12E-05	4.60E-05	1.89E-04	2.19E-05	4.56E-05	0.00E+00	2.10E-05	3.73E-05	0.00E+00	0.00E+00	1.89E-

9 ALL	748134.2	4349821	NonCancerChronicDerived_InhSoilDermMMilk	1.91E-05	2.34E-05	2.76E-07	2.99E-06	1.85E-05	4.00E-05	1.65E-04	1.91E-05	3.97E-05	0.00E+00	1.83E-05	3.24E-05	0.00E+00	0.00E+00	1.65E-04
60 ALL	748434.2	4350221	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-05	2.31E-05	2.73E-07	2.96E-06	1.83E-05	3.96E-05	1.63E-04	1.89E-05	3.93E-05	0.00E+00	1.81E-05	3.21E-05	0.00E+00	0.00E+00	1.63E-04
22 ALL	748234.2	4349921	NonCancerChronicDerived_InhSoilDermMMilk	1.87E-05	2.28E-05	2.69E-07	2.91E-06	1.80E-05	3.90E-05	1.60E-04	1.86E-05	3.86E-05	0.00E+00	1.78E-05	3.16E-05	0.00E+00	0.00E+00	1.60E-04
35 ALL	748334.2	4350021	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-05	2.19E-05	2.58E-07	2.80E-06	1.73E-05	3.75E-05	1.54E-04	1.79E-05	3.72E-05	0.00E+00	1.71E-05	3.04E-05	0.00E+00	0.00E+00	1.54E-04
10 ALL	748234.2	4349821	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-05	2.05E-05	2.42E-07	2.62E-06	1.62E-05	3.50E-05	1.44E-04	1.67E-05	3.48E-05	0.00E+00	1.60E-05	2.84E-05	0.00E+00	0.00E+00	1.44E-04
194 ALL	746634.2	4351421	NonCancerChronicDerived_InhSoilDermMMilk	1.68E-05	2.05E-05	2.41E-07	2.62E-06	1.62E-05	3.50E-05	1.44E-04	1.67E-05	3.47E-05	0.00E+00	1.60E-05	2.84E-05	0.00E+00	0.00E+00	1.44E-04
192 ALL	746434.2	4351421	NonCancerChronicDerived_InhSoilDermMMilk	1.65E-05	2.01E-05	2.37E-07	2.57E-06	1.59E-05	3.44E-05	1.42E-04	1.64E-05	3.42E-05	0.00E+00	1.58E-05	2.79E-05	0.00E+00	0.00E+00	1.42E-04
193 ALL	746534.2	4351421	NonCancerChronicDerived_InhSoilDermMMilk	1.64E-05	2.01E-05	2.37E-07	2.57E-06	1.59E-05	3.43E-05	1.41E-04	1.64E-05	3.40E-05	0.00E+00	1.57E-05	2.79E-05	0.00E+00	0.00E+00	1.41E-04
48 ALL	748434.2	4350121	NonCancerChronicDerived_InhSoilDermMMilk	1.64E-05	2.00E-05	2.36E-07	2.56E-06	1.58E-05	3.42E-05	1.41E-04	1.63E-05	3.40E-05	0.00E+00	1.57E-05	2.78E-05	0.00E+00	0.00E+00	1.41E-04
23 ALL	748334.2	4349921	NonCancerChronicDerived_InhSoilDermMMilk	1.59E-05	1.94E-05	2.29E-07	2.48E-06	1.53E-05	3.32E-05	1.36E-04	1.58E-05	3.29E-05	0.00E+00	1.52E-05	2.69E-05	0.00E+00	0.00E+00	1.36E-04
36 ALL	748434.2	4350021	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-05	1.77E-05	2.09E-07	2.26E-06	1.40E-05	3.03E-05	1.25E-04	1.44E-05	3.01E-05	0.00E+00	1.39E-05	2.46E-05	0.00E+00	0.00E+00	1.25E-04
11 ALL	748334.2	4349821	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-05	1.76E-05	2.07E-07	2.25E-06	1.39E-05	3.01E-05	1.24E-04	1.43E-05	2.98E-05	0.00E+00	1.38E-05	2.44E-05	0.00E+00	0.00E+00	1.24E-04
24 ALL	748434.2	4349921	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-05	1.60E-05	1.88E-07	2.04E-06	1.26E-05	2.73E-05	1.12E-04	1.30E-05	2.71E-05	0.00E+00	1.25E-05	2.22E-05	0.00E+00	0.00E+00	1.12E-04
12 ALL	748434.2	4349821	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-05	1.47E-05	1.73E-07	1.88E-06	1.16E-05	2.51E-05	1.03E-04	1.20E-05	2.49E-05	0.00E+00	1.15E-05	2.04E-05	0.00E+00	0.00E+00	1.03E-04
287 ALL	749534.2	4351921	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-05	1.44E-05	1.70E-07	1.84E-06	1.14E-05	2.46E-05	1.01E-04	1.17E-05	2.44E-05	0.00E+00	1.13E-05	2.00E-05	0.00E+00	0.00E+00	1.01E-04

NCS D Wood Energy Boiler Operation - Worker Acute Risk

*HARP - HRACalc v22118 2/9/2023 12:33:55 PM - Acute Risk - Sorted Max to Min

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
622	ALL		748428.1	4351922	NonCancerAcute	1.21E-03	1.25E-01	5.47E-02	0.00E+00	2.24E-05	5.27E-02	1.38E-01	0.00E+00	1.40E-01	0.00E+00	0.00E+00	4.96E-02	0.00E+00	0.00E+00	1.40E-01
625	ALL		748433.1	4351909	NonCancerAcute	4.89E-04	5.04E-02	2.21E-02	0.00E+00	9.09E-06	2.13E-02	5.59E-02	0.00E+00	5.68E-02	0.00E+00	0.00E+00	2.01E-02	0.00E+00	0.00E+00	5.68E-02
623	ALL		748417.6	4351907	NonCancerAcute	4.65E-04	4.79E-02	2.10E-02	0.00E+00	8.63E-06	2.02E-02	5.31E-02	0.00E+00	5.39E-02	0.00E+00	0.00E+00	1.90E-02	0.00E+00	0.00E+00	5.39E-02
624	ALL		748422	4351897	NonCancerAcute	4.48E-04	4.62E-02	2.03E-02	0.00E+00	8.32E-06	1.95E-02	5.12E-02	0.00E+00	5.20E-02	0.00E+00	0.00E+00	1.84E-02	0.00E+00	0.00E+00	5.20E-02
626	ALL		748402.1	4351876	NonCancerAcute	4.40E-04	4.54E-02	1.99E-02	0.00E+00	8.17E-06	1.92E-02	5.03E-02	0.00E+00	5.11E-02	0.00E+00	0.00E+00	1.80E-02	0.00E+00	0.00E+00	5.11E-02
630	ALL		748446.8	4352063	NonCancerAcute	2.77E-04	2.85E-02	1.25E-02	0.00E+00	5.14E-06	1.21E-02	3.16E-02	0.00E+00	3.21E-02	0.00E+00	0.00E+00	1.13E-02	0.00E+00	0.00E+00	3.21E-02
629	ALL		748427.9	4352056	NonCancerAcute	2.66E-04	2.75E-02	1.20E-02	0.00E+00	4.95E-06	1.16E-02	3.04E-02	0.00E+00	3.09E-02	0.00E+00	0.00E+00	1.09E-02	0.00E+00	0.00E+00	3.09E-02
627	ALL		748409.7	4352025	NonCancerAcute	2.58E-04	2.66E-02	1.17E-02	0.00E+00	4.80E-06	1.13E-02	2.95E-02	0.00E+00	3.00E-02	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	3.00E-02
628	ALL		748426	4352031	NonCancerAcute	2.45E-04	2.53E-02	1.11E-02	0.00E+00	4.56E-06	1.07E-02	2.80E-02	0.00E+00	2.85E-02	0.00E+00	0.00E+00	1.01E-02	0.00E+00	0.00E+00	2.85E-02

NCSD Wood Energy Boiler Operation - Worker Cancer Risk

*HARP - HRACalc v22118 2/9/2023 12:33:55 PM - Cancer Risk - Sorted Max to Min

[illegible]

NCS Wood Energy Boiler Operation - Worker Chronic Risk

*HARP - HRACalc v22118 2/9/2023 12:33:55 PM - Chronic Risk - Sorted Max to Min

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
630	ALL	Worker	748446.8	4352063	NonCancerChronicDerived_InhSoilDerm	2.84E-02	3.67E-02	6.35E-04	5.31E-03	1.61E-03	3.41E-02	3.23E-01	2.83E-02	9.14E-02	0.00E+00	1.22E-03	3.38E-02	0.00E+00	0.00E+00	3.23E-01
622	ALL	Worker	748428.1	4351922	NonCancerChronicDerived_InhSoilDerm	2.17E-02	2.80E-02	4.85E-04	4.06E-03	1.23E-03	2.60E-02	2.46E-01	2.16E-02	6.98E-02	0.00E+00	9.32E-04	2.59E-02	0.00E+00	0.00E+00	2.46E-01
629	ALL	Worker	748427.9	4352056	NonCancerChronicDerived_InhSoilDerm	2.08E-02	2.68E-02	4.64E-04	3.88E-03	1.17E-03	2.49E-02	2.36E-01	2.07E-02	6.68E-02	0.00E+00	8.92E-04	2.47E-02	0.00E+00	0.00E+00	2.36E-01
628	ALL	Worker	748426	4352031	NonCancerChronicDerived_InhSoilDerm	1.82E-02	2.35E-02	4.07E-04	3.40E-03	1.03E-03	2.19E-02	2.07E-01	1.81E-02	5.86E-02	0.00E+00	7.82E-04	2.17E-02	0.00E+00	0.00E+00	2.07E-01
623	ALL	Worker	748417.6	4351907	NonCancerChronicDerived_InhSoilDerm	1.23E-02	1.59E-02	2.75E-04	2.30E-03	6.96E-04	1.48E-02	1.40E-01	1.23E-02	3.96E-02	0.00E+00	5.29E-04	1.47E-02	0.00E+00	0.00E+00	1.40E-01
626	ALL	Worker	748402.1	4351876	NonCancerChronicDerived_InhSoilDerm	9.59E-03	1.24E-02	2.14E-04	1.79E-03	5.42E-04	1.15E-02	1.09E-01	9.55E-03	3.08E-02	0.00E+00	4.12E-04	1.14E-02	0.00E+00	0.00E+00	1.09E-01
624	ALL	Worker	748422	4351897	NonCancerChronicDerived_InhSoilDerm	9.11E-03	1.18E-02	2.04E-04	1.70E-03	5.15E-04	1.09E-02	1.03E-01	9.07E-03	2.93E-02	0.00E+00	3.91E-04	1.08E-02	0.00E+00	0.00E+00	1.03E-01
627	ALL	Worker	748409.7	4352025	NonCancerChronicDerived_InhSoilDerm	7.14E-03	9.21E-03	1.59E-04	1.33E-03	4.03E-04	8.56E-03	8.10E-02	7.10E-03	2.29E-02	0.00E+00	3.06E-04	8.50E-03	0.00E+00	0.00E+00	8.10E-02
625	ALL	Worker	748433.1	4351909	NonCancerChronicDerived_InhSoilDerm	6.42E-03	8.28E-03	1.43E-04	1.20E-03	3.63E-04	7.70E-03	7.28E-02	6.39E-03	2.06E-02	0.00E+00	2.75E-04	7.64E-03	0.00E+00	0.00E+00	7.28E-02

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** Lakes Environmental AERMOD MPI
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**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 2/8/2023
** File: C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass Boiler Const.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass Boiler C
  TITLETWO NCSD Biomass Boiler and Pipeline Construction HRA
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  POLLUTID PM_10
  RUNORNOT RUN
  ERRORFIL "NCSD Biomass Boiler Const.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC On-Site Equipment and Truck Exhaust
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 10.00
** SZINIT = 4.65
** Nodes = 9
** 748426.291, 4351979.075, 1892.85, 5.00, 4.65
** 748408.495, 4351972.987, 1896.15, 5.00, 4.65
** 748406.960, 4351927.558, 1897.29, 5.00, 4.65
** 748449.265, 4351949.257, 1890.93, 5.00, 4.65
** 748432.242, 4351976.011, 1892.60, 5.00, 4.65
** 748418.210, 4351966.774, 1896.52, 5.00, 4.65
** 748415.639, 4351943.323, 1895.78, 5.00, 4.65
** 748433.131, 4351952.874, 1893.76, 5.00, 4.65
** 748426.055, 4351962.676, 1893.18, 5.00, 4.65
** -----
  LOCATION L0000669      VOLUME   748421.560 4351977.456 1893.44
  LOCATION L0000670      VOLUME   748412.098 4351974.220 1894.89
  LOCATION L0000671      VOLUME   748408.286 4351966.799 1895.67
  LOCATION L0000672      VOLUME   748407.948 4351956.805 1896.02

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LOCATION L0000673	VOLUME	748407.610	4351946.810	1896.36
LOCATION L0000674	VOLUME	748407.273	4351936.816	1896.66
LOCATION L0000675	VOLUME	748407.615	4351927.894	1896.83
LOCATION L0000676	VOLUME	748416.513	4351932.458	1895.60
LOCATION L0000677	VOLUME	748425.411	4351937.022	1894.35
LOCATION L0000678	VOLUME	748434.309	4351941.586	1893.13
LOCATION L0000679	VOLUME	748443.206	4351946.150	1891.87
LOCATION L0000680	VOLUME	748447.552	4351951.949	1891.02
LOCATION L0000681	VOLUME	748442.184	4351960.386	1891.26
LOCATION L0000682	VOLUME	748436.816	4351968.823	1891.56
LOCATION L0000683	VOLUME	748431.005	4351975.197	1892.12
LOCATION L0000684	VOLUME	748422.653	4351969.698	1893.51
LOCATION L0000685	VOLUME	748417.700	4351962.120	1894.50
LOCATION L0000686	VOLUME	748416.610	4351952.180	1894.99
LOCATION L0000687	VOLUME	748416.596	4351943.846	1895.28
LOCATION L0000688	VOLUME	748425.373	4351948.638	1893.96
LOCATION L0000689	VOLUME	748432.451	4351953.816	1892.84
LOCATION L0000690	VOLUME	748426.598	4351961.924	1893.26

** End of LINE VOLUME Source ID = SLINE1

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE2

** DESCRSRC Pipeline Install - Equipment and Truck Exhaust

** PREFIX

** Length of Side = 10.00

** Configuration = Adjacent

** Emission Rate = 0.0311

** Vertical Dimension = 10.00

** SZINIT = 4.65

** Nodes = 3

** 748416.333, 4351985.628, 1894.89, 5.00, 4.65

** 748415.396, 4352005.767, 1893.85, 5.00, 4.65

** 748428.510, 4352021.223, 1892.81, 5.00, 4.65

** -----

LOCATION L0000691	VOLUME	748416.100	4351990.623	1893.92
LOCATION L0000692	VOLUME	748415.636	4352000.612	1893.76
LOCATION L0000693	VOLUME	748418.527	4352009.457	1893.36
LOCATION L0000694	VOLUME	748424.997	4352017.082	1892.68

** End of LINE VOLUME Source ID = SLINE2

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE3

** DESCRSRC Pipeline Install - Equipment and Truck Exhaust

** PREFIX

** Length of Side = 10.00

** Configuration = Adjacent

** Emission Rate = 0.4472

** Vertical Dimension = 10.00

** SZINIT = 4.65

** Nodes = 12

** 748446.062, 4351942.244, 1891.18, 5.00, 4.65

** 748461.620, 4351922.797, 1890.89, 5.00, 4.65

** 748439.579, 4351865.752, 1895.38, 5.00, 4.65

** 748430.504, 4351822.968, 1896.07, 5.00, 4.65

** 748431.152, 4351763.978, 1901.29, 5.00, 4.65

** 748431.152, 4351706.285, 1905.82, 5.00, 4.65

** 748431.801, 4351666.094, 1909.14, 5.00, 4.65

** 748429.856, 4351642.758, 1912.03, 5.00, 4.65

** 748422.077, 4351618.773, 1913.02, 5.00, 4.65

** 748405.871, 4351585.064, 1915.69, 5.00, 4.65

** 748329.379, 4351478.753, 1927.90, 5.00, 4.65

** 748263.907, 4351380.869, 1934.21, 5.00, 4.65

** -----

LOCATION	L0000695	VOLUME	748449.185	4351938.339	1891.36
LOCATION	L0000696	VOLUME	748455.432	4351930.531	1890.71
LOCATION	L0000697	VOLUME	748461.585	4351922.707	1890.15
LOCATION	L0000698	VOLUME	748457.981	4351913.379	1890.76
LOCATION	L0000699	VOLUME	748454.377	4351904.051	1891.30
LOCATION	L0000700	VOLUME	748450.773	4351894.723	1891.86
LOCATION	L0000701	VOLUME	748447.169	4351885.395	1892.50
LOCATION	L0000702	VOLUME	748443.565	4351876.068	1893.31
LOCATION	L0000703	VOLUME	748439.961	4351866.740	1894.14
LOCATION	L0000704	VOLUME	748437.724	4351857.005	1894.74
LOCATION	L0000705	VOLUME	748435.649	4351847.223	1895.22
LOCATION	L0000706	VOLUME	748433.574	4351837.441	1895.56
LOCATION	L0000707	VOLUME	748431.499	4351827.658	1895.84
LOCATION	L0000708	VOLUME	748430.561	4351817.763	1896.18
LOCATION	L0000709	VOLUME	748430.671	4351807.764	1896.99
LOCATION	L0000710	VOLUME	748430.781	4351797.764	1897.81
LOCATION	L0000711	VOLUME	748430.891	4351787.765	1898.65
LOCATION	L0000712	VOLUME	748431.001	4351777.765	1899.72
LOCATION	L0000713	VOLUME	748431.111	4351767.766	1900.78
LOCATION	L0000714	VOLUME	748431.152	4351757.766	1901.84
LOCATION	L0000715	VOLUME	748431.152	4351747.766	1902.63
LOCATION	L0000716	VOLUME	748431.152	4351737.766	1903.40
LOCATION	L0000717	VOLUME	748431.152	4351727.766	1904.15
LOCATION	L0000718	VOLUME	748431.152	4351717.766	1904.90
LOCATION	L0000719	VOLUME	748431.152	4351707.766	1905.64
LOCATION	L0000720	VOLUME	748431.290	4351697.767	1906.36
LOCATION	L0000721	VOLUME	748431.451	4351687.769	1907.37
LOCATION	L0000722	VOLUME	748431.612	4351677.770	1908.43
LOCATION	L0000723	VOLUME	748431.774	4351667.771	1909.50
LOCATION	L0000724	VOLUME	748431.109	4351657.800	1910.55
LOCATION	L0000725	VOLUME	748430.279	4351647.835	1911.57
LOCATION	L0000726	VOLUME	748428.343	4351638.092	1912.80
LOCATION	L0000727	VOLUME	748425.257	4351628.579	1913.82
LOCATION	L0000728	VOLUME	748422.172	4351619.067	1914.49
LOCATION	L0000729	VOLUME	748417.878	4351610.039	1915.29
LOCATION	L0000730	VOLUME	748413.545	4351601.027	1915.96
LOCATION	L0000731	VOLUME	748409.212	4351592.014	1916.35
LOCATION	L0000732	VOLUME	748404.534	4351583.207	1916.73
LOCATION	L0000733	VOLUME	748398.694	4351575.089	1917.19
LOCATION	L0000734	VOLUME	748392.853	4351566.972	1917.79
LOCATION	L0000735	VOLUME	748387.013	4351558.855	1918.99
LOCATION	L0000736	VOLUME	748381.172	4351550.738	1920.31
LOCATION	L0000737	VOLUME	748375.332	4351542.620	1921.52
LOCATION	L0000738	VOLUME	748369.492	4351534.503	1922.50
LOCATION	L0000739	VOLUME	748363.651	4351526.386	1923.58
LOCATION	L0000740	VOLUME	748357.811	4351518.269	1924.69
LOCATION	L0000741	VOLUME	748351.970	4351510.152	1925.71
LOCATION	L0000742	VOLUME	748346.130	4351502.034	1926.64
LOCATION	L0000743	VOLUME	748340.289	4351493.917	1927.19
LOCATION	L0000744	VOLUME	748334.449	4351485.800	1927.59
LOCATION	L0000745	VOLUME	748328.646	4351477.657	1927.88
LOCATION	L0000746	VOLUME	748323.086	4351469.345	1928.32
LOCATION	L0000747	VOLUME	748317.526	4351461.033	1929.00
LOCATION	L0000748	VOLUME	748311.966	4351452.721	1929.74
LOCATION	L0000749	VOLUME	748306.407	4351444.409	1930.51
LOCATION	L0000750	VOLUME	748300.847	4351436.097	1931.43
LOCATION	L0000751	VOLUME	748295.287	4351427.785	1932.08
LOCATION	L0000752	VOLUME	748289.728	4351419.473	1932.66
LOCATION	L0000753	VOLUME	748284.168	4351411.161	1933.28

LOCATION L0000754	VOLUME	748278.608	4351402.849	1933.94
LOCATION L0000755	VOLUME	748273.049	4351394.537	1934.19
LOCATION L0000756	VOLUME	748267.489	4351386.225	1934.23

** End of LINE VOLUME Source ID = SLINE3

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE4

** DESCRSRC Pipeline Install - Equipment and Truck Exhaust

** PREFIX

** Length of Side = 10.00

** Configuration = Adjacent

** Emission Rate = 0.0807

** Vertical Dimension = 10.00

** SZINIT = 4.65

** Nodes = 3

** 748264.186, 4351393.677, 1934.17, 5.00, 4.65

** 748233.879, 4351420.678, 1936.85, 5.00, 4.65

** 748279.064, 4351478.537, 1935.81, 5.00, 4.65

** -----

LOCATION L0000757	VOLUME	748260.452	4351397.003	1934.74
LOCATION L0000758	VOLUME	748252.986	4351403.655	1935.20
LOCATION L0000759	VOLUME	748245.519	4351410.307	1935.69
LOCATION L0000760	VOLUME	748238.053	4351416.959	1936.28
LOCATION L0000761	VOLUME	748236.593	4351424.153	1936.68
LOCATION L0000762	VOLUME	748242.748	4351432.035	1936.57
LOCATION L0000763	VOLUME	748248.903	4351439.916	1936.31
LOCATION L0000764	VOLUME	748255.058	4351447.797	1936.22
LOCATION L0000765	VOLUME	748261.213	4351455.679	1936.21
LOCATION L0000766	VOLUME	748267.368	4351463.560	1936.13
LOCATION L0000767	VOLUME	748273.523	4351471.442	1935.97

** End of LINE VOLUME Source ID = SLINE4

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE5

** DESCRSRC Pipeline Install - Equipment and Truck Exhaust

** PREFIX

** Length of Side = 10.00

** Configuration = Adjacent

** Emission Rate = 0.3913

** Vertical Dimension = 10.00

** SZINIT = 4.65

** Nodes = 10

** 748261.417, 4351382.508, 1934.39, 5.00, 4.65

** 748243.875, 4351358.864, 1935.22, 5.00, 4.65

** 748275.145, 4351281.070, 1937.20, 5.00, 4.65

** 748367.430, 4351262.766, 1936.62, 5.00, 4.65

** 748388.023, 4351233.021, 1936.57, 5.00, 4.65

** 748386.498, 4351206.327, 1938.05, 5.00, 4.65

** 748493.274, 4351204.039, 1935.29, 5.00, 4.65

** 748504.714, 4351225.394, 1932.57, 5.00, 4.65

** 748606.152, 4351219.292, 1931.32, 5.00, 4.65

** 748607.677, 4351182.683, 1934.04, 5.00, 4.65

** -----

LOCATION L0000768	VOLUME	748258.438	4351378.492	1934.52
LOCATION L0000769	VOLUME	748252.479	4351370.461	1934.80
LOCATION L0000770	VOLUME	748246.521	4351362.430	1935.12
LOCATION L0000771	VOLUME	748245.949	4351353.706	1935.27
LOCATION L0000772	VOLUME	748249.678	4351344.427	1935.33
LOCATION L0000773	VOLUME	748253.408	4351335.149	1935.36
LOCATION L0000774	VOLUME	748257.137	4351325.870	1935.46
LOCATION L0000775	VOLUME	748260.867	4351316.592	1935.83

LOCATION L0000776	VOLUME	748264.596	4351307.313	1936.46
LOCATION L0000777	VOLUME	748268.326	4351298.035	1936.96
LOCATION L0000778	VOLUME	748272.056	4351288.756	1937.34
LOCATION L0000779	VOLUME	748276.829	4351280.736	1937.59
LOCATION L0000780	VOLUME	748286.637	4351278.791	1937.40
LOCATION L0000781	VOLUME	748296.446	4351276.845	1937.48
LOCATION L0000782	VOLUME	748306.255	4351274.900	1937.52
LOCATION L0000783	VOLUME	748316.064	4351272.954	1937.46
LOCATION L0000784	VOLUME	748325.873	4351271.008	1937.37
LOCATION L0000785	VOLUME	748335.682	4351269.063	1937.13
LOCATION L0000786	VOLUME	748345.491	4351267.117	1936.80
LOCATION L0000787	VOLUME	748355.300	4351265.172	1936.54
LOCATION L0000788	VOLUME	748365.109	4351263.226	1936.57
LOCATION L0000789	VOLUME	748371.775	4351256.490	1936.61
LOCATION L0000790	VOLUME	748377.467	4351248.268	1936.59
LOCATION L0000791	VOLUME	748383.159	4351240.046	1936.55
LOCATION L0000792	VOLUME	748387.940	4351231.568	1936.60
LOCATION L0000793	VOLUME	748387.369	4351221.584	1936.94
LOCATION L0000794	VOLUME	748386.799	4351211.600	1937.31
LOCATION L0000795	VOLUME	748391.215	4351206.226	1937.32
LOCATION L0000796	VOLUME	748401.212	4351206.011	1936.89
LOCATION L0000797	VOLUME	748411.210	4351205.797	1936.83
LOCATION L0000798	VOLUME	748421.208	4351205.583	1936.83
LOCATION L0000799	VOLUME	748431.205	4351205.369	1936.86
LOCATION L0000800	VOLUME	748441.203	4351205.154	1936.94
LOCATION L0000801	VOLUME	748451.201	4351204.940	1937.02
LOCATION L0000802	VOLUME	748461.198	4351204.726	1936.88
LOCATION L0000803	VOLUME	748471.196	4351204.512	1936.76
LOCATION L0000804	VOLUME	748481.194	4351204.298	1936.30
LOCATION L0000805	VOLUME	748491.192	4351204.083	1935.68
LOCATION L0000806	VOLUME	748497.013	4351211.017	1934.52
LOCATION L0000807	VOLUME	748501.735	4351219.832	1933.26
LOCATION L0000808	VOLUME	748508.398	4351225.172	1932.38
LOCATION L0000809	VOLUME	748518.380	4351224.572	1931.99
LOCATION L0000810	VOLUME	748528.362	4351223.972	1931.69
LOCATION L0000811	VOLUME	748538.344	4351223.371	1931.43
LOCATION L0000812	VOLUME	748548.326	4351222.771	1931.23
LOCATION L0000813	VOLUME	748558.308	4351222.170	1931.25
LOCATION L0000814	VOLUME	748568.290	4351221.570	1931.29
LOCATION L0000815	VOLUME	748578.272	4351220.969	1931.24
LOCATION L0000816	VOLUME	748588.254	4351220.369	1931.18
LOCATION L0000817	VOLUME	748598.236	4351219.769	1931.19
LOCATION L0000818	VOLUME	748606.238	4351217.225	1931.47
LOCATION L0000819	VOLUME	748606.654	4351207.233	1932.46
LOCATION L0000820	VOLUME	748607.071	4351197.242	1932.95
LOCATION L0000821	VOLUME	748607.487	4351187.251	1933.45

** End of LINE VOLUME Source ID = SLINE5

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE6

** DESCRSRC Pipeline Install - Equipment and Truck Exhaust

** PREFIX

** Length of Side = 10.00

** Configuration = Adjacent

** Emission Rate = 0.0497

** Vertical Dimension = 10.00

** SZINIT = 4.65

** Nodes = 2

** 748369.719, 4351250.563, 1936.89, 5.00, 4.65

** 748316.330, 4351207.089, 1942.36, 5.00, 4.65

**

LOCATION	L0000822	VOLUME	748365.841	4351247.406	1936.67
LOCATION	L0000823	VOLUME	748358.087	4351241.091	1936.76
LOCATION	L0000824	VOLUME	748350.333	4351234.777	1937.12
LOCATION	L0000825	VOLUME	748342.578	4351228.463	1938.04
LOCATION	L0000826	VOLUME	748334.824	4351222.148	1939.13
LOCATION	L0000827	VOLUME	748327.070	4351215.834	1940.11
LOCATION	L0000828	VOLUME	748319.315	4351209.520	1940.98

** End of LINE VOLUME Source ID = SLINE6

** Source Parameters **

** LINE VOLUME Source ID = SLINE1

SRCPARAM	L0000669	0.0454545455	5.00	4.65	4.65
SRCPARAM	L0000670	0.0454545455	5.00	4.65	4.65
SRCPARAM	L0000671	0.0454545455	5.00	4.65	4.65
SRCPARAM	L0000672	0.0454545455	5.00	4.65	4.65
SRCPARAM	L0000673	0.0454545455	5.00	4.65	4.65
SRCPARAM	L0000674	0.0454545455	5.00	4.65	4.65
SRCPARAM	L0000675	0.0454545455	5.00	4.65	4.65
SRCPARAM	L0000676	0.0454545455	5.00	4.65	4.65
SRCPARAM	L0000677	0.0454545455	5.00	4.65	4.65
SRCPARAM	L0000678	0.0454545455	5.00	4.65	4.65
SRCPARAM	L0000679	0.0454545455	5.00	4.65	4.65
SRCPARAM	L0000680	0.0454545455	5.00	4.65	4.65
SRCPARAM	L0000681	0.0454545455	5.00	4.65	4.65
SRCPARAM	L0000682	0.0454545455	5.00	4.65	4.65
SRCPARAM	L0000683	0.0454545455	5.00	4.65	4.65
SRCPARAM	L0000684	0.0454545455	5.00	4.65	4.65
SRCPARAM	L0000685	0.0454545455	5.00	4.65	4.65
SRCPARAM	L0000686	0.0454545455	5.00	4.65	4.65
SRCPARAM	L0000687	0.0454545455	5.00	4.65	4.65
SRCPARAM	L0000688	0.0454545455	5.00	4.65	4.65
SRCPARAM	L0000689	0.0454545455	5.00	4.65	4.65
SRCPARAM	L0000690	0.0454545455	5.00	4.65	4.65

**

** LINE VOLUME Source ID = SLINE2

SRCPARAM	L0000691	0.007775	5.00	4.65	4.65
SRCPARAM	L0000692	0.007775	5.00	4.65	4.65
SRCPARAM	L0000693	0.007775	5.00	4.65	4.65
SRCPARAM	L0000694	0.007775	5.00	4.65	4.65

**

** LINE VOLUME Source ID = SLINE3

SRCPARAM	L0000695	0.0072129032	5.00	4.65	4.65
SRCPARAM	L0000696	0.0072129032	5.00	4.65	4.65
SRCPARAM	L0000697	0.0072129032	5.00	4.65	4.65
SRCPARAM	L0000698	0.0072129032	5.00	4.65	4.65
SRCPARAM	L0000699	0.0072129032	5.00	4.65	4.65
SRCPARAM	L0000700	0.0072129032	5.00	4.65	4.65
SRCPARAM	L0000701	0.0072129032	5.00	4.65	4.65
SRCPARAM	L0000702	0.0072129032	5.00	4.65	4.65
SRCPARAM	L0000703	0.0072129032	5.00	4.65	4.65
SRCPARAM	L0000704	0.0072129032	5.00	4.65	4.65
SRCPARAM	L0000705	0.0072129032	5.00	4.65	4.65
SRCPARAM	L0000706	0.0072129032	5.00	4.65	4.65
SRCPARAM	L0000707	0.0072129032	5.00	4.65	4.65
SRCPARAM	L0000708	0.0072129032	5.00	4.65	4.65
SRCPARAM	L0000709	0.0072129032	5.00	4.65	4.65
SRCPARAM	L0000710	0.0072129032	5.00	4.65	4.65
SRCPARAM	L0000711	0.0072129032	5.00	4.65	4.65
SRCPARAM	L0000712	0.0072129032	5.00	4.65	4.65
SRCPARAM	L0000713	0.0072129032	5.00	4.65	4.65
SRCPARAM	L0000714	0.0072129032	5.00	4.65	4.65
SRCPARAM	L0000715	0.0072129032	5.00	4.65	4.65

SRCPARAM	L0000773	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000774	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000775	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000776	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000777	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000778	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000779	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000780	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000781	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000782	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000783	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000784	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000785	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000786	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000787	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000788	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000789	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000790	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000791	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000792	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000793	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000794	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000795	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000796	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000797	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000798	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000799	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000800	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000801	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000802	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000803	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000804	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000805	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000806	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000807	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000808	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000809	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000810	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000811	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000812	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000813	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000814	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000815	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000816	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000817	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000818	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000819	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000820	0.0072462963	5.00	4.65	4.65
SRCPARAM	L0000821	0.0072462963	5.00	4.65	4.65

**

** LINE VOLUME Source ID = SLINE6

SRCPARAM	L0000822	0.0071	5.00	4.65	4.65
SRCPARAM	L0000823	0.0071	5.00	4.65	4.65
SRCPARAM	L0000824	0.0071	5.00	4.65	4.65
SRCPARAM	L0000825	0.0071	5.00	4.65	4.65
SRCPARAM	L0000826	0.0071	5.00	4.65	4.65
SRCPARAM	L0000827	0.0071	5.00	4.65	4.65
SRCPARAM	L0000828	0.0071	5.00	4.65	4.65

**

SRCGROUP	On-Site	L0000669	L0000670	L0000671	L0000672	L0000673	L0000674
SRCGROUP	On-Site	L0000675	L0000676	L0000677	L0000678	L0000679	L0000680

SRCGROUP On-Site L0000681 L0000682 L0000683 L0000684 L0000685 L0000686
SRCGROUP On-Site L0000687 L0000688 L0000689 L0000690
SRCGROUP Off-Site L0000691 L0000692 L0000693 L0000694 L0000695 L0000696
SRCGROUP Off-Site L0000697 L0000698 L0000699 L0000700 L0000701 L0000702
SRCGROUP Off-Site L0000703 L0000704 L0000705 L0000706 L0000707 L0000708
SRCGROUP Off-Site L0000709 L0000710 L0000711 L0000712 L0000713 L0000714
SRCGROUP Off-Site L0000715 L0000716 L0000717 L0000718 L0000719 L0000720
SRCGROUP Off-Site L0000721 L0000722 L0000723 L0000724 L0000725 L0000726
SRCGROUP Off-Site L0000727 L0000728 L0000729 L0000730 L0000731 L0000732
SRCGROUP Off-Site L0000733 L0000734 L0000735 L0000736 L0000737 L0000738
SRCGROUP Off-Site L0000739 L0000740 L0000741 L0000742 L0000743 L0000744
SRCGROUP Off-Site L0000745 L0000746 L0000747 L0000748 L0000749 L0000750
SRCGROUP Off-Site L0000751 L0000752 L0000753 L0000754 L0000755 L0000756
SRCGROUP Off-Site L0000757 L0000758 L0000759 L0000760 L0000761 L0000762
SRCGROUP Off-Site L0000763 L0000764 L0000765 L0000766 L0000767 L0000768
SRCGROUP Off-Site L0000769 L0000770 L0000771 L0000772 L0000773 L0000774
SRCGROUP Off-Site L0000775 L0000776 L0000777 L0000778 L0000779 L0000780
SRCGROUP Off-Site L0000781 L0000782 L0000783 L0000784 L0000785 L0000786
SRCGROUP Off-Site L0000787 L0000788 L0000789 L0000790 L0000791 L0000792
SRCGROUP Off-Site L0000793 L0000794 L0000795 L0000796 L0000797 L0000798
SRCGROUP Off-Site L0000799 L0000800 L0000801 L0000802 L0000803 L0000804
SRCGROUP Off-Site L0000805 L0000806 L0000807 L0000808 L0000809 L0000810
SRCGROUP Off-Site L0000811 L0000812 L0000813 L0000814 L0000815 L0000816
SRCGROUP Off-Site L0000817 L0000818 L0000819 L0000820 L0000821 L0000822
SRCGROUP Off-Site L0000823 L0000824 L0000825 L0000826 L0000827 L0000828

SO FINISHED

**

** AERMOD Receptor Pathway

**

**

RE STARTING

INCLUDED "NCSD Biomass Boiler Const.rou"

RE FINISHED

**

** AERMOD Meteorology Pathway

**

**

ME STARTING

SURFFILE "Met Data\KTVL_2017-2021_ADJU.SFC"

PROFFILE "Met Data\KTVL_2017-2021_ADJU.PFL"

SURFDATA 93230 2017

UAIRDATA 23230 2017 OAKLAND/WSO_AP

PROFBASE 1924.5 METERS

ME FINISHED

**

** AERMOD Output Pathway

**

**

OU STARTING

RECTABLE ALLAVE 1ST

RECTABLE 1 1ST

** Auto-Generated Plotfiles

PLOTFILE 1 On-Site 1ST "NCSD Biomass Boiler Const.AD\01H1G001.PLT" 31

PLOTFILE 1 Off-Site 1ST "NCSD Biomass Boiler Const.AD\01H1G002.PLT" 32

PLOTFILE PERIOD On-Site "NCSD Biomass Boiler Const.AD\PE00G001.PLT" 33

PLOTFILE PERIOD Off-Site "NCSD Biomass Boiler Const.AD\PE00G002.PLT" 34
SUMMFILE "NCSD Biomass Boiler Const.sum"
OU FINISHED

*** Message Summary For AERMOD Model Setup ***

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

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 0 Informational Message(s)

***** FATAL ERROR MESSAGES *****

*** NONE ***

***** WARNING MESSAGES *****

ME W186 535 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 535 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

▲ *** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
Boiler C *** 02/08/23

*** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler and Pipeline Construction HRA
*** 10:45:52

PAGE 1

*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

** Model Options Selected:

- * Model Uses Regulatory DEFAULT Options
- * Model Is Setup For Calculation of Average CONCentration Values.
- * NO GAS DEPOSITION Data Provided.
- * NO PARTICLE DEPOSITION Data Provided.
- * Model Uses NO DRY DEPLETION. DDPLETE = F
- * Model Uses NO WET DEPLETION. WETDPLT = F
- * Stack-tip Downwash.
- * Model Accounts for ELEVated Terrain Effects.
- * Use Calms Processing Routine.
- * Use Missing Data Processing Routine.
- * No Exponential Decay.
- * Model Uses RURAL Dispersion Only.
- * ADJ_U* - Use ADJ_U* option for SBL in AERMET
- * CCVR_Sub - Meteorological data includes CCVR substitutions
- * TEMP_Sub - Meteorological data includes TEMP substitutions
- * Model Assumes No FLAGPOLE Receptor Heights.
- * The User Specified a Pollutant Type of: PM_10

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

**This Run Includes: 160 Source(s); 2 Source Group(s); and 621 Receptor(s)

with: 0 POINT(s), including
 0 POINTCAP(s) and 0 POINTHOR(s)
 and: 160 VOLUME source(s)
 and: 0 AREA type source(s)
 and: 0 LINE source(s)
 and: 0 RLINE/RLINEXT source(s)
 and: 0 OPENPIT source(s)
 and: 0 BUOYANT LINE source(s) with a total of 0 line(s)
 and: 0 SWPOINT source(s)

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

**The AERMET Input Meteorological Data Version Date: 19191

**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)
 Model Outputs Separate Summary File of High Ranked Values (SUMMFILE 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) = 1924.50 ; 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 = 3.7 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: NCSD Biomass Boiler Const.err

**File for Summary of Results: NCSD Biomass Boiler Const.sum

▲ *** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler and Pipeline Construction HRA
 *** 10:45:52

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*** MODELOPTS: RegDFAULT CONC ELEV RURAL ADJ_U*

*** VOLUME SOURCE DATA ***

EMISSION RATE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.	URBAN
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	SOURCE
SCALAR VARY									
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
BY									

- - - - -

- - - - -

L0000669	0	0.45455E-01	748421.6	4351977.5	1893.4	5.00	4.65	4.65	NO
L0000670	0	0.45455E-01	748412.1	4351974.2	1894.9	5.00	4.65	4.65	NO
L0000671	0	0.45455E-01	748408.3	4351966.8	1895.7	5.00	4.65	4.65	NO
L0000672	0	0.45455E-01	748407.9	4351956.8	1896.0	5.00	4.65	4.65	NO
L0000673	0	0.45455E-01	748407.6	4351946.8	1896.4	5.00	4.65	4.65	NO
L0000674	0	0.45455E-01	748407.3	4351936.8	1896.7	5.00	4.65	4.65	NO
L0000675	0	0.45455E-01	748407.6	4351927.9	1896.8	5.00	4.65	4.65	NO
L0000676	0	0.45455E-01	748416.5	4351932.5	1895.6	5.00	4.65	4.65	NO
L0000677	0	0.45455E-01	748425.4	4351937.0	1894.3	5.00	4.65	4.65	NO
L0000678	0	0.45455E-01	748434.3	4351941.6	1893.1	5.00	4.65	4.65	NO
L0000679	0	0.45455E-01	748443.2	4351946.1	1891.9	5.00	4.65	4.65	NO
L0000680	0	0.45455E-01	748447.6	4351951.9	1891.0	5.00	4.65	4.65	NO
L0000681	0	0.45455E-01	748442.2	4351960.4	1891.3	5.00	4.65	4.65	NO
L0000682	0	0.45455E-01	748436.8	4351968.8	1891.6	5.00	4.65	4.65	NO
L0000683	0	0.45455E-01	748431.0	4351975.2	1892.1	5.00	4.65	4.65	NO
L0000684	0	0.45455E-01	748422.7	4351969.7	1893.5	5.00	4.65	4.65	NO
L0000685	0	0.45455E-01	748417.7	4351962.1	1894.5	5.00	4.65	4.65	NO
L0000686	0	0.45455E-01	748416.6	4351952.2	1895.0	5.00	4.65	4.65	NO
L0000687	0	0.45455E-01	748416.6	4351943.8	1895.3	5.00	4.65	4.65	NO
L0000688	0	0.45455E-01	748425.4	4351948.6	1894.0	5.00	4.65	4.65	NO
L0000689	0	0.45455E-01	748432.5	4351953.8	1892.8	5.00	4.65	4.65	NO
L0000690	0	0.45455E-01	748426.6	4351961.9	1893.3	5.00	4.65	4.65	NO
L0000691	0	0.77750E-02	748416.1	4351990.6	1893.9	5.00	4.65	4.65	NO
L0000692	0	0.77750E-02	748415.6	4352000.6	1893.8	5.00	4.65	4.65	NO
L0000693	0	0.77750E-02	748418.5	4352009.5	1893.4	5.00	4.65	4.65	NO
L0000694	0	0.77750E-02	748425.0	4352017.1	1892.7	5.00	4.65	4.65	NO
L0000695	0	0.72129E-02	748449.2	4351938.3	1891.4	5.00	4.65	4.65	NO
L0000696	0	0.72129E-02	748455.4	4351930.5	1890.7	5.00	4.65	4.65	NO
L0000697	0	0.72129E-02	748461.6	4351922.7	1890.1	5.00	4.65	4.65	NO
L0000698	0	0.72129E-02	748458.0	4351913.4	1890.8	5.00	4.65	4.65	NO

L0000699	0	0.72129E-02	748454.4	4351904.1	1891.3	5.00	4.65	4.65	NO
L0000700	0	0.72129E-02	748450.8	4351894.7	1891.9	5.00	4.65	4.65	NO
L0000701	0	0.72129E-02	748447.2	4351885.4	1892.5	5.00	4.65	4.65	NO
L0000702	0	0.72129E-02	748443.6	4351876.1	1893.3	5.00	4.65	4.65	NO
L0000703	0	0.72129E-02	748440.0	4351866.7	1894.1	5.00	4.65	4.65	NO
L0000704	0	0.72129E-02	748437.7	4351857.0	1894.7	5.00	4.65	4.65	NO
L0000705	0	0.72129E-02	748435.6	4351847.2	1895.2	5.00	4.65	4.65	NO
L0000706	0	0.72129E-02	748433.6	4351837.4	1895.6	5.00	4.65	4.65	NO
L0000707	0	0.72129E-02	748431.5	4351827.7	1895.8	5.00	4.65	4.65	NO
L0000708	0	0.72129E-02	748430.6	4351817.8	1896.2	5.00	4.65	4.65	NO

▲ *** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSDBiomassBoilerConst\NCSDBiomassBoiler C ***
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 *** AERMET - VERSION 19191 *** *** NCSDBiomassBoiler and Pipeline Construction HRA ***
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** VOLUME SOURCE DATA ***

EMISSION RATE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.	URBAN
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	SOURCE
SCALAR VARY									
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
BY									

L0000709	0	0.72129E-02	748430.7	4351807.8	1897.0	5.00	4.65	4.65	NO
L0000710	0	0.72129E-02	748430.8	4351797.8	1897.8	5.00	4.65	4.65	NO
L0000711	0	0.72129E-02	748430.9	4351787.8	1898.6	5.00	4.65	4.65	NO
L0000712	0	0.72129E-02	748431.0	4351777.8	1899.7	5.00	4.65	4.65	NO
L0000713	0	0.72129E-02	748431.1	4351767.8	1900.8	5.00	4.65	4.65	NO
L0000714	0	0.72129E-02	748431.2	4351757.8	1901.8	5.00	4.65	4.65	NO
L0000715	0	0.72129E-02	748431.2	4351747.8	1902.6	5.00	4.65	4.65	NO
L0000716	0	0.72129E-02	748431.2	4351737.8	1903.4	5.00	4.65	4.65	NO
L0000717	0	0.72129E-02	748431.2	4351727.8	1904.1	5.00	4.65	4.65	NO
L0000718	0	0.72129E-02	748431.2	4351717.8	1904.9	5.00	4.65	4.65	NO

L0000719	0	0.72129E-02	748431.2	4351707.8	1905.6	5.00	4.65	4.65	NO
L0000720	0	0.72129E-02	748431.3	4351697.8	1906.4	5.00	4.65	4.65	NO
L0000721	0	0.72129E-02	748431.5	4351687.8	1907.4	5.00	4.65	4.65	NO
L0000722	0	0.72129E-02	748431.6	4351677.8	1908.4	5.00	4.65	4.65	NO
L0000723	0	0.72129E-02	748431.8	4351667.8	1909.5	5.00	4.65	4.65	NO
L0000724	0	0.72129E-02	748431.1	4351657.8	1910.5	5.00	4.65	4.65	NO
L0000725	0	0.72129E-02	748430.3	4351647.8	1911.6	5.00	4.65	4.65	NO
L0000726	0	0.72129E-02	748428.3	4351638.1	1912.8	5.00	4.65	4.65	NO
L0000727	0	0.72129E-02	748425.3	4351628.6	1913.8	5.00	4.65	4.65	NO
L0000728	0	0.72129E-02	748422.2	4351619.1	1914.5	5.00	4.65	4.65	NO
L0000729	0	0.72129E-02	748417.9	4351610.0	1915.3	5.00	4.65	4.65	NO
L0000730	0	0.72129E-02	748413.5	4351601.0	1916.0	5.00	4.65	4.65	NO
L0000731	0	0.72129E-02	748409.2	4351592.0	1916.3	5.00	4.65	4.65	NO
L0000732	0	0.72129E-02	748404.5	4351583.2	1916.7	5.00	4.65	4.65	NO
L0000733	0	0.72129E-02	748398.7	4351575.1	1917.2	5.00	4.65	4.65	NO
L0000734	0	0.72129E-02	748392.9	4351567.0	1917.8	5.00	4.65	4.65	NO
L0000735	0	0.72129E-02	748387.0	4351558.9	1919.0	5.00	4.65	4.65	NO
L0000736	0	0.72129E-02	748381.2	4351550.7	1920.3	5.00	4.65	4.65	NO
L0000737	0	0.72129E-02	748375.3	4351542.6	1921.5	5.00	4.65	4.65	NO
L0000738	0	0.72129E-02	748369.5	4351534.5	1922.5	5.00	4.65	4.65	NO
L0000739	0	0.72129E-02	748363.7	4351526.4	1923.6	5.00	4.65	4.65	NO
L0000740	0	0.72129E-02	748357.8	4351518.3	1924.7	5.00	4.65	4.65	NO
L0000741	0	0.72129E-02	748352.0	4351510.2	1925.7	5.00	4.65	4.65	NO
L0000742	0	0.72129E-02	748346.1	4351502.0	1926.6	5.00	4.65	4.65	NO
L0000743	0	0.72129E-02	748340.3	4351493.9	1927.2	5.00	4.65	4.65	NO
L0000744	0	0.72129E-02	748334.4	4351485.8	1927.6	5.00	4.65	4.65	NO
L0000745	0	0.72129E-02	748328.6	4351477.7	1927.9	5.00	4.65	4.65	NO
L0000746	0	0.72129E-02	748323.1	4351469.3	1928.3	5.00	4.65	4.65	NO
L0000747	0	0.72129E-02	748317.5	4351461.0	1929.0	5.00	4.65	4.65	NO
L0000748	0	0.72129E-02	748312.0	4351452.7	1929.7	5.00	4.65	4.65	NO

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** VOLUME SOURCE DATA ***

EMISSION RATE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.	URBAN
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	SOURCE
SCALAR VARY									
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
BY									
L0000749	0	0.72129E-02	748306.4	4351444.4	1930.5	5.00	4.65	4.65	NO
L0000750	0	0.72129E-02	748300.8	4351436.1	1931.4	5.00	4.65	4.65	NO
L0000751	0	0.72129E-02	748295.3	4351427.8	1932.1	5.00	4.65	4.65	NO
L0000752	0	0.72129E-02	748289.7	4351419.5	1932.7	5.00	4.65	4.65	NO
L0000753	0	0.72129E-02	748284.2	4351411.2	1933.3	5.00	4.65	4.65	NO
L0000754	0	0.72129E-02	748278.6	4351402.8	1933.9	5.00	4.65	4.65	NO
L0000755	0	0.72129E-02	748273.0	4351394.5	1934.2	5.00	4.65	4.65	NO
L0000756	0	0.72129E-02	748267.5	4351386.2	1934.2	5.00	4.65	4.65	NO
L0000757	0	0.73364E-02	748260.5	4351397.0	1934.7	5.00	4.65	4.65	NO
L0000758	0	0.73364E-02	748253.0	4351403.7	1935.2	5.00	4.65	4.65	NO
L0000759	0	0.73364E-02	748245.5	4351410.3	1935.7	5.00	4.65	4.65	NO
L0000760	0	0.73364E-02	748238.1	4351417.0	1936.3	5.00	4.65	4.65	NO
L0000761	0	0.73364E-02	748236.6	4351424.2	1936.7	5.00	4.65	4.65	NO
L0000762	0	0.73364E-02	748242.7	4351432.0	1936.6	5.00	4.65	4.65	NO
L0000763	0	0.73364E-02	748248.9	4351439.9	1936.3	5.00	4.65	4.65	NO
L0000764	0	0.73364E-02	748255.1	4351447.8	1936.2	5.00	4.65	4.65	NO
L0000765	0	0.73364E-02	748261.2	4351455.7	1936.2	5.00	4.65	4.65	NO
L0000766	0	0.73364E-02	748267.4	4351463.6	1936.1	5.00	4.65	4.65	NO
L0000767	0	0.73364E-02	748273.5	4351471.4	1936.0	5.00	4.65	4.65	NO
L0000768	0	0.72463E-02	748258.4	4351378.5	1934.5	5.00	4.65	4.65	NO
L0000769	0	0.72463E-02	748252.5	4351370.5	1934.8	5.00	4.65	4.65	NO

L0000770	0	0.72463E-02	748246.5	4351362.4	1935.1	5.00	4.65	4.65	NO
L0000771	0	0.72463E-02	748245.9	4351353.7	1935.3	5.00	4.65	4.65	NO
L0000772	0	0.72463E-02	748249.7	4351344.4	1935.3	5.00	4.65	4.65	NO
L0000773	0	0.72463E-02	748253.4	4351335.1	1935.4	5.00	4.65	4.65	NO
L0000774	0	0.72463E-02	748257.1	4351325.9	1935.5	5.00	4.65	4.65	NO
L0000775	0	0.72463E-02	748260.9	4351316.6	1935.8	5.00	4.65	4.65	NO
L0000776	0	0.72463E-02	748264.6	4351307.3	1936.5	5.00	4.65	4.65	NO
L0000777	0	0.72463E-02	748268.3	4351298.0	1937.0	5.00	4.65	4.65	NO
L0000778	0	0.72463E-02	748272.1	4351288.8	1937.3	5.00	4.65	4.65	NO
L0000779	0	0.72463E-02	748276.8	4351280.7	1937.6	5.00	4.65	4.65	NO
L0000780	0	0.72463E-02	748286.6	4351278.8	1937.4	5.00	4.65	4.65	NO
L0000781	0	0.72463E-02	748296.4	4351276.8	1937.5	5.00	4.65	4.65	NO
L0000782	0	0.72463E-02	748306.3	4351274.9	1937.5	5.00	4.65	4.65	NO
L0000783	0	0.72463E-02	748316.1	4351273.0	1937.5	5.00	4.65	4.65	NO
L0000784	0	0.72463E-02	748325.9	4351271.0	1937.4	5.00	4.65	4.65	NO
L0000785	0	0.72463E-02	748335.7	4351269.1	1937.1	5.00	4.65	4.65	NO
L0000786	0	0.72463E-02	748345.5	4351267.1	1936.8	5.00	4.65	4.65	NO
L0000787	0	0.72463E-02	748355.3	4351265.2	1936.5	5.00	4.65	4.65	NO
L0000788	0	0.72463E-02	748365.1	4351263.2	1936.6	5.00	4.65	4.65	NO

▲ *** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** VOLUME SOURCE DATA ***

EMISSION RATE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.	URBAN
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	SOURCE
SCALAR VARY									
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
BY									

L0000789	0	0.72463E-02	748371.8	4351256.5	1936.6	5.00	4.65	4.65	NO
L0000790	0	0.72463E-02	748377.5	4351248.3	1936.6	5.00	4.65	4.65	NO

L0000791	0	0.72463E-02	748383.2	4351240.0	1936.5	5.00	4.65	4.65	NO
L0000792	0	0.72463E-02	748387.9	4351231.6	1936.6	5.00	4.65	4.65	NO
L0000793	0	0.72463E-02	748387.4	4351221.6	1936.9	5.00	4.65	4.65	NO
L0000794	0	0.72463E-02	748386.8	4351211.6	1937.3	5.00	4.65	4.65	NO
L0000795	0	0.72463E-02	748391.2	4351206.2	1937.3	5.00	4.65	4.65	NO
L0000796	0	0.72463E-02	748401.2	4351206.0	1936.9	5.00	4.65	4.65	NO
L0000797	0	0.72463E-02	748411.2	4351205.8	1936.8	5.00	4.65	4.65	NO
L0000798	0	0.72463E-02	748421.2	4351205.6	1936.8	5.00	4.65	4.65	NO
L0000799	0	0.72463E-02	748431.2	4351205.4	1936.9	5.00	4.65	4.65	NO
L0000800	0	0.72463E-02	748441.2	4351205.2	1936.9	5.00	4.65	4.65	NO
L0000801	0	0.72463E-02	748451.2	4351204.9	1937.0	5.00	4.65	4.65	NO
L0000802	0	0.72463E-02	748461.2	4351204.7	1936.9	5.00	4.65	4.65	NO
L0000803	0	0.72463E-02	748471.2	4351204.5	1936.8	5.00	4.65	4.65	NO
L0000804	0	0.72463E-02	748481.2	4351204.3	1936.3	5.00	4.65	4.65	NO
L0000805	0	0.72463E-02	748491.2	4351204.1	1935.7	5.00	4.65	4.65	NO
L0000806	0	0.72463E-02	748497.0	4351211.0	1934.5	5.00	4.65	4.65	NO
L0000807	0	0.72463E-02	748501.7	4351219.8	1933.3	5.00	4.65	4.65	NO
L0000808	0	0.72463E-02	748508.4	4351225.2	1932.4	5.00	4.65	4.65	NO
L0000809	0	0.72463E-02	748518.4	4351224.6	1932.0	5.00	4.65	4.65	NO
L0000810	0	0.72463E-02	748528.4	4351224.0	1931.7	5.00	4.65	4.65	NO
L0000811	0	0.72463E-02	748538.3	4351223.4	1931.4	5.00	4.65	4.65	NO
L0000812	0	0.72463E-02	748548.3	4351222.8	1931.2	5.00	4.65	4.65	NO
L0000813	0	0.72463E-02	748558.3	4351222.2	1931.2	5.00	4.65	4.65	NO
L0000814	0	0.72463E-02	748568.3	4351221.6	1931.3	5.00	4.65	4.65	NO
L0000815	0	0.72463E-02	748578.3	4351221.0	1931.2	5.00	4.65	4.65	NO
L0000816	0	0.72463E-02	748588.3	4351220.4	1931.2	5.00	4.65	4.65	NO
L0000817	0	0.72463E-02	748598.2	4351219.8	1931.2	5.00	4.65	4.65	NO
L0000818	0	0.72463E-02	748606.2	4351217.2	1931.5	5.00	4.65	4.65	NO
L0000819	0	0.72463E-02	748606.7	4351207.2	1932.5	5.00	4.65	4.65	NO
L0000820	0	0.72463E-02	748607.1	4351197.2	1933.0	5.00	4.65	4.65	NO

L0000821	0	0.72463E-02	748607.5	4351187.3	1933.5	5.00	4.65	4.65	NO
L0000822	0	0.71000E-02	748365.8	4351247.4	1936.7	5.00	4.65	4.65	NO
L0000823	0	0.71000E-02	748358.1	4351241.1	1936.8	5.00	4.65	4.65	NO
L0000824	0	0.71000E-02	748350.3	4351234.8	1937.1	5.00	4.65	4.65	NO
L0000825	0	0.71000E-02	748342.6	4351228.5	1938.0	5.00	4.65	4.65	NO
L0000826	0	0.71000E-02	748334.8	4351222.1	1939.1	5.00	4.65	4.65	NO
L0000827	0	0.71000E-02	748327.1	4351215.8	1940.1	5.00	4.65	4.65	NO
L0000828	0	0.71000E-02	748319.3	4351209.5	1941.0	5.00	4.65	4.65	NO

▲ *** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs						
-----	-----						
ON-SITE	L0000669	, L0000670	, L0000671	, L0000672	, L0000673	, L0000674	,
L0000675	, L0000676	,					
	L0000677	, L0000678	, L0000679	, L0000680	, L0000681	, L0000682	,
L0000683	, L0000684	,					
	L0000685	, L0000686	, L0000687	, L0000688	, L0000689	, L0000690	,
OFF-SITE	L0000691	, L0000692	, L0000693	, L0000694	, L0000695	, L0000696	,
L0000697	, L0000698	,					
	L0000699	, L0000700	, L0000701	, L0000702	, L0000703	, L0000704	,
L0000705	, L0000706	,					
	L0000707	, L0000708	, L0000709	, L0000710	, L0000711	, L0000712	,
L0000713	, L0000714	,					
	L0000715	, L0000716	, L0000717	, L0000718	, L0000719	, L0000720	,
L0000721	, L0000722	,					
	L0000723	, L0000724	, L0000725	, L0000726	, L0000727	, L0000728	,
L0000729	, L0000730	,					
	L0000731	, L0000732	, L0000733	, L0000734	, L0000735	, L0000736	,
L0000737	, L0000738	,					
	L0000739	, L0000740	, L0000741	, L0000742	, L0000743	, L0000744	,
L0000745	, L0000746	,					
	L0000747	, L0000748	, L0000749	, L0000750	, L0000751	, L0000752	,

L0000753 , L0000754 ,
 L0000761 L0000755 , L0000756 , L0000757 , L0000758 , L0000759 , L0000760 ,
 , L0000762 ,
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 , L0000770 ,
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 , L0000778 ,
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 , L0000786 ,
 L0000793 L0000787 , L0000788 , L0000789 , L0000790 , L0000791 , L0000792 ,
 , L0000794 ,
 L0000801 L0000795 , L0000796 , L0000797 , L0000798 , L0000799 , L0000800 ,
 , L0000802 ,
 L0000809 L0000803 , L0000804 , L0000805 , L0000806 , L0000807 , L0000808 ,
 , L0000810 ,
 L0000817 L0000811 , L0000812 , L0000813 , L0000814 , L0000815 , L0000816 ,
 , L0000818 ,
 L0000825 L0000819 , L0000820 , L0000821 , L0000822 , L0000823 , L0000824 ,
 , L0000826 ,

*** AERMOD - VERSION 22112 *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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L0000827 , L0000828 ,
 *** AERMOD - VERSION 22112 *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** NCSD Biomass Boiler and Pipeline Construction HRA
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

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*** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
Boiler C *** 02/08/23
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

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^ *** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
Boiler C *** 02/08/23
*** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler and Pipeline Construction HRA
*** 10:45:52

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

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( 746434.2, 4351821.0, 1885.3, 2624.2, 0.0); ( 746534.2, 4351821.0,
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( 746634.2, 4351821.0, 1878.5, 2624.2, 0.0); ( 747334.2, 4351821.0,
1915.1, 2624.2, 0.0);
( 747434.2, 4351821.0, 1929.2, 2624.2, 0.0); ( 747534.2, 4351821.0,
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( 747634.2, 4351821.0, 1955.2, 2624.2, 0.0); ( 747734.2, 4351821.0,
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( 748234.2, 4351821.0, 1952.5, 2624.2, 0.0); ( 748534.2, 4351821.0,
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1864.2, 2624.2, 0.0);
▲ *** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
Boiler C *** 02/08/23
*** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler and Pipeline Construction HRA
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

```

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1951.5, 2624.2, 0.0);

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1950.6, 2624.2,	0.0);			
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1934.3, 2624.2,	0.0);			
(748549.9, 4351948.5,	1879.4,	2660.3,	0.0);	(749034.2, 4351921.0,
1880.8, 2660.3,	0.0);			
(749134.2, 4351921.0,	1894.4,	2660.3,	0.0);	(749234.2, 4351921.0,
1909.0, 2660.3,	0.0);			
(749334.2, 4351921.0,	1930.1,	2660.3,	0.0);	(749434.2, 4351921.0,
1954.0, 2660.3,	0.0);			
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1943.2, 2660.3,	0.0);			
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^ *** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
Boiler C *** 02/08/23
*** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler and Pipeline Construction HRA
*** 10:45:52

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

```

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^ *** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
Boiler C *** 02/08/23
*** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler and Pipeline Construction HRA
*** 10:45:52

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

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

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1796.1, 2660.3, 0.0);
( 748234.2, 4353321.0, 1798.5, 2660.3, 0.0); ( 748334.2, 4353321.0,
1800.2, 2660.3, 0.0);
( 748434.2, 4353321.0, 1797.7, 2660.3, 0.0); ( 748534.2, 4353321.0,
1796.1, 2660.3, 0.0);
( 748634.2, 4353321.0, 1796.5, 2823.2, 0.0); ( 748734.2, 4353321.0,
1797.0, 2823.2, 0.0);
( 748834.2, 4353321.0, 1809.5, 2823.2, 0.0); ( 748934.2, 4353321.0,
1829.3, 2823.2, 0.0);
( 748134.2, 4353421.0, 1789.4, 2660.3, 0.0); ( 748234.2, 4353421.0,
1791.9, 2660.3, 0.0);
( 748334.2, 4353421.0, 1792.0, 2660.3, 0.0); ( 748434.2, 4353421.0,
1791.8, 2660.3, 0.0);
( 748534.2, 4353421.0, 1791.8, 2822.7, 0.0); ( 748634.2, 4353421.0,
1792.4, 2823.2, 0.0);
( 748734.2, 4353421.0, 1795.4, 2823.2, 0.0); ( 748834.2, 4353421.0,
1816.7, 2823.2, 0.0);
( 748934.2, 4353421.0, 1837.2, 2660.3, 0.0); ( 748134.2, 4353521.0,
1786.4, 2660.3, 0.0);
( 748234.2, 4353521.0, 1786.8, 2660.3, 0.0); ( 748334.2, 4353521.0,
1787.1, 2660.3, 0.0);
( 748434.2, 4353521.0, 1789.4, 2660.3, 0.0); ( 748534.2, 4353521.0,
1788.7, 2823.2, 0.0);
( 748634.2, 4353521.0, 1788.8, 2823.2, 0.0); ( 748734.2, 4353521.0,
1793.6, 2823.2, 0.0);
( 748834.2, 4353521.0, 1814.6, 2823.2, 0.0); ( 748934.2, 4353521.0,
1823.3, 2823.2, 0.0);
( 748134.2, 4353621.0, 1783.9, 2660.3, 0.0); ( 748234.2, 4353621.0,
1784.6, 2660.3, 0.0);
( 748334.2, 4353621.0, 1785.2, 2660.3, 0.0); ( 748434.2, 4353621.0,
1785.6, 2660.3, 0.0);
( 748534.2, 4353621.0, 1785.3, 2823.2, 0.0); ( 748634.2, 4353621.0,
1785.8, 2823.2, 0.0);
( 748734.2, 4353621.0, 1789.1, 2823.2, 0.0); ( 748834.2, 4353621.0,
1800.6, 2823.2, 0.0);
^ *** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
Boiler C *** 02/08/23
*** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler and Pipeline Construction HRA
*** 10:45:52

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

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

```

( 748934.2, 4353621.0, 1807.2, 2823.2, 0.0); ( 748134.2, 4353721.0,
1781.6, 2660.3, 0.0);
( 748234.2, 4353721.0, 1782.5, 2660.3, 0.0); ( 748334.2, 4353721.0,

```

1782.4,	2660.3,	0.0);			
(748434.2,	4353721.0,	1781.9,	2660.3,	0.0);	(748534.2, 4353721.0,
1783.1,	2823.2,	0.0);			
(748634.2,	4353721.0,	1784.0,	2823.2,	0.0);	(748734.2, 4353721.0,
1786.4,	2823.2,	0.0);			
(748834.2,	4353721.0,	1790.9,	2823.2,	0.0);	(748934.2, 4353721.0,
1799.5,	2823.2,	0.0);			
(748134.2,	4353821.0,	1780.1,	2660.3,	0.0);	(748234.2, 4353821.0,
1780.1,	2660.3,	0.0);			
(748334.2,	4353821.0,	1778.7,	2660.3,	0.0);	(748434.2, 4353821.0,
1780.0,	2660.3,	0.0);			
(748534.2,	4353821.0,	1781.6,	2823.2,	0.0);	(748634.2, 4353821.0,
1782.2,	2823.2,	0.0);			
(748734.2,	4353821.0,	1783.5,	2823.2,	0.0);	(748834.2, 4353821.0,
1787.4,	2823.2,	0.0);			
(748934.2,	4353821.0,	1794.7,	2823.2,	0.0);	(748584.5, 4352211.0,
1885.0,	2660.3,	0.0);			
(748617.6,	4352190.3,	1878.6,	2660.3,	0.0);	(748591.1, 4352250.7,
1882.1,	2660.3,	0.0);			
(748669.6,	4352215.8,	1870.2,	2660.3,	0.0);	(748616.6, 4352277.2,
1878.6,	2660.3,	0.0);			
(748690.3,	4352249.8,	1869.0,	2660.3,	0.0);	(748642.2, 4352387.7,
1878.9,	2660.3,	0.0);			
(748768.8,	4352459.5,	1854.1,	2660.3,	0.0);	(748812.2, 4352155.3,
1862.9,	2660.3,	0.0);			
(748804.7,	4352253.6,	1855.0,	2660.3,	0.0);	(748392.7, 4352234.7,
1928.3,	2624.2,	0.0);			
(748369.1,	4352212.0,	1927.8,	2624.2,	0.0);	(748306.7, 4352223.3,
1933.0,	2624.2,	0.0);			
(748795.2,	4352195.9,	1859.1,	2660.3,	0.0);	(748287.6, 4352207.7,
1932.1,	2624.2,	0.0);			
(748280.4,	4352178.0,	1929.5,	2624.2,	0.0);	(748261.1, 4352145.9,
1930.9,	2624.2,	0.0);			
(748232.2,	4352102.5,	1931.9,	2624.2,	0.0);	(748241.8, 4352072.8,
1929.3,	2624.2,	0.0);			
(748278.8,	4352046.3,	1922.9,	2624.2,	0.0);	(748269.1, 4352021.4,
1924.2,	2624.2,	0.0);			
(748281.2,	4352000.5,	1922.6,	2624.2,	0.0);	(748278.8, 4351958.8,
1924.9,	2624.2,	0.0);			
(748286.8,	4351937.1,	1924.6,	2624.2,	0.0);	(748300.4, 4351917.8,
1922.7,	2624.2,	0.0);			
(748500.4,	4351912.2,	1886.5,	2660.3,	0.0);	(748500.4, 4351883.3,
1887.7,	2660.3,	0.0);			
(748475.5,	4351831.5,	1892.1,	2660.3,	0.0);	(748469.8, 4351799.4,
1894.4,	2660.3,	0.0);			
(748499.1,	4351778.6,	1892.5,	2660.3,	0.0);	(748495.3, 4351718.1,
1896.6,	2660.3,	0.0);			
(748507.6,	4351744.6,	1893.8,	2660.3,	0.0);	(748541.6, 4351865.5,
1885.4,	2660.3,	0.0);			
(748504.8,	4351644.4,	1899.0,	2660.3,	0.0);	(748509.5, 4351615.1,
1900.7,	2660.3,	0.0);			
(748318.6,	4351677.5,	1927.7,	2624.2,	0.0);	(748457.5, 4351557.5,
1910.0,	2624.2,	0.0);			
(748321.5,	4351642.5,	1928.0,	2624.2,	0.0);	(748344.1, 4351584.9,
1927.0,	2624.2,	0.0);			
(748347.9,	4351551.8,	1927.6,	2624.2,	0.0);	(748108.9, 4351572.8,
1969.6,	2624.2,	0.0);			
(748036.2,	4351387.6,	1965.5,	2624.2,	0.0);	(748033.3, 4351360.2,
1965.6,	2624.2,	0.0);			
(748055.1,	4351291.2,	1963.0,	2624.2,	0.0);	(748064.5, 4351268.5,
1962.7,	2624.2,	0.0);			

[illegible]

1 1 1 1 1 1 1 1 1 1 1 1 1

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,
*** AERMOD - VERSION 22112 *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
Boiler C *** 02/08/23
*** AERMET - VERSION 19191 *** NCSD Biomass Boiler and Pipeline Construction HRA
*** 10:45:52

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

Surface file: Met Data\KTVL_2017-2021_ADJU.SFC
Met Version: 19191
Profile file: Met Data\KTVL_2017-2021_ADJU.PFL
Surface format: FREE

Profile format: FREE

Surface station no.: 93230
Name: UNKNOWN

Upper air station no.: 23230
Name: OAKLAND/WSO_AP

Year: 2017

Year: 2017

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN	ALBEDO	REF	WS	WD
HT	REF	TA		HT														
17	01	01	1	01	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.14	0.47	1.00	0.00	0.		
10.0	267.0			2.0														
17	01	01	1	02	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.14	0.47	1.00	0.00	0.		
10.0	266.4			2.0														
17	01	01	1	03	-4.4	0.096	-9.000	-9.000	-999.	71.	14.2	0.03	0.47	1.00	1.53	191.		
10.0	265.9			2.0														
17	01	01	1	04	-2.7	0.077	-9.000	-9.000	-999.	51.	11.8	0.03	0.47	1.00	1.18	194.		
10.0	265.9			2.0														
17	01	01	1	05	-7.8	0.128	-9.000	-9.000	-999.	109.	19.1	0.03	0.47	1.00	2.01	198.		
10.0	265.4			2.0														
17	01	01	1	06	-3.7	0.094	-9.000	-9.000	-999.	69.	15.7	0.13	0.47	1.00	1.11	268.		
10.0	265.9			2.0														
17	01	01	1	07	-5.4	0.114	-9.000	-9.000	-999.	92.	19.3	0.18	0.47	1.00	1.25	313.		
10.0	267.5			2.0														
17	01	01	1	08	-41.0	0.503	-9.000	-9.000	-999.	855.	277.8	0.23	0.47	0.85	4.75	210.		
10.0	273.1			2.0														
17	01	01	1	09	-12.9	0.383	-9.000	-9.000	-999.	581.	312.3	0.03	0.47	0.57	5.62	178.		
10.0	274.2			2.0														
17	01	01	1	10	13.4	0.528	0.645	0.019	570.	920.	-781.6	0.03	0.47	0.47	7.52	178.		
10.0	275.4			2.0														
17	01	01	1	11	29.8	0.355	0.952	0.018	824.	533.	-106.5	0.03	0.47	0.44	4.83	195.		
10.0	277.5			2.0														
17	01	01	1	12	38.4	0.451	1.097	0.019	977.	725.	-169.0	0.03	0.47	0.42	6.23	201.		

10.0	278.1	2.0														
17	01	01	1	13	38.8	0.569	1.139	0.020	1084.	1028.	-336.8	0.03	0.47	0.42	7.98	206.
10.0	277.0	2.0														
17	01	01	1	14	31.0	0.605	1.058	0.013	1085.	1129.	-507.2	0.03	0.47	0.43	8.54	201.
10.0	275.9	2.0														
17	01	01	1	15	15.5	0.587	0.841	0.019	1086.	1081.	-925.1	0.03	0.47	0.47	8.33	202.
10.0	274.9	2.0														
17	01	01	1	16	-9.9	0.411	-9.000	-9.000	-999.	660.	497.1	0.03	0.47	0.55	5.94	205.
10.0	272.5	2.0														
17	01	01	1	17	-30.4	0.379	-9.000	-9.000	-999.	562.	158.3	0.03	0.47	0.80	5.63	207.
10.0	270.9	2.0														
17	01	01	1	18	-43.9	0.532	-9.000	-9.000	-999.	931.	311.3	0.03	0.47	1.00	7.79	203.
10.0	269.9	2.0														
17	01	01	1	19	-48.1	0.582	-9.000	-9.000	-999.	1065.	373.2	0.03	0.47	1.00	8.50	204.
10.0	269.2	2.0														
17	01	01	1	20	-52.7	0.634	-9.000	-9.000	-999.	1209.	441.7	0.03	0.47	1.00	9.22	203.
10.0	269.2	2.0														
17	01	01	1	21	-59.0	0.710	-9.000	-9.000	-999.	1432.	554.3	0.03	0.47	1.00	10.29	204.
10.0	269.2	2.0														
17	01	01	1	22	-54.6	0.656	-9.000	-9.000	-999.	1282.	474.1	0.03	0.47	1.00	9.54	203.
10.0	269.2	2.0														
17	01	01	1	23	-44.0	0.532	-9.000	-9.000	-999.	949.	311.2	0.03	0.47	1.00	7.79	205.
10.0	269.2	2.0														
17	01	01	1	24	-45.6	0.551	-9.000	-9.000	-999.	981.	334.1	0.03	0.47	1.00	8.06	204.
10.0	269.2	2.0														

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
17	01	01	01	10.0	1	-999.	-99.00	267.1	99.0	-99.00	-99.00

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

*** AERMOD - VERSION 22112 *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler and Pipeline Construction HRA
 *** 10:45:52

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE

GROUP: ON-SITE ***

INCLUDING SOURCE(S): L0000669 , L0000670 , L0000671 ,
 L0000672 , L0000673 ,
 L0000674 , L0000675 , L0000676 , L0000677 , L0000678 , L0000679 ,
 L0000680 , L0000681 ,
 L0000682 , L0000683 , L0000684 , L0000685 , L0000686 , L0000687 ,
 L0000688 , L0000689 ,
 L0000690 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

CONC	X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)
0.04314	747334.19	4349821.00	0.04002	747434.19	4349821.00

	747534.19	4349821.00	0.04536	747634.19	4349821.00
0.04726	747734.19	4349821.00	0.04797	747834.19	4349821.00
0.04733	747934.19	4349821.00	0.04485	748034.19	4349821.00
0.04142	748134.19	4349821.00	0.03712	748234.19	4349821.00
0.03242	748334.19	4349821.00	0.02754	748434.19	4349821.00
0.02258	747334.19	4349921.00	0.04123	747434.19	4349921.00
0.04578	747534.19	4349921.00	0.04934	747634.19	4349921.00
0.05156	747734.19	4349921.00	0.05283	747834.19	4349921.00
0.05222	747934.19	4349921.00	0.04956	748034.19	4349921.00
0.04614	748134.19	4349921.00	0.04129	748234.19	4349921.00
0.03612	748334.19	4349921.00	0.03038	748434.19	4349921.00
0.02457	747334.19	4350021.00	0.04172	747434.19	4350021.00
0.04708	747534.19	4350021.00	0.05198	747634.19	4350021.00
0.05551	747734.19	4350021.00	0.05733	747834.19	4350021.00
0.05728	747934.19	4350021.00	0.05474	748034.19	4350021.00
0.05107	748134.19	4350021.00	0.04701	748234.19	4350021.00
0.04127	748334.19	4350021.00	0.03446	748434.19	4350021.00
0.02725	747334.19	4350121.00	0.04207	747434.19	4350121.00
0.04816	747534.19	4350121.00	0.05423	747634.19	4350121.00
0.05887	747734.19	4350121.00	0.06180	747834.19	4350121.00
0.06268	747934.19	4350121.00	0.06024	748034.19	4350121.00
0.05742	748134.19	4350121.00	0.05261	748234.19	4350121.00
0.04638	748334.19	4350121.00	0.03877	748434.19	4350121.00
0.03084	747334.19	4350221.00	0.04282	747434.19	4350221.00
0.04933	747534.19	4350221.00	0.05630	747634.19	4350221.00
0.06231	747734.19	4350221.00	0.06620	747834.19	4350221.00
0.06751	747934.19	4350221.00	0.06571	748034.19	4350221.00
0.06310	748134.19	4350221.00	0.06075	748234.19	4350221.00
0.05417	748334.19	4350221.00	0.04589	748434.19	4350221.00
0.03587	747334.19	4350321.00	0.04301	747434.19	4350321.00
0.05040	747534.19	4350321.00	0.05832	747634.19	4350321.00

0.06581	747734.19	4350321.00	0.07065	747834.19	4350321.00
0.07265	747934.19	4350321.00	0.07271	748034.19	4350321.00
0.07121	748134.19	4350321.00	0.06880	748234.19	4350321.00
0.06272	748334.19	4350321.00	0.05375	748434.19	4350321.00
0.04205	747334.19	4350421.00	0.04263	747434.19	4350421.00
0.05106	747534.19	4350421.00	0.06073	747634.19	4350421.00
0.06976	747734.19	4350421.00	0.07612	747834.19	4350421.00
0.07967	747934.19	4350421.00	0.08068	748034.19	4350421.00

0.07870
 *** AERMOD - VERSION 22112 *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler and Pipeline Construction HRA
 *** 10:45:52

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE

GROUP: ON-SITE ***

INCLUDING SOURCE(S): L0000669 , L0000670 , L0000671 ,

L0000672 , L0000673 ,

L0000674 , L0000675 , L0000676 , L0000677 , L0000678 , L0000679 ,

L0000680 , L0000681 ,

L0000682 , L0000683 , L0000684 , L0000685 , L0000686 , L0000687 ,

L0000688 , L0000689 ,

L0000690 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3

**

	X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)
CONC					
0.07300	748134.19	4350421.00	0.07636	748234.19	4350421.00
0.04976	748334.19	4350421.00	0.06330	748434.19	4350421.00
0.05214	747334.19	4350521.00	0.04276	747434.19	4350521.00
0.07346	747534.19	4350521.00	0.06273	747634.19	4350521.00
0.08978	747734.19	4350521.00	0.08359	747834.19	4350521.00
0.08683	747934.19	4350521.00	0.09018	748034.19	4350521.00
0.08113	748134.19	4350521.00	0.08447	748234.19	4350521.00
0.05970	748334.19	4350521.00	0.07473	748434.19	4350521.00
	747334.19	4350621.00	0.04313	747434.19	4350621.00

0.05337	747534.19	4350621.00	0.06505	747634.19	4350621.00
0.07764	747734.19	4350621.00	0.09014	747834.19	4350621.00
0.09962	747934.19	4350621.00	0.10376	748034.19	4350621.00
0.09963	748134.19	4350621.00	0.09479	748234.19	4350621.00
0.09150	748334.19	4350621.00	0.08858	748434.19	4350621.00
0.07169	747334.19	4350721.00	0.04378	747434.19	4350721.00
0.05427	747534.19	4350721.00	0.06588	747634.19	4350721.00
0.07960	747734.19	4350721.00	0.09486	747834.19	4350721.00
0.10926	747934.19	4350721.00	0.11830	748034.19	4350721.00
0.11751	748134.19	4350721.00	0.11085	748234.19	4350721.00
0.10797	748334.19	4350721.00	0.10370	748434.19	4350721.00
0.08813	747334.19	4350821.00	0.04475	747434.19	4350821.00
0.05464	747534.19	4350821.00	0.06598	747634.19	4350821.00
0.07949	747734.19	4350821.00	0.09804	747834.19	4350821.00
0.11936	747934.19	4350821.00	0.13565	748034.19	4350821.00
0.14077	748134.19	4350821.00	0.13418	748234.19	4350821.00
0.13074	748334.19	4350821.00	0.12682	748434.19	4350821.00
0.10970	747334.19	4350921.00	0.04560	747434.19	4350921.00
0.05463	747534.19	4350921.00	0.06535	747634.19	4350921.00
0.07957	747734.19	4350921.00	0.10107	747834.19	4350921.00
0.12867	747934.19	4350921.00	0.15710	748034.19	4350921.00
0.17237	748134.19	4350921.00	0.17372	748234.19	4350921.00
0.16869	748334.19	4350921.00	0.16162	748434.19	4350921.00
0.14244	747334.19	4351021.00	0.04665	747434.19	4351021.00
0.05459	747534.19	4351021.00	0.06359	747634.19	4351021.00
0.07829	747734.19	4351021.00	0.10285	747834.19	4351021.00
0.13573	747934.19	4351021.00	0.17715	748034.19	4351021.00
0.21364	748334.19	4351021.00	0.20728	748434.19	4351021.00
0.18447	748534.19	4351021.00	0.17085	748634.19	4351021.00
0.15633	747334.19	4351121.00	0.04750	747434.19	4351121.00
0.05437					

747534.19 4351121.00 0.06294 747634.19 4351121.00
 0.07794
 *** AERMOD - VERSION 22112 *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** NCSD Biomass Boiler and Pipeline Construction HRA
 *** 10:45:52

PAGE 20
 *** MODELOPTS: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE
 GROUP: ON-SITE ***
 INCLUDING SOURCE(S): L0000669 , L0000670 , L0000671 ,
 L0000672 , L0000673 ,
 L0000674 , L0000675 , L0000676 , L0000677 , L0000678 , L0000679 ,
 L0000680 , L0000681 ,
 L0000682 , L0000683 , L0000684 , L0000685 , L0000686 , L0000687 ,
 L0000688 , L0000689 ,
 L0000690 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3

**

CONC	X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)
0.14438	747734.19	4351121.00	0.10482	747834.19	4351121.00
0.25832	747934.19	4351121.00	0.19863	748034.19	4351121.00
0.30037	748334.19	4351121.00	0.30096	748434.19	4351121.00
0.24464	748534.19	4351121.00	0.25466	748634.19	4351121.00
0.05392	747334.19	4351221.00	0.04880	747434.19	4351221.00
0.07865	747534.19	4351221.00	0.06277	747634.19	4351221.00
0.14818	747734.19	4351221.00	0.10451	747834.19	4351221.00
0.30650	747934.19	4351221.00	0.21483	748034.19	4351221.00
0.45281	748134.19	4351221.00	0.39164	748234.19	4351221.00
0.36917	748434.19	4351221.00	0.40613	748634.19	4351221.00
0.05497	747334.19	4351321.00	0.05088	747434.19	4351321.00
0.07955	747534.19	4351321.00	0.06361	747634.19	4351321.00
0.14676	747734.19	4351321.00	0.10425	747834.19	4351321.00
0.34430	747934.19	4351321.00	0.22383	748034.19	4351321.00
0.69327	748234.19	4351321.00	0.66088	748334.19	4351321.00
0.03634	748434.19	4351321.00	0.67732	746434.19	4351421.00

0.03745	746534.19	4351421.00	0.03657	746634.19	4351421.00
0.05801	747334.19	4351421.00	0.05324	747434.19	4351421.00
0.08113	747534.19	4351421.00	0.06603	747634.19	4351421.00
0.14452	747734.19	4351421.00	0.10524	747834.19	4351421.00
0.36098	747934.19	4351421.00	0.22347	748034.19	4351421.00
1.04905	748234.19	4351421.00	0.86241	748334.19	4351421.00
0.05158	746434.19	4351521.00	0.05436	746534.19	4351521.00
0.05842	746634.19	4351521.00	0.04715	747334.19	4351521.00
0.07079	747434.19	4351521.00	0.06229	747534.19	4351521.00
0.10751	747634.19	4351521.00	0.08623	747734.19	4351521.00
0.21098	747834.19	4351521.00	0.14225	747934.19	4351521.00
0.51113	748034.19	4351521.00	0.34504	748103.00	4351532.34
1.41250	748083.00	4351484.15	0.46391	748334.19	4351521.00
2.36453	748451.19	4351515.33	2.25590	748534.19	4351521.00
0.08883	748634.19	4351521.00	2.45547	746434.19	4351621.00
0.07427	746534.19	4351621.00	0.08323	746634.19	4351621.00
0.07045	747334.19	4351621.00	0.07415	747434.19	4351621.00
0.08986	747534.19	4351621.00	0.07610	747634.19	4351621.00
0.14348	747734.19	4351621.00	0.11225	747834.19	4351621.00
0.31509	747934.19	4351621.00	0.19974	748034.19	4351621.00
1.36978	748073.71	4351672.02	0.38600	748234.19	4351621.00
4.91443	748334.19	4351621.00	2.33797	748534.19	4351621.00
0.17650	746434.19	4351721.00	0.19170	746534.19	4351721.00
0.09701	746634.19	4351721.00	0.22627	747334.19	4351721.00

*** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler and Pipeline Construction HRA
 *** 10:45:52

PAGE 21

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE

GROUP: ON-SITE ***

INCLUDING SOURCE(S): L0000669 , L0000670 , L0000671 ,
 L0000672 , L0000673 ,
 L0000674 , L0000675 , L0000676 , L0000677 , L0000678 , L0000679 ,

L0000680 , L0000681 ,
 L0000682 , L0000683 , L0000684 , L0000685 , L0000686 , L0000687 ,
 L0000688 , L0000689 ,
 L0000690 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

CONC	X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)
0.08145	747434.19	4351721.00	0.07654	747534.19	4351721.00
0.12014	747634.19	4351721.00	0.09592	747734.19	4351721.00
0.19777	747834.19	4351721.00	0.14975	747934.19	4351721.00
0.60374	748034.19	4351721.00	0.30330	748134.19	4351721.00
3.92075	748234.19	4351721.00	1.49914	748334.19	4351721.00
5.94366	748534.19	4351721.00	8.88602	748634.19	4351721.00
0.22995	746434.19	4351821.00	0.20877	746534.19	4351821.00
0.17505	746634.19	4351821.00	0.23821	747334.19	4351821.00
0.09800	747434.19	4351821.00	0.11563	747534.19	4351821.00
0.11970	747634.19	4351821.00	0.10203	747734.19	4351821.00
0.20454	747834.19	4351821.00	0.15028	747934.19	4351821.00
0.58261	748034.19	4351821.00	0.33547	748134.19	4351821.00
14.92183	748234.19	4351821.00	1.29393	748534.19	4351821.00
0.19546	748634.19	4351821.00	6.93211	746434.19	4351921.00
0.21857	746534.19	4351921.00	0.21895	746634.19	4351921.00
0.23659	747334.19	4351921.00	0.51654	747434.19	4351921.00
0.09772	747534.19	4351921.00	0.12577	747634.19	4351921.00
0.13290	747734.19	4351921.00	0.10652	747834.19	4351921.00
0.32718	747934.19	4351921.00	0.19685	748034.19	4351921.00
1.41433	748134.19	4351921.00	0.57554	748234.19	4351921.00
1.68841	748549.88	4351948.46	19.88476	749034.19	4351921.00
0.89818	749134.19	4351921.00	1.47270	749234.19	4351921.00
0.05653	749334.19	4351921.00	0.26035	749434.19	4351921.00
	749534.19	4351921.00	0.03746	749634.19	4351921.00

0.09313	746434.19	4352021.00	0.18209	746534.19	4352021.00
0.19569	746634.19	4352021.00	0.20332	747334.19	4352021.00
0.50822	747434.19	4352021.00	0.34675	747534.19	4352021.00
0.11254	747634.19	4352021.00	0.08248	747734.19	4352021.00
0.09095	747834.19	4352021.00	0.11721	747934.19	4352021.00
0.17939	748034.19	4352021.00	0.27964	748134.19	4352021.00
0.48068	748234.19	4352021.00	1.04076	749034.19	4352021.00
1.89948	749134.19	4352021.00	1.66623	749234.19	4352021.00
1.29696	749334.19	4352021.00	0.55563	749434.19	4352021.00
0.08846	749534.19	4352021.00	0.06504	749634.19	4352021.00
0.18871	746434.19	4352121.00	0.17061	746534.19	4352121.00
0.17932	746634.19	4352121.00	0.19094	747334.19	4352121.00
0.47520	747434.19	4352121.00	0.53248	747534.19	4352121.00
0.14852	747634.19	4352121.00	0.09228	747734.19	4352121.00
0.09550	747834.19	4352121.00	0.12207	747934.19	4352121.00
0.18367	748034.19	4352121.00	0.27043	748134.19	4352121.00

0.42656
 *** AERMOD - VERSION 22112 *** ** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler and Pipeline Construction HRA
 *** 10:45:52

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE

GROUP: ON-SITE ***

INCLUDING SOURCE(S): L0000669 , L0000670 , L0000671 ,
 L0000672 , L0000673 ,
 L0000674 , L0000675 , L0000676 , L0000677 , L0000678 , L0000679 ,
 L0000680 , L0000681 ,
 L0000682 , L0000683 , L0000684 , L0000685 , L0000686 , L0000687 ,
 L0000688 , L0000689 ,
 L0000690 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

CONC	X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)
---	---	---	---	---	---
---	748234.19	4352121.00	0.82858	748834.19	4352121.00

3.90679					
	748934.19	4352121.00	2.72678	749034.19	4352121.00
2.01542					
	749134.19	4352121.00	1.63692	749234.19	4352121.00
1.42544					
	749334.19	4352121.00	1.24281	749434.19	4352121.00
0.33719					
	749534.19	4352121.00	0.11587	749634.19	4352121.00
0.46037					
	746434.19	4352221.00	0.16413	746534.19	4352221.00
0.17296					
	746634.19	4352221.00	0.18409	747334.19	4352221.00
0.45366					
	747434.19	4352221.00	0.51200	747534.19	4352221.00
0.16750					
	747634.19	4352221.00	0.11546	747734.19	4352221.00
0.11471					
	747834.19	4352221.00	0.15363	747934.19	4352221.00
0.24126					
	748034.19	4352221.00	0.32009	748134.19	4352221.00
0.44277					
	748234.19	4352221.00	0.77583	748334.19	4352221.00
2.97301					
	748634.19	4352221.00	15.48443	748734.19	4352221.00
5.80606					
	748834.19	4352221.00	3.72660	748934.19	4352221.00
2.67742					
	749034.19	4352221.00	2.01268	749134.19	4352221.00
1.63607					
	749234.19	4352221.00	1.44252	749334.19	4352221.00
1.32270					
	749434.19	4352221.00	0.72716	749534.19	4352221.00
0.40397					
	749634.19	4352221.00	0.65098	747534.19	4352321.00
0.09502					
	747634.19	4352321.00	0.09027	747734.19	4352321.00
0.11600					
	747834.19	4352321.00	0.21596	747934.19	4352321.00
0.35337					
	748034.19	4352321.00	0.44236	748134.19	4352321.00
0.46641					
	748234.19	4352321.00	0.80521	748316.40	4352317.66
1.78481					
	748653.16	4352331.51	20.34191	748734.19	4352321.00
6.68769					
	748834.19	4352321.00	3.58739	748934.19	4352321.00
2.56196					
	749034.19	4352321.00	1.93144	749134.19	4352321.00
1.56828					
	749234.19	4352321.00	1.40873	749334.19	4352321.00
1.29440					
	749434.19	4352321.00	0.92761	749534.19	4352321.00
0.72137					
	749634.19	4352321.00	0.80158	747534.19	4352421.00
0.06396					
	747634.19	4352421.00	0.07749	747734.19	4352421.00
0.12536					
	747834.19	4352421.00	0.31140	747934.19	4352421.00
0.47648					
	748734.19	4352421.00	9.92131	748834.19	4352421.00
3.84117					

	748934.19	4352421.00	2.49721	749034.19	4352421.00
1.86416	749134.19	4352421.00	1.51289	749234.19	4352421.00
1.35723	749334.19	4352421.00	1.22065	749434.19	4352421.00
1.09359	749534.19	4352421.00	0.94660	749634.19	4352421.00
0.82053	747634.19	4352521.00	0.16774	747734.19	4352521.00
0.38247	747834.19	4352521.00	0.63930	747934.19	4352521.00
0.47820	748134.19	4352521.00	0.39114	748234.19	4352521.00
0.80625	748314.18	4352541.00	1.52264	748734.19	4352521.00
13.77972	748834.19	4352521.00	5.00260	748934.19	4352521.00

2.55781

▲ *** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass Boiler C *** 02/08/23

*** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler and Pipeline Construction HRA *** 10:45:52

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*** MODELOPTS: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE

GROUP: ON-SITE ***

INCLUDING SOURCE(S): L0000669 , L0000670 , L0000671 ,

L0000672 , L0000673 ,

L0000674 , L0000675 , L0000676 , L0000677 , L0000678 , L0000679 ,

L0000680 , L0000681 ,

L0000682 , L0000683 , L0000684 , L0000685 , L0000686 , L0000687 ,

L0000688 , L0000689 ,

L0000690 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

	X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)
CONC					
1.46749	749034.19	4352521.00	1.85112	749134.19	4352521.00
1.13496	749234.19	4352521.00	1.23627	749334.19	4352521.00
0.94475	749434.19	4352521.00	1.07606	749534.19	4352521.00
0.58226	749634.19	4352521.00	0.82767	747634.19	4352621.00
0.51851	747734.19	4352621.00	0.66850	747834.19	4352621.00
0.94518	748134.19	4352621.00	0.52095	748234.19	4352621.00
16.13117	748334.19	4352621.00	2.01892	748734.19	4352621.00
3.00628	748834.19	4352621.00	6.94790	748934.19	4352621.00

	749034.19	4352621.00	1.87544	747634.19	4352721.00
0.46312	747734.19	4352721.00	0.59189	747834.19	4352721.00
0.75072	747934.19	4352721.00	0.69902	748034.19	4352721.00
0.79987	748134.19	4352721.00	1.01858	748234.19	4352721.00
1.59257	748334.19	4352721.00	3.44611	748643.08	4352725.44
24.00009	748734.19	4352721.00	16.81540	748834.19	4352721.00
8.81529	748934.19	4352721.00	3.95741	749034.19	4352721.00
2.08875	747634.19	4352821.00	0.41320	747734.19	4352821.00
0.48022	747834.19	4352821.00	0.60573	747934.19	4352821.00
0.85852	748034.19	4352821.00	1.20388	748134.19	4352821.00
1.57907	748234.19	4352821.00	2.10155	748334.19	4352821.00
4.58321	748634.19	4352821.00	20.93013	748734.19	4352821.00
16.36663	748834.19	4352821.00	10.03857	748934.19	4352821.00
5.14751	749034.19	4352821.00	2.54785	747634.19	4352921.00
0.37795	747734.19	4352921.00	0.44225	747834.19	4352921.00
0.54660	747934.19	4352921.00	0.69477	748034.19	4352921.00
0.92360	748134.19	4352921.00	1.41265	748234.19	4352921.00
2.18006	748334.19	4352921.00	4.37318	748434.19	4352921.00
9.88749	748534.19	4352921.00	14.57990	748634.19	4352921.00
17.73490	748734.19	4352921.00	15.34561	748834.19	4352921.00
10.56742	748934.19	4352921.00	6.20497	749034.19	4352921.00
3.25304	747634.19	4353021.00	0.35469	747734.19	4353021.00
0.42168	747834.19	4353021.00	0.51911	747934.19	4353021.00
0.65168	748034.19	4353021.00	0.84379	748134.19	4353021.00
1.14696	748234.19	4353021.00	1.67877	748334.19	4353021.00
3.16055	748434.19	4353021.00	6.55698	748534.19	4353021.00
11.69766	748634.19	4353021.00	15.04735	748734.19	4353021.00
14.08878	748834.19	4353021.00	10.59861	748934.19	4353021.00
6.93510	747634.19	4353121.00	0.34035	747734.19	4353121.00
0.40874	747834.19	4353121.00	0.49830	747934.19	4353121.00
0.61511	748034.19	4353121.00	0.77989	748134.19	4353121.00

1.03965 748234.19 4353121.00 1.51400 748334.19 4353121.00
2.69307
▲ *** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
Boiler C *** 02/08/23
*** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler and Pipeline Construction HRA
*** 10:45:52

PAGE 24

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE
GROUP: ON-SITE ***
 INCLUDING SOURCE(S): L0000669 , L0000670 , L0000671 ,
L0000672 , L0000673 ,
 L0000674 , L0000675 , L0000676 , L0000677 , L0000678 , L0000679 ,
L0000680 , L0000681 ,
 L0000682 , L0000683 , L0000684 , L0000685 , L0000686 , L0000687 ,
L0000688 , L0000689 ,
 L0000690 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3

**

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

	748434.19	4353121.00	5.46425	748534.19	4353121.00
9.66066	748634.19	4353121.00	12.81518	748734.19	4353121.00
12.76678	748834.19	4353121.00	10.31500	748934.19	4353121.00
7.32234	747634.19	4353221.00	0.33152	747734.19	4353221.00
0.39736	747834.19	4353221.00	0.47920	747934.19	4353221.00
0.58438	748034.19	4353221.00	0.73391	748134.19	4353221.00
0.96529	748234.19	4353221.00	1.39236	748334.19	4353221.00
2.41670	748434.19	4353221.00	4.68411	748534.19	4353221.00
8.10861	748634.19	4353221.00	10.97148	748734.19	4353221.00
11.48313	748834.19	4353221.00	9.84980	748934.19	4353221.00
7.44820	747634.19	4353321.00	0.32476	747734.19	4353321.00
0.38587	747834.19	4353321.00	0.46023	747934.19	4353321.00
0.55669	748034.19	4353321.00	0.69223	748134.19	4353321.00
0.89918	748234.19	4353321.00	1.28901	748334.19	4353321.00
2.18791	748434.19	4353321.00	4.07091	748534.19	4353321.00
6.89588	748634.19	4353321.00	9.44919	748734.19	4353321.00

10.28599					
	748834.19	4353321.00	9.28035	748934.19	4353321.00
7.39676					
	748134.19	4353421.00	0.84653	748234.19	4353421.00
1.20358					
	748334.19	4353421.00	1.99284	748434.19	4353421.00
3.57575					
	748534.19	4353421.00	5.93122	748634.19	4353421.00
8.18906					
	748734.19	4353421.00	9.19911	748834.19	4353421.00
8.66936					
	748934.19	4353421.00	7.23483	748134.19	4353521.00
0.79990					
	748234.19	4353521.00	1.12741	748334.19	4353521.00
1.82457					
	748434.19	4353521.00	3.16929	748534.19	4353521.00
5.15241					
	748634.19	4353521.00	7.14180	748734.19	4353521.00
8.22634					
	748834.19	4353521.00	8.04045	748934.19	4353521.00
6.94831					
	748134.19	4353621.00	0.75771	748234.19	4353621.00
1.05936					
	748334.19	4353621.00	1.67825	748434.19	4353621.00
2.83006					
	748534.19	4353621.00	4.51519	748634.19	4353621.00
6.26701					
	748734.19	4353621.00	7.36301	748834.19	4353621.00
7.41826					
	748934.19	4353621.00	6.62797	748134.19	4353721.00
0.71932					
	748234.19	4353721.00	0.99763	748334.19	4353721.00
1.54920					
	748434.19	4353721.00	2.54414	748534.19	4353721.00
3.98825					
	748634.19	4353721.00	5.53223	748734.19	4353721.00
6.60266					
	748834.19	4353721.00	6.82868	748934.19	4353721.00
6.28999					
	748134.19	4353821.00	0.68434	748234.19	4353821.00
0.94134					
	748334.19	4353821.00	1.43481	748434.19	4353821.00
2.30126					
	748534.19	4353821.00	3.54793	748634.19	4353821.00
4.91108					
	748734.19	4353821.00	5.93428	748834.19	4353821.00
6.27781					
	748934.19	4353821.00	5.94117	748584.52	4352211.05
38.40406					
*** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass Boiler C *** 02/08/23 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler and Pipeline Construction HRA *** 10:45:52					

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE

GROUP: ON-SITE ***

INCLUDING SOURCE(S): L0000669 , L0000670 , L0000671 ,
L0000672 , L0000673 ,

L0000674 , L0000675 , L0000676 , L0000677 , L0000678 , L0000679 ,
 L0000680 , L0000681 ,
 L0000682 , L0000683 , L0000684 , L0000685 , L0000686 , L0000687 ,
 L0000688 , L0000689 ,
 L0000690 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3

**

CONC	X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)
39.55321	748617.59	4352190.26	17.36085	748591.14	4352250.73
28.42937	748669.56	4352215.77	9.45628	748616.64	4352277.19
28.55290	748690.34	4352249.78	8.44492	748642.16	4352387.73
4.19208	748768.76	4352459.53	7.76460	748812.23	4352155.30
7.84280	748804.67	4352253.56	4.10541	748392.72	4352234.67
1.98750	748369.10	4352211.99	5.45340	748306.74	4352223.33
1.54918	748795.22	4352195.93	4.38654	748287.59	4352207.74
1.07076	748280.37	4352178.03	1.41653	748261.09	4352145.90
0.99349	748232.18	4352102.53	0.84443	748241.81	4352072.82
1.56510	748278.76	4352046.31	1.67440	748269.12	4352021.42
2.21626	748281.17	4352000.53	1.95425	748278.76	4351958.77
3.69253	748286.79	4351937.09	2.74812	748300.44	4351917.81
30.20197	748500.42	4351912.19	35.23835	748500.42	4351883.28
20.07596	748475.48	4351831.50	25.67785	748469.81	4351799.37
9.69778	748499.10	4351778.59	14.43835	748495.32	4351718.11
16.97263	748507.61	4351744.57	11.19063	748541.62	4351865.51
4.77582	748504.77	4351644.41	5.91906	748509.50	4351615.12
2.89437	748318.63	4351677.48	2.97612	748457.53	4351557.49
1.94972	748321.47	4351642.52	2.50828	748344.14	4351584.89
0.52343	748347.92	4351551.82	1.65212	748108.92	4351572.77
0.35239	748036.17	4351387.56	0.36149	748033.33	4351360.16
0.35953	748055.06	4351291.18	0.36002	748064.51	4351268.50
0.35427	748083.41	4351244.88	0.36497	748090.03	4351220.31

	748307.36	4351257.50	0.53130	748368.87	4351208.17
0.43891	748336.38	4351195.40	0.42255	748381.64	4351190.18
0.40492	748421.68	4351187.28	0.38231	748464.62	4351182.06
0.33668	748470.43	4351237.19	0.42963	748419.36	4351230.80
0.42914	748380.48	4351293.48	0.56219	748365.39	4351278.39
0.54358	748197.10	4351361.95	0.68045	748210.45	4351328.29
0.64444	748216.83	4351289.41	0.57245	748203.25	4351380.93
0.72903	748225.78	4351410.97	0.82915		

▲ *** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler and Pipeline Construction HRA
 *** 10:45:52

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE

GROUP: OFF-SITE ***

INCLUDING SOURCE(S): L0000691 , L0000692 , L0000693 ,

L0000694 , L0000695 ,

L0000696 , L0000697 , L0000698 , L0000699 , L0000700 , L0000701 ,

L0000702 , L0000703 ,

L0000704 , L0000705 , L0000706 , L0000707 , L0000708 , L0000709 ,

L0000710 , L0000711 ,

L0000712 , L0000713 , L0000714 , L0000715 , L0000716 , L0000717 ,

L0000718 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

	X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)
CONC					
0.05256	747334.19	4349821.00	0.04578	747434.19	4349821.00
0.06612	747534.19	4349821.00	0.05908	747634.19	4349821.00
0.07547	747734.19	4349821.00	0.07207	747834.19	4349821.00
0.06992	747934.19	4349821.00	0.07455	748034.19	4349821.00
0.05268	748134.19	4349821.00	0.06211	748234.19	4349821.00
0.03351	748334.19	4349821.00	0.04287	748434.19	4349821.00
0.05475	747334.19	4349921.00	0.04606	747434.19	4349921.00
0.07204	747534.19	4349921.00	0.06366	747634.19	4349921.00
	747734.19	4349921.00	0.07965	747834.19	4349921.00

0.08466	747934.19	4349921.00	0.08496	748034.19	4349921.00
0.08136	748134.19	4349921.00	0.07242	748234.19	4349921.00
0.06168	748334.19	4349921.00	0.04947	748434.19	4349921.00
0.03779	747334.19	4350021.00	0.04533	747434.19	4350021.00
0.05480	747534.19	4350021.00	0.06570	747634.19	4350021.00
0.07673	747734.19	4350021.00	0.08637	747834.19	4350021.00
0.09388	747934.19	4350021.00	0.09628	748034.19	4350021.00
0.09353	748134.19	4350021.00	0.08709	748234.19	4350021.00
0.07486	748334.19	4350021.00	0.05959	748434.19	4350021.00
0.04409	747334.19	4350121.00	0.04442	747434.19	4350121.00
0.05430	747534.19	4350121.00	0.06658	747634.19	4350121.00
0.07977	747734.19	4350121.00	0.09244	747834.19	4350121.00
0.10325	747934.19	4350121.00	0.10812	748034.19	4350121.00
0.10976	748134.19	4350121.00	0.10263	748234.19	4350121.00
0.08905	748334.19	4350121.00	0.07121	748434.19	4350121.00
0.05342	747334.19	4350221.00	0.04414	747434.19	4350221.00
0.05392	747534.19	4350221.00	0.06691	747634.19	4350221.00
0.08222	747734.19	4350221.00	0.09742	747834.19	4350221.00
0.11062	747934.19	4350221.00	0.11923	748034.19	4350221.00
0.12456	748134.19	4350221.00	0.12627	748234.19	4350221.00
0.11225	748334.19	4350221.00	0.09164	748434.19	4350221.00
0.06761	747334.19	4350321.00	0.04333	747434.19	4350321.00
0.05337	747534.19	4350321.00	0.06687	747634.19	4350321.00
0.08401	747734.19	4350321.00	0.10141	747834.19	4350321.00
0.11758	747934.19	4350321.00	0.13307	748034.19	4350321.00
0.14590	748134.19	4350321.00	0.15186	748234.19	4350321.00
0.14082	748334.19	4350321.00	0.11800	748434.19	4350321.00
0.08834	747334.19	4350421.00	0.04212	747434.19	4350421.00
0.05240	747534.19	4350421.00	0.06723	747634.19	4350421.00
0.08578	747734.19	4350421.00	0.10595	747834.19	4350421.00
0.12684					

747934.19 4350421.00 0.14775 748034.19 4350421.00
0.16466
*** AERMOD - VERSION 22112 *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
Boiler C *** 02/08/23
*** AERMET - VERSION 19191 *** NCSD Biomass Boiler and Pipeline Construction HRA
*** 10:45:52

PAGE 27

*** MODELOPTS: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE
GROUP: OFF-SITE ***
INCLUDING SOURCE(S): L0000691 , L0000692 , L0000693 ,
L0000694 , L0000695 ,
L0000696 , L0000697 , L0000698 , L0000699 , L0000700 , L0000701 ,
L0000702 , L0000703 ,
L0000704 , L0000705 , L0000706 , L0000707 , L0000708 , L0000709 ,
L0000710 , L0000711 ,
L0000712 , L0000713 , L0000714 , L0000715 , L0000716 , L0000717 ,
L0000718 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

CONC	X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)
0.17896	748134.19	4350421.00	0.17702	748234.19	4350421.00
0.11959	748334.19	4350421.00	0.15498	748434.19	4350421.00
0.05250	747334.19	4350521.00	0.04185	747434.19	4350521.00
0.08660	747534.19	4350521.00	0.06713	747634.19	4350521.00
0.14041	747734.19	4350521.00	0.11245	747834.19	4350521.00
0.18355	747934.19	4350521.00	0.16400	748034.19	4350521.00
0.21278	748134.19	4350521.00	0.20458	748234.19	4350521.00
0.16991	748334.19	4350521.00	0.20669	748434.19	4350521.00
0.05358	747334.19	4350621.00	0.04247	747434.19	4350621.00
0.08785	747534.19	4350621.00	0.06801	747634.19	4350621.00
0.15079	747734.19	4350621.00	0.11595	747834.19	4350621.00
0.21362	747934.19	4350621.00	0.18746	748034.19	4350621.00
0.25911	748134.19	4350621.00	0.23896	748234.19	4350621.00
0.24558	748334.19	4350621.00	0.28034	748434.19	4350621.00
0.05513	747334.19	4350721.00	0.04415	747434.19	4350721.00
	747534.19	4350721.00	0.06797	747634.19	4350721.00

0.08630	747734.19	4350721.00	0.11489	747834.19	4350721.00
0.15713	747934.19	4350721.00	0.20867	748034.19	4350721.00
0.25495	748134.19	4350721.00	0.29354	748234.19	4350721.00
0.33863	748334.19	4350721.00	0.37439	748434.19	4350721.00
0.38162	747334.19	4350821.00	0.04666	747434.19	4350821.00
0.05702	747534.19	4350821.00	0.06838	747634.19	4350821.00
0.08340	747734.19	4350821.00	0.11156	747834.19	4350821.00
0.16151	747934.19	4350821.00	0.23087	748034.19	4350821.00
0.30696	748134.19	4350821.00	0.37508	748234.19	4350821.00
0.46306	748334.19	4350821.00	0.55280	748434.19	4350821.00
0.62739	747334.19	4350921.00	0.04934	747434.19	4350921.00
0.05896	747534.19	4350921.00	0.06946	747634.19	4350921.00
0.08337	747734.19	4350921.00	0.11081	747834.19	4350921.00
0.16237	747934.19	4350921.00	0.25681	748034.19	4350921.00
0.37865	748134.19	4350921.00	0.53167	748234.19	4350921.00
0.71939	748334.19	4350921.00	0.91972	748434.19	4350921.00
1.21528	747334.19	4351021.00	0.05180	747434.19	4351021.00
0.06024	747534.19	4351021.00	0.06866	747634.19	4351021.00
0.08297	747734.19	4351021.00	0.11136	747834.19	4351021.00
0.16159	747934.19	4351021.00	0.27066	748034.19	4351021.00
0.47673	748334.19	4351021.00	1.63393	748434.19	4351021.00
2.49808	748534.19	4351021.00	3.08057	748634.19	4351021.00
2.65318	747334.19	4351121.00	0.05395	747434.19	4351121.00
0.06075	747534.19	4351121.00	0.06881	747634.19	4351121.00

0.08434
 *** AERMOD - VERSION 22112 *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler and Pipeline Construction HRA
 *** 10:45:52

PAGE 28

*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE

GROUP: OFF-SITE ***

INCLUDING SOURCE(S): L0000691 , L0000692 , L0000693 ,
 L0000694 , L0000695 ,

L0000696 , L0000697 , L0000698 , L0000699 , L0000700 , L0000701 ,
 L0000702 , L0000703 ,
 L0000704 , L0000705 , L0000706 , L0000707 , L0000708 , L0000709 ,
 L0000710 , L0000711 ,
 L0000712 , L0000713 , L0000714 , L0000715 , L0000716 , L0000717 ,
 L0000718 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

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

	747734.19	4351121.00	0.11495	747834.19	4351121.00
0.16895	747934.19	4351121.00	0.28404	748034.19	4351121.00
0.56724	748334.19	4351121.00	5.35590	748434.19	4351121.00
11.44216	748534.19	4351121.00	8.78476	748634.19	4351121.00
6.12813	747334.19	4351221.00	0.05618	747434.19	4351221.00
0.06023	747534.19	4351221.00	0.06902	747634.19	4351221.00
0.08671	747734.19	4351221.00	0.11652	747834.19	4351221.00
0.17139	747934.19	4351221.00	0.28752	748034.19	4351221.00
0.63331	748134.19	4351221.00	1.76146	748234.19	4351221.00
7.29959	748434.19	4351221.00	56.49243	748634.19	4351221.00
17.59165	747334.19	4351321.00	0.05607	747434.19	4351321.00
0.05947	747534.19	4351321.00	0.06846	747634.19	4351321.00
0.08600	747734.19	4351321.00	0.11369	747834.19	4351321.00
0.16451	747934.19	4351321.00	0.28138	748034.19	4351321.00
0.60788	748234.19	4351321.00	26.90709	748334.19	4351321.00
51.18121	748434.19	4351321.00	35.37624	746434.19	4351421.00
0.07325	746534.19	4351421.00	0.07035	746634.19	4351421.00
0.06963	747334.19	4351421.00	0.05663	747434.19	4351421.00
0.05892	747534.19	4351421.00	0.06720	747634.19	4351421.00
0.08393	747734.19	4351421.00	0.10974	747834.19	4351421.00
0.15410	747934.19	4351421.00	0.26290	748034.19	4351421.00
0.51645	748234.19	4351421.00	36.39618	748334.19	4351421.00
45.74721	746434.19	4351521.00	0.16038	746534.19	4351521.00

0.09215	747434.19	4351721.00	0.13324	747534.19	4351721.00
0.11982	747634.19	4351721.00	0.09502	747734.19	4351721.00
0.18741	747834.19	4351721.00	0.14188	747934.19	4351721.00
1.03699	748034.19	4351721.00	0.32739	748134.19	4351721.00
36.42521	748234.19	4351721.00	6.07106	748334.19	4351721.00
14.23785	748534.19	4351721.00	22.28373	748634.19	4351721.00
0.19269	746434.19	4351821.00	0.17547	746534.19	4351821.00
0.38654	746634.19	4351821.00	0.20006	747334.19	4351821.00
0.27646	747434.19	4351821.00	0.41132	747534.19	4351821.00
0.14519	747634.19	4351821.00	0.17466	747734.19	4351821.00
0.19482	747834.19	4351821.00	0.14767	747934.19	4351821.00
1.07902	748034.19	4351821.00	0.45662	748134.19	4351821.00
28.36492	748234.19	4351821.00	3.79422	748534.19	4351821.00
0.16602	748634.19	4351821.00	13.72271	746434.19	4351921.00
0.18857	746534.19	4351921.00	0.18265	746634.19	4351921.00
0.42960	747334.19	4351921.00	0.41119	747434.19	4351921.00
0.20082	747534.19	4351921.00	0.44645	747634.19	4351921.00
0.14069	747734.19	4351921.00	0.13374	747834.19	4351921.00
0.73602	747934.19	4351921.00	0.27267	748034.19	4351921.00
6.20679	748134.19	4351921.00	1.53443	748234.19	4351921.00
2.06894	748549.88	4351948.46	30.34062	749034.19	4351921.00
1.27960	749134.19	4351921.00	1.56617	749234.19	4351921.00
0.60265	749334.19	4351921.00	0.98455	749434.19	4351921.00
0.57992	749534.19	4351921.00	0.39191	749634.19	4351921.00
0.16988	746434.19	4352021.00	0.15830	746534.19	4352021.00
0.38488	746634.19	4352021.00	0.17973	747334.19	4352021.00
0.41922	747434.19	4352021.00	0.42400	747534.19	4352021.00
0.12902	747634.19	4352021.00	0.17769	747734.19	4352021.00
0.49381	747834.19	4352021.00	0.17786	747934.19	4352021.00
	748034.19	4352021.00	1.08356	748134.19	4352021.00

2.08056	748234.19	4352021.00	5.04408	749034.19	4352021.00
2.25623	749134.19	4352021.00	1.61116	749234.19	4352021.00
1.31052	749334.19	4352021.00	1.04891	749434.19	4352021.00
0.76024	749534.19	4352021.00	0.60218	749634.19	4352021.00
0.63179	746434.19	4352121.00	0.15163	746534.19	4352121.00
0.16081	746634.19	4352121.00	0.17195	747334.19	4352121.00
0.36155	747434.19	4352121.00	0.41898	747534.19	4352121.00
0.41517	747634.19	4352121.00	0.39497	747734.19	4352121.00
0.27129	747834.19	4352121.00	0.38592	747934.19	4352121.00
0.80464	748034.19	4352121.00	1.18119	748134.19	4352121.00
1.92284					

*** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler and Pipeline Construction HRA
 *** 10:45:52

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE

GROUP: OFF-SITE ***

INCLUDING SOURCE(S): L0000691 , L0000692 , L0000693 ,

L0000694 , L0000695 , L0000696 , L0000697 , L0000698 , L0000699 , L0000700 , L0000701 ,

L0000702 , L0000703 , L0000704 , L0000705 , L0000706 , L0000707 , L0000708 , L0000709 ,

L0000710 , L0000711 , L0000712 , L0000713 , L0000714 , L0000715 , L0000716 , L0000717 ,

L0000718 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

	X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)
CONC					
6.07793	748234.19	4352121.00	4.30665	748834.19	4352121.00
2.45243	748934.19	4352121.00	3.86867	749034.19	4352121.00
1.25584	749134.19	4352121.00	1.65266	749234.19	4352121.00
0.85924	749334.19	4352121.00	1.08780	749434.19	4352121.00
0.68688	749534.19	4352121.00	0.68438	749634.19	4352121.00
0.15588	746434.19	4352221.00	0.14701	746534.19	4352221.00

0.34280	746634.19	4352221.00	0.16638	747334.19	4352221.00
0.39531	747434.19	4352221.00	0.39847	747534.19	4352221.00
0.47927	747634.19	4352221.00	0.42098	747734.19	4352221.00
0.83204	747834.19	4352221.00	0.62528	747934.19	4352221.00
1.79629	748034.19	4352221.00	1.14252	748134.19	4352221.00
8.56311	748234.19	4352221.00	3.66064	748334.19	4352221.00
10.60160	748634.19	4352221.00	19.22102	748734.19	4352221.00
4.08566	748834.19	4352221.00	6.40015	748934.19	4352221.00
1.77399	749034.19	4352221.00	2.64395	749134.19	4352221.00
1.08735	749234.19	4352221.00	1.30208	749334.19	4352221.00
0.76015	749434.19	4352221.00	0.91888	749534.19	4352221.00
0.34437	749634.19	4352221.00	0.70204	747534.19	4352321.00
0.47338	747634.19	4352321.00	0.37503	747734.19	4352321.00
0.81399	747834.19	4352321.00	0.62789	747934.19	4352321.00
1.67135	748034.19	4352321.00	1.09695	748134.19	4352321.00
5.18162	748234.19	4352321.00	2.89122	748316.40	4352317.66
11.49071	748653.16	4352331.51	17.46576	748734.19	4352321.00
4.35661	748834.19	4352321.00	6.91166	748934.19	4352321.00
1.90799	749034.19	4352321.00	2.83596	749134.19	4352321.00
1.08787	749234.19	4352321.00	1.37670	749334.19	4352321.00
0.79814	749434.19	4352321.00	0.94260	749534.19	4352321.00
0.18679	749634.19	4352321.00	0.69855	747534.19	4352421.00
0.46984	747634.19	4352421.00	0.25969	747734.19	4352421.00
0.79069	747834.19	4352421.00	0.61778	747934.19	4352421.00
7.52514	748734.19	4352421.00	12.01641	748834.19	4352421.00
3.05354	748934.19	4352421.00	4.71902	749034.19	4352421.00
1.47853	749134.19	4352421.00	2.06458	749234.19	4352421.00
0.96271	749334.19	4352421.00	1.11716	749434.19	4352421.00
0.69757	749534.19	4352421.00	0.80511	749634.19	4352421.00
0.50405	747634.19	4352521.00	0.40049	747734.19	4352521.00
	747834.19	4352521.00	0.62372	747934.19	4352521.00

0.75958
748134.19 4352521.00 1.10542 748234.19 4352521.00
2.43055
748314.18 4352541.00 4.26977 748734.19 4352521.00
12.03424
748834.19 4352521.00 8.05254 748934.19 4352521.00
5.15509
*** AERMOD - VERSION 22112 *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
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*** AERMET - VERSION 19191 *** NCSD Biomass Boiler and Pipeline Construction HRA
*** 10:45:52

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE

GROUP: OFF-SITE ***

INCLUDING SOURCE(S): L0000691 , L0000692 , L0000693 ,
L0000694 , L0000695 , L0000696 , L0000697 , L0000698 , L0000699 , L0000700 , L0000701 ,
L0000702 , L0000703 , L0000704 , L0000705 , L0000706 , L0000707 , L0000708 , L0000709 ,
L0000710 , L0000711 , L0000712 , L0000713 , L0000714 , L0000715 , L0000716 , L0000717 ,
L0000718 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

CONC	X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)
2.22978	749034.19	4352521.00	3.32820	749134.19	4352521.00
1.16849	749234.19	4352521.00	1.56172	749334.19	4352521.00
0.79109	749434.19	4352521.00	0.95348	749534.19	4352521.00
0.42392	749634.19	4352521.00	0.69934	747634.19	4352621.00
0.59184	747734.19	4352621.00	0.49907	747834.19	4352621.00
2.36269	748134.19	4352621.00	1.36640	748234.19	4352621.00
11.61207	748334.19	4352621.00	4.37806	748734.19	4352621.00
5.59529	748834.19	4352621.00	8.36180	748934.19	4352621.00
0.38035	749034.19	4352621.00	3.65257	747634.19	4352721.00
0.59224	747734.19	4352721.00	0.46988	747834.19	4352721.00
0.92902	747934.19	4352721.00	0.71698	748034.19	4352721.00
2.14646	748134.19	4352721.00	1.31533	748234.19	4352721.00
12.10844	748334.19	4352721.00	3.85383	748643.08	4352725.44

8.41819	748734.19	4352721.00	10.92225	748834.19	4352721.00
4.01106	748934.19	4352721.00	5.95110	749034.19	4352721.00
0.42712	747634.19	4352821.00	0.36024	747734.19	4352821.00
0.67801	747834.19	4352821.00	0.52497	747934.19	4352821.00
1.26145	748034.19	4352821.00	0.90532	748134.19	4352821.00
3.46485	748234.19	4352821.00	1.97186	748334.19	4352821.00
10.09601	748634.19	4352821.00	10.58435	748734.19	4352821.00
6.16840	748834.19	4352821.00	8.26219	748934.19	4352821.00
0.34459	749034.19	4352821.00	4.33338	747634.19	4352921.00
0.49083	747734.19	4352921.00	0.40678	747834.19	4352921.00
0.78150	747934.19	4352921.00	0.60391	748034.19	4352921.00
1.76738	748134.19	4352921.00	1.13075	748234.19	4352921.00
5.30495	748334.19	4352921.00	3.10910	748434.19	4352921.00
9.22340	748534.19	4352921.00	7.49665	748634.19	4352921.00
7.95536	748734.19	4352921.00	9.23933	748834.19	4352921.00
4.58927	748934.19	4352921.00	6.24043	749034.19	4352921.00
0.39071	747634.19	4353021.00	0.33197	747734.19	4353021.00
0.57086	747834.19	4353021.00	0.46695	747934.19	4353021.00
1.00930	748034.19	4353021.00	0.73069	748134.19	4353021.00
2.56501	748234.19	4353021.00	1.53304	748334.19	4353021.00
6.40729	748434.19	4353021.00	4.25788	748534.19	4353021.00
8.41081	748634.19	4353021.00	8.07422	748734.19	4353021.00
6.19150	748834.19	4353021.00	7.56184	748934.19	4353021.00
0.37667	747634.19	4353121.00	0.32124	747734.19	4353121.00
0.54183	747834.19	4353121.00	0.44657	747934.19	4353121.00
0.93625	748034.19	4353121.00	0.68586	748134.19	4353121.00
2.27185	748234.19	4353121.00	1.40223	748334.19	4353121.00

*** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
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 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler and Pipeline Construction HRA
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

GROUP: OFF-SITE ***

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE

INCLUDING SOURCE(S): L0000691 , L0000692 , L0000693 ,

L0000694 , L0000695 ,

L0000702 , L0000703 , L0000696 , L0000697 , L0000698 , L0000699 , L0000700 , L0000701 ,

L0000710 , L0000711 , L0000704 , L0000705 , L0000706 , L0000707 , L0000708 , L0000709 ,

L0000712 , L0000713 , L0000714 , L0000715 , L0000716 , L0000717 ,

L0000718 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

CONC	X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)
5.56016	748434.19	4353121.00	3.71605	748534.19	4353121.00
7.63333	748634.19	4353121.00	7.10258	748734.19	4353121.00
6.05161	748834.19	4353121.00	7.12426	748934.19	4353121.00
0.36335	747634.19	4353221.00	0.31169	747734.19	4353221.00
0.51690	747834.19	4353221.00	0.42862	747934.19	4353221.00
0.87762	748034.19	4353221.00	0.64996	748134.19	4353221.00
2.05438	748234.19	4353221.00	1.29409	748334.19	4353221.00
4.87256	748434.19	4353221.00	3.28911	748534.19	4353221.00
6.92024	748634.19	4353221.00	6.27885	748734.19	4353221.00
5.85269	748834.19	4353221.00	6.67228	748934.19	4353221.00
0.35080	747634.19	4353321.00	0.30267	747734.19	4353321.00
0.49433	747834.19	4353321.00	0.41202	747934.19	4353321.00
0.82406	748034.19	4353321.00	0.61692	748134.19	4353321.00
1.87051	748234.19	4353321.00	1.19967	748334.19	4353321.00
4.30442	748434.19	4353321.00	2.93606	748534.19	4353321.00
6.27357	748634.19	4353321.00	5.57769	748734.19	4353321.00
5.61800	748834.19	4353321.00	6.22103	748934.19	4353321.00
1.11900	748134.19	4353421.00	0.77902	748234.19	4353421.00
2.63892	748334.19	4353421.00	1.71222	748434.19	4353421.00
4.97819	748534.19	4353421.00	3.82911	748634.19	4353421.00

5.78523	748734.19	4353421.00	5.69257	748834.19	4353421.00
0.73842	748934.19	4353421.00	5.36450	748134.19	4353521.00
1.57467	748234.19	4353521.00	1.04704	748334.19	4353521.00
3.42745	748434.19	4353521.00	2.38612	748534.19	4353521.00
5.17251	748634.19	4353521.00	4.46335	748734.19	4353521.00
5.08452	748834.19	4353521.00	5.36691	748934.19	4353521.00
0.98271	748134.19	4353621.00	0.70127	748234.19	4353621.00
2.16854	748334.19	4353621.00	1.45429	748434.19	4353621.00
4.01920	748534.19	4353621.00	3.08495	748634.19	4353621.00
4.97043	748734.19	4353621.00	4.70777	748834.19	4353621.00
0.66714	748934.19	4353621.00	4.80604	748134.19	4353721.00
1.34775	748234.19	4353721.00	0.92456	748334.19	4353721.00
2.79092	748434.19	4353721.00	1.98008	748534.19	4353721.00
4.29370	748634.19	4353721.00	3.63430	748734.19	4353721.00
4.53437	748834.19	4353721.00	4.60251	748934.19	4353721.00
0.87176	748134.19	4353821.00	0.63575	748234.19	4353821.00
1.81597	748334.19	4353821.00	1.25297	748434.19	4353821.00
3.29902	748534.19	4353821.00	2.53670	748634.19	4353821.00
4.26293	748734.19	4353821.00	3.92446	748834.19	4353821.00
26.58516	748934.19	4353821.00	4.27054	748584.52	4352211.05

*** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler and Pipeline Construction HRA
 *** 10:45:52

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE
 GROUP: OFF-SITE ***
 INCLUDING SOURCE(S): L0000691 , L0000692 , L0000693 ,
 L0000694 , L0000695 ,
 L0000696 , L0000697 , L0000698 , L0000699 , L0000700 , L0000701 ,
 L0000702 , L0000703 ,
 L0000704 , L0000705 , L0000706 , L0000707 , L0000708 , L0000709 ,
 L0000710 , L0000711 ,
 L0000712 , L0000713 , L0000714 , L0000715 , L0000716 , L0000717 ,
 L0000718 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

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

- - - - -					
	748617.59	4352190.26	21.23429	748591.14	4352250.73
24.65458	748669.56	4352215.77	15.39099	748616.64	4352277.19
21.24015	748690.34	4352249.78	13.94828	748642.16	4352387.73
18.06563	748768.76	4352459.53	10.42318	748812.23	4352155.30
6.81123	748804.67	4352253.56	7.55230	748392.72	4352234.67
12.50375	748369.10	4352211.99	11.17040	748306.74	4352223.33
6.84595	748795.22	4352195.93	7.57068	748287.59	4352207.74
6.03219	748280.37	4352178.03	5.95539	748261.09	4352145.90
5.31431	748232.18	4352102.53	4.35517	748241.81	4352072.82
4.99005	748278.76	4352046.31	7.28870	748269.12	4352021.42
7.02958	748281.17	4352000.53	8.25650	748278.76	4351958.77
9.04430	748286.79	4351937.09	10.40235	748300.44	4351917.81
12.49819	748500.42	4351912.19	52.69161	748500.42	4351883.28
51.02715	748475.48	4351831.50	68.92086	748469.81	4351799.37
72.64852	748499.10	4351778.59	40.83385	748495.32	4351718.11
33.25179	748507.61	4351744.57	31.14243	748541.62	4351865.51
28.99001	748504.77	4351644.41	24.91795	748509.50	4351615.12
23.68423	748318.63	4351677.48	38.89747	748457.53	4351557.49
30.44956	748321.47	4351642.52	47.07288	748344.14	4351584.89
70.75399	748347.92	4351551.82	91.01674	748108.92	4351572.77
0.65735	748036.17	4351387.56	0.56322	748033.33	4351360.16
0.57436	748055.06	4351291.18	0.75737	748064.51	4351268.50
0.83806	748083.41	4351244.88	1.01539	748090.03	4351220.31
1.06493	748307.36	4351257.50	33.46996	748368.87	4351208.17
32.05276	748336.38	4351195.40	25.77218	748381.64	4351190.18
29.21072	748421.68	4351187.28	28.72920	748464.62	4351182.06
24.62138	748470.43	4351237.19	43.33644	748419.36	4351230.80
55.21120					

748380.48	4351293.48	79.50278	748365.39	4351278.39
101.13598				
748197.10	4351361.95	13.23078	748210.45	4351328.29
16.47926				
748216.83	4351289.41	13.49986	748203.25	4351380.93
15.46287				
748225.78	4351410.97	31.62372		

▲ *** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler and Pipeline Construction HRA
 *** 10:45:52

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE
 GROUP: ON-SITE ***
 INCLUDING SOURCE(S): L0000669 , L0000670 , L0000671 ,
 L0000672 , L0000673 ,
 L0000674 , L0000675 , L0000676 , L0000677 , L0000678 , L0000679 ,
 L0000680 , L0000681 ,
 L0000682 , L0000683 , L0000684 , L0000685 , L0000686 , L0000687 ,
 L0000688 , L0000689 ,
 L0000690 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

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

12.93261	747334.19	4349821.00	12.58308	(20021110)	747434.19	4349821.00
	(20021110)					
6.28114	747534.19	4349821.00	10.22459	(20021110)	747634.19	4349821.00
	(17021509)					
5.56576	747734.19	4349821.00	5.02619	(17020109)	747834.19	4349821.00
	(21010916)					
9.91907	747934.19	4349821.00	4.90864	(21123116)	748034.19	4349821.00
	(18090807)					
33.29240	748134.19	4349821.00	24.34202	(18090807)	748234.19	4349821.00
	(18090807)					
10.30164	748334.19	4349821.00	25.05406	(18090807)	748434.19	4349821.00
	(18090807)					
14.31825	747334.19	4349921.00	12.23014	(20021110)	747434.19	4349921.00
	(20021110)					
8.52009	747534.19	4349921.00	12.79126	(20021110)	747634.19	4349921.00
	(20021110)					
6.45016	747734.19	4349921.00	5.72216	(17020109)	747834.19	4349921.00
	(21010916)					
8.44814	747934.19	4349921.00	5.57151	(19011016)	748034.19	4349921.00
	(18090807)					
34.33310	748134.19	4349921.00	23.24758	(18090807)	748234.19	4349921.00
	(18090807)					
10.96160	748334.19	4349921.00	26.79730	(18090807)	748434.19	4349921.00
	(18090807)					
14.90774	747334.19	4350021.00	11.03151	(20021110)	747434.19	4350021.00
	(20021110)					

11.51125	747534.19	4350021.00	15.24941	(20021110)	747634.19	4350021.00
	(20021110)					
6.81411	747734.19	4350021.00	6.48116	(17021509)	747834.19	4350021.00
	(17020109)					
6.98942	747934.19	4350021.00	5.93810	(21010916)	748034.19	4350021.00
	(18090807)					
35.26061	748134.19	4350021.00	21.87991	(18090807)	748234.19	4350021.00
	(18090807)					
11.68838	748334.19	4350021.00	28.70613	(18090807)	748434.19	4350021.00
	(18090807)					
14.42448	747334.19	4350121.00	9.91074	(20020111)	747434.19	4350121.00
	(20021110)					
14.89237	747534.19	4350121.00	17.15083	(20021110)	747634.19	4350121.00
	(20021110)					
7.82688	747734.19	4350121.00	9.16466	(20021110)	747834.19	4350121.00
	(17020109)					
7.26436	747934.19	4350121.00	7.26622	(21010916)	748034.19	4350121.00
	(19011016)					
36.02353	748134.19	4350121.00	20.23066	(18090807)	748234.19	4350121.00
	(18090807)					
12.49203	748334.19	4350121.00	30.79852	(18090807)	748434.19	4350121.00
	(18090807)					
12.78405	747334.19	4350221.00	9.74072	(20020111)	747434.19	4350221.00
	(20021110)					
18.25873	747534.19	4350221.00	17.97287	(20021110)	747634.19	4350221.00
	(20021110)					
7.28239	747734.19	4350221.00	12.69276	(20021110)	747834.19	4350221.00
	(17020109)					
7.73854	747934.19	4350221.00	7.79975	(21010916)	748034.19	4350221.00
	(19011016)					
36.55704	748134.19	4350221.00	18.30488	(18090807)	748234.19	4350221.00
	(18090807)					
13.38468	748334.19	4350221.00	33.09361	(18090807)	748434.19	4350221.00
	(18090807)					
10.19321	747334.19	4350321.00	7.92074	(19021209)	747434.19	4350321.00
	(20021110)					
19.22564	747534.19	4350321.00	16.86542	(20021110)	747634.19	4350321.00
	(20021110)					
7.81313	747734.19	4350321.00	15.06561	(20021110)	747834.19	4350321.00
	(20021110)					
8.62277	747934.19	4350321.00	7.93606	(21010916)	748034.19	4350321.00
	(19011016)					
36.78077	748134.19	4350321.00	16.12655	(18090807)	748234.19	4350321.00
	(18090807)					
14.38115	748334.19	4350321.00	35.61098	(18090807)	748434.19	4350321.00
	(18090807)					
7.72191	747334.19	4350421.00	10.35618	(19122315)	747434.19	4350421.00
	(20020111)					
17.74026	747534.19	4350421.00	12.82925	(20021110)	747634.19	4350421.00
	(20021110)					
10.16941	747734.19	4350421.00	16.65888	(20021110)	747834.19	4350421.00
	(20021110)					
8.30447	747934.19	4350421.00	8.66236	(17020109)	748034.19	4350421.00
	(21010916)					

*** AERMOD - VERSION 22112 ***
 Boiler C *** 02/08/23
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE
 GROUP: ON-SITE ***
 INCLUDING SOURCE(S): L0000669 , L0000670 , L0000671 ,
 L0000672 , L0000673 ,
 L0000674 , L0000675 , L0000676 , L0000677 , L0000678 , L0000679 ,
 L0000680 , L0000681 ,
 L0000682 , L0000683 , L0000684 , L0000685 , L0000686 , L0000687 ,
 L0000688 , L0000689 ,
 L0000690 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3
 **

CONC	X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)
36.59726	748134.19	4350421.00	13.74460	(18090807)	748234.19	4350421.00
15.49967	748334.19	4350421.00	38.36927	(18090807)	748434.19	4350421.00
10.89508	747334.19	4350521.00	14.49636	(19122315)	747434.19	4350521.00
14.65957	747534.19	4350521.00	8.97713	(21120910)	747634.19	4350521.00
12.50478	747734.19	4350521.00	16.94959	(20021110)	747834.19	4350521.00
9.35196	747934.19	4350521.00	8.80691	(17020109)	748034.19	4350521.00
35.89210	748134.19	4350521.00	11.23813	(18090807)	748234.19	4350521.00
16.76295	748334.19	4350521.00	41.38359	(18090807)	748434.19	4350521.00
14.42283	747334.19	4350621.00	14.35208	(19122315)	747434.19	4350621.00
10.79854	747534.19	4350621.00	10.33308	(19021209)	747634.19	4350621.00
14.32824	747734.19	4350621.00	15.56471	(20021110)	747834.19	4350621.00
10.56457	747934.19	4350621.00	10.03100	(17021509)	748034.19	4350621.00
34.53789	748134.19	4350621.00	9.81951	(19011016)	748234.19	4350621.00
18.19981	748334.19	4350621.00	44.66124	(18090807)	748434.19	4350621.00
16.04318	747334.19	4350721.00	18.90956	(18112809)	747434.19	4350721.00
9.77290	747534.19	4350721.00	13.71367	(19122315)	747634.19	4350721.00
14.95267	747734.19	4350721.00	13.35074	(19012110)	747834.19	4350721.00
12.81433	747934.19	4350721.00	11.18767	(18010914)	748034.19	4350721.00
32.40582	748134.19	4350721.00	11.21029	(19011016)	748234.19	4350721.00
21.53410	748334.19	4350721.00	48.19581	(18090807)	748434.19	4350721.00
	747334.19	4350821.00	25.72645	(18112809)	747434.19	4350821.00

19.17734 (18112809)	747534.19 4350821.00	17.66338 (19122315)	747634.19 4350821.00
13.69466 (19021209)	747734.19 4350821.00	12.32471 (21120910)	747834.19 4350821.00
13.67895 (19012110)	747934.19 4350821.00	12.79479 (19011411)	748034.19 4350821.00
15.57311 (17020109)	748134.19 4350821.00	13.89882 (21010916)	748234.19 4350821.00
29.39128 (18090807)	748334.19 4350821.00	51.96227 (18090807)	748434.19 4350821.00
26.59087 (21011116)	747334.19 4350921.00	20.86403 (18112809)	747434.19 4350921.00
27.78835 (18112809)	747534.19 4350921.00	19.43126 (18112809)	747634.19 4350921.00
19.03612 (19122315)	747734.19 4350921.00	13.56767 (19021209)	747834.19 4350921.00
16.15029 (19012110)	747934.19 4350921.00	16.21054 (17122016)	748034.19 4350921.00
15.27138 (17020109)	748134.19 4350921.00	21.13274 (19020109)	748234.19 4350921.00
29.46966 (18011316)	748334.19 4350921.00	55.92292 (18090807)	748434.19 4350921.00
33.48559 (21011116)	747334.19 4351021.00	18.06807 (18021009)	747434.19 4351021.00
22.41637 (18112809)	747534.19 4351021.00	30.55088 (18112809)	747634.19 4351021.00
20.65126 (17030708)	747734.19 4351021.00	19.88218 (19122315)	747834.19 4351021.00
17.39825 (19011116)	747934.19 4351021.00	18.16579 (19012110)	748034.19 4351021.00
21.61292 (17021509)	748334.19 4351021.00	60.06339 (18090807)	748434.19 4351021.00
41.21242 (21011116)	748534.19 4351021.00	43.55033 (19011510)	748634.19 4351021.00
43.58564 (20022017)	747334.19 4351121.00	21.86735 (20010111)	747434.19 4351121.00
21.48221 (18021009)	747534.19 4351121.00	24.54497 (18112809)	747634.19 4351121.00
34.46521 (18112809)			

*** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler and Pipeline Construction HRA
 *** 10:45:52

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*** MODELOPTS: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE
 GROUP: ON-SITE ***
 INCLUDING SOURCE(S): L0000669 , L0000670 , L0000671 ,
 L0000672 , L0000673 ,
 L0000674 , L0000675 , L0000676 , L0000677 , L0000678 , L0000679 ,
 L0000680 , L0000681 ,
 L0000682 , L0000683 , L0000684 , L0000685 , L0000686 , L0000687 ,
 L0000688 , L0000689 ,
 L0000690 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

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

19.61019	747734.19 (19021209)	4351121.00	24.38895	(17030708)	747834.19	4351121.00
24.15918	747934.19 (18022218)	4351121.00	23.42637	(21120910)	748034.19	4351121.00
59.93544	748334.19 (18011109)	4351121.00	64.47375	(18090807)	748434.19	4351121.00
60.14227	748534.19 (20022017)	4351121.00	57.23607	(17101617)	748634.19	4351121.00
22.78739	747334.19 (20010111)	4351221.00	16.41506	(17121510)	747434.19	4351221.00
27.59865	747534.19 (18112809)	4351221.00	25.60254	(18021009)	747634.19	4351221.00
29.12575	747734.19 (17030708)	4351221.00	40.24697	(18112809)	747834.19	4351221.00
33.27953	747934.19 (17021122)	4351221.00	30.84101	(19011116)	748034.19	4351221.00
73.90347	748134.19 (19020109)	4351221.00	42.88267	(20122916)	748234.19	4351221.00
82.16217	748434.19 (19122509)	4351221.00	75.21822	(18011109)	748634.19	4351221.00
20.07417	747334.19 (17121510)	4351321.00	19.78269	(17121510)	747434.19	4351321.00
29.17541	747534.19 (20010111)	4351321.00	22.52169	(20010111)	747634.19	4351321.00
49.07524	747734.19 (18112809)	4351321.00	32.09459	(18112809)	747834.19	4351321.00
39.83770	747934.19 (19011116)	4351321.00	39.56656	(17030708)	748034.19	4351321.00
132.04883	748234.19 (18090807)	4351321.00	91.45502	(19020109)	748334.19	4351321.00
16.53325	748434.19 (18022620)	4351321.00	110.17754	(18011109)	746434.19	4351421.00
16.43557	746534.19 (17121309)	4351421.00	16.69407	(17013110)	746634.19	4351421.00
19.15818	747334.19 (17121510)	4351421.00	16.76264	(19122314)	747434.19	4351421.00
23.58440	747534.19 (21111310)	4351421.00	23.67882	(21111310)	747634.19	4351421.00
38.44720	747734.19 (18112809)	4351421.00	35.26368	(20010111)	747834.19	4351421.00
57.74432	747934.19 (19122315)	4351421.00	59.61236	(18112809)	748034.19	4351421.00
134.02327	748234.19 (18011316)	4351421.00	92.53176	(19010316)	748334.19	4351421.00
34.39844	746434.19 (17122708)	4351521.00	40.20246	(17122708)	746534.19	4351521.00
18.87084	746634.19 (19122314)	4351521.00	24.36660	(20012607)	747334.19	4351521.00
19.34169	747434.19 (19122314)	4351521.00	16.13845	(18012910)	747534.19	4351521.00
33.69767	747634.19 (21111310)	4351521.00	28.39636	(21111310)	747734.19	4351521.00
46.14149	747834.19 (18021009)	4351521.00	43.36087	(20010111)	747934.19	4351521.00
75.08187	748034.19 (19122315)	4351521.00	74.54605	(18112809)	748103.00	4351532.34

748083.00	4351484.15	64.08706	(19122315)	748334.19	4351521.00
143.06176	(20010216)				
748451.19	4351515.33	286.05118	(21021002)	748534.19	4351521.00
335.56346	(18011520)				
748634.19	4351521.00	356.20802	(18120516)	746434.19	4351621.00
65.92639	(17012307)				
746534.19	4351621.00	69.95627	(17122702)	746634.19	4351621.00
63.90217	(17122702)				
747334.19	4351621.00	27.31051	(17121309)	747434.19	4351621.00
21.33180	(20020110)				
747534.19	4351621.00	21.91725	(18012910)	747634.19	4351621.00
22.25925	(18012910)				
747734.19	4351621.00	26.76259	(17021117)	747834.19	4351621.00
34.93693	(21111310)				
747934.19	4351621.00	43.83257	(20010111)	748034.19	4351621.00
61.00587	(18021009)				
748073.71	4351672.02	75.49807	(20010111)	748234.19	4351621.00
97.07152	(18010716)				
748334.19	4351621.00	218.78303	(18122216)	748534.19	4351621.00
401.74730	(18011523)				
746434.19	4351721.00	38.62219	(17012307)	746534.19	4351721.00
48.46606	(17012307)				
746634.19	4351721.00	47.27993	(17012307)	747334.19	4351721.00
43.01490	(18100222)				
▲ *** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass					
Boiler C *** 02/08/23					
*** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler and Pipeline Construction HRA					
*** 10:45:52					

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

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

GROUP: ON-SITE ***

INCLUDING SOURCE(S): L0000669 , L0000670 , L0000671 ,

L0000672 , L0000673 ,

L0000674 , L0000675 , L0000676 , L0000677 , L0000678 , L0000679 ,

L0000680 , L0000681 ,

L0000682 , L0000683 , L0000684 , L0000685 , L0000686 , L0000687 ,

L0000688 , L0000689 ,

L0000690 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

CONC	X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)
31.14053	747434.19	4351721.00	26.90784	(17013110)	747534.19	4351721.00
	(17013110)					
30.61821	747634.19	4351721.00	32.33217	(17013110)	747734.19	4351721.00
	(20020110)					
38.70190	747834.19	4351721.00	33.23545	(18012910)	747934.19	4351721.00
	(17021117)					
97.42781	748034.19	4351721.00	50.74116	(19122314)	748134.19	4351721.00
	(19031108)					
221.22525	748234.19	4351721.00	155.01599	(19122315)	748334.19	4351721.00
	(20122916)					

748534.19	4351721.00	464.26276	(17011518)	748634.19	4351721.00
346.62788	(17010701)				
746434.19	4351821.00	36.12261	(17011202)	746534.19	4351821.00
39.16638	(17011202)				
746634.19	4351821.00	39.86045	(17011202)	747334.19	4351821.00
131.69141	(21012821)				
747434.19	4351821.00	54.83446	(18113003)	747534.19	4351821.00
31.76714	(21092020)				
747634.19	4351821.00	29.40732	(18123105)	747734.19	4351821.00
30.62985	(18123105)				
747834.19	4351821.00	41.09264	(17013110)	747934.19	4351821.00
54.01708	(17013110)				
748034.19	4351821.00	61.18748	(20020110)	748134.19	4351821.00
91.30387	(19122314)				
748234.19	4351821.00	156.86865	(20010111)	748534.19	4351821.00
688.18532	(21011117)				
748634.19	4351821.00	397.86855	(21120708)	746434.19	4351921.00
32.21073	(17011202)				
746534.19	4351921.00	36.07637	(17011202)	746634.19	4351921.00
35.35747	(17011202)				
747334.19	4351921.00	87.71906	(17011202)	747434.19	4351921.00
137.90267	(17011202)				
747534.19	4351921.00	75.51063	(18062506)	747634.19	4351921.00
38.37878	(20121416)				
747734.19	4351921.00	33.10963	(20121416)	747834.19	4351921.00
32.34545	(20122719)				
747934.19	4351921.00	45.63973	(20121416)	748034.19	4351921.00
68.03476	(18010607)				
748134.19	4351921.00	88.17265	(18010607)	748234.19	4351921.00
161.71158	(17013110)				
748549.88	4351948.46	913.82790	(17010106)	749034.19	4351921.00
138.34167	(20010807)				
749134.19	4351921.00	130.19932	(20010807)	749234.19	4351921.00
169.95533	(17012717)				
749334.19	4351921.00	67.32164	(17112118)	749434.19	4351921.00
26.20058	(17073119)				
749534.19	4351921.00	21.23106	(17073119)	749634.19	4351921.00
29.15441	(20103117)				
746434.19	4352021.00	23.58246	(20012402)	746534.19	4352021.00
24.95322	(20012402)				
746634.19	4352021.00	25.05998	(20012402)	747334.19	4352021.00
54.02101	(20012402)				
747434.19	4352021.00	106.38455	(18120616)	747534.19	4352021.00
63.64350	(20041805)				
747634.19	4352021.00	36.79908	(18011610)	747734.19	4352021.00
39.33431	(18011610)				
747834.19	4352021.00	43.61256	(18011610)	747934.19	4352021.00
52.57719	(18011610)				
748034.19	4352021.00	59.47730	(20010911)	748134.19	4352021.00
86.51878	(18120120)				
748234.19	4352021.00	174.75244	(20121209)	749034.19	4352021.00
151.34568	(21120417)				
749134.19	4352021.00	145.82244	(21120417)	749234.19	4352021.00
202.22093	(20022618)				
749334.19	4352021.00	132.26300	(19122316)	749434.19	4352021.00
45.77996	(20071619)				
749534.19	4352021.00	39.88731	(20071619)	749634.19	4352021.00
67.46726	(19122316)				
746434.19	4352121.00	18.31318	(18120616)	746534.19	4352121.00
18.62205	(18120616)				
746634.19	4352121.00	19.12370	(18120616)	747334.19	4352121.00

45.65760 (21020822)
747434.19 4352121.00 62.33984 (21020822) 747534.19 4352121.00
107.98857 (21111305)
747634.19 4352121.00 35.35444 (18122105) 747734.19 4352121.00
31.99685 (18120120)
747834.19 4352121.00 38.64132 (18120120) 747934.19 4352121.00
52.72582 (20010919)
748034.19 4352121.00 73.43714 (20121209) 748134.19 4352121.00
93.41889 (20012606)
▲ *** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
Boiler C *** 02/08/23
*** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler and Pipeline Construction HRA
*** 10:45:52

PAGE 38

*** MODELOPTS: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE
GROUP: ON-SITE ***
INCLUDING SOURCE(S): L0000669 , L0000670 , L0000671 ,
L0000672 , L0000673 ,
L0000674 , L0000675 , L0000676 , L0000677 , L0000678 , L0000679 ,
L0000680 , L0000681 ,
L0000682 , L0000683 , L0000684 , L0000685 , L0000686 , L0000687 ,
L0000688 , L0000689 ,
L0000690 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3

**

CONC	X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)
219.06834	748234.19	4352121.00	193.76373	(19011410)	748834.19	4352121.00
138.02387	748934.19	4352121.00	171.01935	(20021820)	749034.19	4352121.00
113.49452	749134.19	4352121.00	120.97583	(21120317)	749234.19	4352121.00
77.12004	749334.19	4352121.00	132.58279	(20022902)	749434.19	4352121.00
99.59563	749534.19	4352121.00	47.17247	(20101517)	749634.19	4352121.00
17.96232	746434.19	4352221.00	17.27479	(21020822)	746534.19	4352221.00
42.73320	746634.19	4352221.00	18.81792	(21020822)	747334.19	4352221.00
131.35145	747434.19	4352221.00	64.38816	(21120704)	747534.19	4352221.00
47.42416	747634.19	4352221.00	71.21172	(21072624)	747734.19	4352221.00
96.05835	747834.19	4352221.00	60.65518	(18120501)	747934.19	4352221.00
118.49853	748034.19	4352221.00	99.96097	(20092618)	748134.19	4352221.00
276.78035	748234.19	4352221.00	160.76571	(17120109)	748334.19	4352221.00
	748634.19	4352221.00	270.18043	(20012419)	748734.19	4352221.00

172.29747 (19123006)			
748834.19 4352221.00	179.94974 (17021701)	748934.19 4352221.00	
155.20060 (20012619)			
749034.19 4352221.00	127.58622 (18011024)	749134.19 4352221.00	
110.46290 (20021718)			
749234.19 4352221.00	104.95684 (20021820)	749334.19 4352221.00	
103.48812 (19021719)			
749434.19 4352221.00	129.52915 (18010618)	749534.19 4352221.00	
84.98076 (17060701)			
749634.19 4352221.00	124.34422 (20011817)	747534.19 4352321.00	
55.23808 (20102224)			
747634.19 4352321.00	39.85914 (20013121)	747734.19 4352321.00	
51.39020 (20013120)			
747834.19 4352321.00	140.80572 (17052506)	747934.19 4352321.00	
206.12582 (20060406)			
748034.19 4352321.00	187.40554 (19091007)	748134.19 4352321.00	
107.25835 (17120109)			
748234.19 4352321.00	125.89927 (20010110)	748316.40 4352317.66	
186.49681 (17122410)			
748653.16 4352331.51	352.59850 (18012709)	748734.19 4352321.00	
139.29542 (19020805)			
748834.19 4352321.00	114.50073 (19123006)	748934.19 4352321.00	
108.19721 (17021701)			
749034.19 4352321.00	114.33376 (17021701)	749134.19 4352321.00	
100.26438 (20012619)			
749234.19 4352321.00	94.79097 (18011024)	749334.19 4352321.00	
95.59362 (18122501)			
749434.19 4352321.00	147.57629 (18021518)	749534.19 4352321.00	
130.35235 (19012617)			
749634.19 4352321.00	121.56665 (19012617)	747534.19 4352421.00	
28.08900 (19122313)			
747634.19 4352421.00	31.51579 (20012606)	747734.19 4352421.00	
61.84527 (17052506)			
747834.19 4352421.00	187.56180 (20060406)	747934.19 4352421.00	
223.06894 (18021203)			
748734.19 4352421.00	215.78916 (21020620)	748834.19 4352421.00	
96.82328 (19022103)			
748934.19 4352421.00	83.65158 (19012818)	749034.19 4352421.00	
72.72619 (20121223)			
749134.19 4352421.00	83.22084 (17021701)	749234.19 4352421.00	
87.94062 (17021701)			
749334.19 4352421.00	85.84682 (20012619)	749434.19 4352421.00	
142.50523 (20010318)			
749534.19 4352421.00	123.86751 (20120417)	749634.19 4352421.00	
111.15948 (18021518)			
747634.19 4352521.00	118.36607 (20060406)	747734.19 4352521.00	
148.60016 (18012620)			
747834.19 4352521.00	157.64685 (18021203)	747934.19 4352521.00	
219.00737 (17013019)			
748134.19 4352521.00	79.60730 (20010110)	748234.19 4352521.00	
135.29584 (17122410)			
748314.18 4352541.00	109.35518 (18020109)	748734.19 4352521.00	
240.79429 (18012709)			
748834.19 4352521.00	117.17581 (20012419)	748934.19 4352521.00	
73.00989 (19022103)			
▲ *** AERMOD - VERSION 22112 ***	*** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass		
Boiler C *** 02/08/23			
*** AERMET - VERSION 19191 ***	*** NCSD Biomass Boiler and Pipeline Construction HRA		
*** 10:45:52			

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE
GROUP: ON-SITE ***
INCLUDING SOURCE(S): L0000669 , L0000670 , L0000671 ,
L0000672 , L0000673 ,
L0000674 , L0000675 , L0000676 , L0000677 , L0000678 , L0000679 ,
L0000680 , L0000681 ,
L0000682 , L0000683 , L0000684 , L0000685 , L0000686 , L0000687 ,
L0000688 , L0000689 ,
L0000690 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

CONC	X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)
58.80452	749034.19 (20121223)	4352521.00	64.68742	(19012818)	749134.19	4352521.00
73.44070	749234.19 (17021701)	4352521.00	59.99001	(17021701)	749334.19	4352521.00
71.81738	749434.19 (20012619)	4352521.00	78.17834	(18120518)	749534.19	4352521.00
79.86426	749634.19 (18012620)	4352521.00	111.06693	(20010318)	747634.19	4352621.00
156.20625	747734.19 (17013019)	4352621.00	89.56887	(18013001)	747834.19	4352621.00
134.66439	748134.19 (18020209)	4352621.00	80.13259	(21121416)	748234.19	4352621.00
197.63349	748334.19 (19011509)	4352621.00	144.88154	(18020109)	748734.19	4352621.00
67.63791	748834.19 (19012120)	4352621.00	162.16643	(17122618)	748934.19	4352621.00
61.93573	749034.19 (18013001)	4352621.00	57.92021	(19022103)	747634.19	4352721.00
87.90210	747734.19 (17011209)	4352721.00	79.71549	(17021008)	747834.19	4352721.00
253.76358	747934.19 (21011508)	4352721.00	183.86419	(17122824)	748034.19	4352721.00
226.37323	748134.19 (18011509)	4352721.00	248.37539	(18062806)	748234.19	4352721.00
173.36241	748334.19 (18020104)	4352721.00	286.39882	(21122009)	748643.08	4352725.44
165.56578	748734.19 (18012709)	4352721.00	176.35000	(19011509)	748834.19	4352721.00
52.52906	748934.19 (18120322)	4352721.00	105.21844	(21020620)	749034.19	4352721.00
58.38389	747634.19 (17011209)	4352821.00	55.16104	(17021008)	747734.19	4352821.00
146.84492	747834.19 (18021205)	4352821.00	80.46569	(17122824)	747934.19	4352821.00
228.73486	748034.19 (21010609)	4352821.00	179.08372	(18011209)	748134.19	4352821.00
265.80097	748234.19 (21122009)	4352821.00	294.09256	(20123109)	748334.19	4352821.00
145.01845	748634.19 (19010801)	4352821.00	152.73788	(17021708)	748734.19	4352821.00

748834.19	4352821.00	137.27264	(20022620)	748934.19	4352821.00
125.32707	(18012709)				
749034.19	4352821.00	67.07217	(19020803)	747634.19	4352921.00
48.04755	(17011209)				
747734.19	4352921.00	55.91377	(17122824)	747834.19	4352921.00
97.67248	(18120617)				
747934.19	4352921.00	105.48077	(21011508)	748034.19	4352921.00
136.96495	(18011209)				
748134.19	4352921.00	148.53649	(21010609)	748234.19	4352921.00
172.39585	(18011509)				
748334.19	4352921.00	191.33881	(21122009)	748434.19	4352921.00
172.81167	(19120405)				
748534.19	4352921.00	143.19926	(18012809)	748634.19	4352921.00
131.70521	(20021908)				
748734.19	4352921.00	127.08028	(21120118)	748834.19	4352921.00
130.37485	(19011509)				
748934.19	4352921.00	122.68447	(18012709)	749034.19	4352921.00
90.08404	(17122618)				
747634.19	4353021.00	40.66017	(17011209)	747734.19	4353021.00
72.53442	(18120617)				
747834.19	4353021.00	96.51139	(18021205)	747934.19	4353021.00
98.54737	(17020805)				
748034.19	4353021.00	121.82466	(18011209)	748134.19	4353021.00
121.15476	(18011509)				
748234.19	4353021.00	119.89437	(20013109)	748334.19	4353021.00
121.90103	(18012908)				
748434.19	4353021.00	119.11167	(19120405)	748534.19	4353021.00
128.60141	(18012809)				
748634.19	4353021.00	115.67429	(20022123)	748734.19	4353021.00
112.85855	(18020104)				
748834.19	4353021.00	111.56788	(20012209)	748934.19	4353021.00
104.37723	(21120709)				
747634.19	4353121.00	51.08817	(18120617)	747734.19	4353121.00
79.47153	(18021205)				
747834.19	4353121.00	81.90477	(21011508)	747934.19	4353121.00
101.73403	(18011209)				
748034.19	4353121.00	109.53421	(21010609)	748134.19	4353121.00
114.83350	(18011509)				
748234.19	4353121.00	105.74854	(21122009)	748334.19	4353121.00
106.64078	(18012908)				
▲ *** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass					
Boiler C *** 02/08/23					
*** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler and Pipeline Construction HRA					
*** 10:45:52					

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

GROUP: ON-SITE ***

INCLUDING SOURCE(S): L0000669 , L0000670 , L0000671 ,

L0000672 , L0000673 ,

L0000674 , L0000675 , L0000676 , L0000677 , L0000678 , L0000679 ,

L0000680 , L0000681 ,

L0000682 , L0000683 , L0000684 , L0000685 , L0000686 , L0000687 ,

L0000688 , L0000689 ,

L0000690 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3

**

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

115.60856	748434.19 (18012809)	4353121.00	105.55531	(19120405)	748534.19	4353121.00
101.04994	748634.19 (20021824)	4353121.00	103.17061	(20021704)	748734.19	4353121.00
100.17033	748834.19 (19011509)	4353121.00	97.96630	(19012903)	748934.19	4353121.00
76.70623	747634.19 (18021205)	4353221.00	64.04403	(18120617)	747734.19	4353221.00
97.39095	747834.19 (18011209)	4353221.00	77.34781	(17020805)	747934.19	4353221.00
104.87158	748034.19 (18011509)	4353221.00	93.24441	(21010609)	748134.19	4353221.00
94.69168	748234.19 (18012908)	4353221.00	98.40028	(21122009)	748334.19	4353221.00
104.04268	748434.19 (18012809)	4353221.00	94.53326	(19120405)	748534.19	4353221.00
92.54173	748634.19 (17021708)	4353221.00	92.39319	(18021408)	748734.19	4353221.00
90.20710	748834.19 (19011509)	4353221.00	88.68762	(21120118)	748934.19	4353221.00
66.06496	747634.19 (21011508)	4353321.00	66.68792	(18021205)	747734.19	4353321.00
87.42879	747834.19 (21010609)	4353321.00	77.86774	(18011209)	747934.19	4353321.00
93.29192	748034.19 (18011509)	4353321.00	80.45354	(18120618)	748134.19	4353321.00
85.04784	748234.19 (17122909)	4353321.00	90.89293	(21122009)	748334.19	4353321.00
93.82700	748434.19 (18012809)	4353321.00	85.28695	(19120405)	748534.19	4353321.00
82.47119	748634.19 (21120702)	4353321.00	85.84479	(18021408)	748734.19	4353321.00
78.42269	748834.19 (18013119)	4353321.00	80.86913	(18020721)	748934.19	4353321.00
83.57690	748134.19 (21122009)	4353421.00	81.48444	(18011509)	748234.19	4353421.00
77.47058	748334.19 (19120405)	4353421.00	78.48919	(17122909)	748434.19	4353421.00
79.02245	748534.19 (18021408)	4353421.00	84.83266	(18012809)	748634.19	4353421.00
73.98603	748734.19 (18020104)	4353421.00	75.57888	(19120319)	748834.19	4353421.00
71.15014	748934.19 (20013109)	4353421.00	72.36857	(19012903)	748134.19	4353521.00
72.63708	748234.19 (17122909)	4353521.00	76.64586	(21122009)	748334.19	4353521.00
76.91768	748434.19 (18012809)	4353521.00	70.79069	(19120405)	748534.19	4353521.00
69.10457	748634.19 (20122319)	4353521.00	72.29241	(18021408)	748734.19	4353521.00
66.52044	748834.19 (18021608)	4353521.00	68.48420	(17021708)	748934.19	4353521.00
70.19476	748134.19 (21122009)	4353621.00	65.84991	(20013109)	748234.19	4353621.00
	748334.19	4353621.00	67.40614	(17122909)	748434.19	4353621.00

65.02717 (19120405)	748534.19 4353621.00	69.94504 (18012809)	748634.19 4353621.00
65.86936 (18021408)	748734.19 4353621.00	63.54383 (20122319)	748834.19 4353621.00
63.94480 (17021708)	748934.19 4353621.00	61.75368 (18020721)	748134.19 4353721.00
60.24948 (20013109)	748234.19 4353721.00	64.25807 (21122009)	748334.19 4353721.00
62.71912 (17122909)	748434.19 4353721.00	60.01199 (19120405)	748534.19 4353721.00
63.79012 (18012809)	748634.19 4353721.00	61.53741 (18012809)	748734.19 4353721.00
59.18647 (20021704)	748834.19 4353721.00	58.23818 (17021708)	748934.19 4353721.00
57.38726 (18020104)	748134.19 4353821.00	56.41539 (21122009)	748234.19 4353821.00
58.83447 (21122009)	748334.19 4353821.00	58.50782 (17122909)	748434.19 4353821.00
55.61642 (17013020)	748534.19 4353821.00	58.34304 (18012809)	748634.19 4353821.00
58.53421 (18012809)	748734.19 4353821.00	54.64189 (20021704)	748834.19 4353821.00
54.08329 (20012822)	748934.19 4353821.00	53.26082 (20021824)	748584.52 4352211.05

555.39905 (18012709)
 *** AERMOD - VERSION 22112 *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler and Pipeline Construction HRA
 *** 10:45:52

PAGE 41

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE
 GROUP: ON-SITE ***
 INCLUDING SOURCE(S): L0000669 , L0000670 , L0000671 ,
 L0000672 , L0000673 ,
 L0000674 , L0000675 , L0000676 , L0000677 , L0000678 , L0000679 ,
 L0000680 , L0000681 ,
 L0000682 , L0000683 , L0000684 , L0000685 , L0000686 , L0000687 ,
 L0000688 , L0000689 ,
 L0000690 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

CONC	X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)
523.43556 (18012709)	748617.59	4352190.26	280.11242	(20012419)	748591.14	4352250.73
440.08380 (18012709)	748669.56	4352215.77	208.11584	(19022103)	748616.64	4352277.19
346.63480 (18012709)	748690.34	4352249.78	182.88585	(19022103)	748642.16	4352387.73
222.37245 (20012619)	748768.76	4352459.53	177.50985	(21020620)	748812.23	4352155.30
	748804.67	4352253.56	136.50935	(20121223)	748392.72	4352234.67

254.97768 (18020109)			
748369.10 4352211.99	274.55554 (20120109)	748306.74	4352223.33
188.62800 (21121416)			
748795.22 4352195.93	205.54329 (17021701)	748287.59	4352207.74
191.61030 (20010110)			
748280.37 4352178.03	233.90045 (17120109)	748261.09	4352145.90
139.89625 (17120109)			
748232.18 4352102.53	227.20248 (19011410)	748241.81	4352072.82
210.98010 (19011410)			
748278.76 4352046.31	287.37157 (19011410)	748269.12	4352021.42
242.45629 (20121209)			
748281.17 4352000.53	248.35874 (20121209)	748278.76	4351958.77
286.36891 (18011610)			
748286.79 4351937.09	227.94804 (20121416)	748300.44	4351917.81
376.25667 (20121515)			
748500.42 4351912.19	1267.52796 (19011317)	748500.42	4351883.28
1121.96056 (21122118)			
748475.48 4351831.50	1000.35037 (21120918)	748469.81	4351799.37
845.13720 (18011523)			
748499.10 4351778.59	671.35474 (21120918)	748495.32	4351718.11
525.11020 (18011523)			
748507.61 4351744.57	555.66255 (19012917)	748541.62	4351865.51
760.49691 (20021118)			
748504.77 4351644.41	451.73742 (18012917)	748509.50	4351615.12
463.18003 (18012917)			
748318.63 4351677.48	190.39294 (20122916)	748457.53	4351557.49
346.27065 (21021002)			
748321.47 4351642.52	187.34032 (18122216)	748344.14	4351584.89
172.95936 (20010216)			
748347.92 4351551.82	168.14305 (18011316)	748108.92	4351572.77
77.51142 (19122315)			
748036.17 4351387.56	44.65628 (19011116)	748033.33	4351360.16
44.96669 (19011116)			
748055.06 4351291.18	37.75380 (17021122)	748064.51	4351268.50
42.32026 (18010716)			
748083.41 4351244.88	47.51081 (18010716)	748090.03	4351220.31
40.24768 (18010716)			
748307.36 4351257.50	86.65446 (18011316)	748368.87	4351208.17
116.75984 (18090807)			
748336.38 4351195.40	81.10224 (18090807)	748381.64	4351190.18
98.18761 (18090807)			
748421.68 4351187.28	82.07227 (18011109)	748464.62	4351182.06
67.13126 (21011116)			
748470.43 4351237.19	75.21600 (18120916)	748419.36	4351230.80
90.21037 (18011109)			
748380.48 4351293.48	147.55769 (18090807)	748365.39	4351278.39
147.27718 (18090807)			
748197.10 4351361.95	76.84457 (20122916)	748210.45	4351328.29
77.41144 (19010316)			
748216.83 4351289.41	74.94595 (19020109)	748203.25	4351380.93
81.67922 (20122916)			
748225.78 4351410.97	88.74945 (19010316)		

▲ *** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler and Pipeline Construction HRA
 *** 10:45:52

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

GROUP: OFF-SITE ***

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

INCLUDING SOURCE(S): L0000691 , L0000692 , L0000693 ,
 L0000694 , L0000695 ,
 L0000696 , L0000697 , L0000698 , L0000699 , L0000700 , L0000701 ,
 L0000702 , L0000703 ,
 L0000704 , L0000705 , L0000706 , L0000707 , L0000708 , L0000709 ,
 L0000710 , L0000711 ,
 L0000712 , L0000713 , L0000714 , L0000715 , L0000716 , L0000717 ,
 L0000718 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

CONC	X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)
11.34771	747334.19	4349821.00	7.47173	(20021110)	747434.19	4349821.00
12.18600	747534.19	4349821.00	13.35152	(20021110)	747634.19	4349821.00
5.95896	747734.19	4349821.00	8.92374	(20021110)	747834.19	4349821.00
11.03431	747934.19	4349821.00	5.62738	(21010916)	748034.19	4349821.00
30.24936	748134.19	4349821.00	24.58099	(18090807)	748234.19	4349821.00
12.01181	748334.19	4349821.00	22.73122	(18090807)	748434.19	4349821.00
9.43862	747334.19	4349921.00	6.06037	(20020111)	747434.19	4349921.00
12.75903	747534.19	4349921.00	12.61628	(20021110)	747634.19	4349921.00
7.04238	747734.19	4349921.00	9.96642	(20021110)	747834.19	4349921.00
9.61535	747934.19	4349921.00	6.84739	(21010916)	748034.19	4349921.00
31.18215	748134.19	4349921.00	23.89320	(18090807)	748234.19	4349921.00
12.66790	748334.19	4349921.00	23.89537	(18090807)	748434.19	4349921.00
7.19584	747334.19	4350021.00	6.53153	(19021209)	747434.19	4350021.00
12.75007	747534.19	4350021.00	11.11322	(20021110)	747634.19	4350021.00
7.24812	747734.19	4350021.00	10.47841	(20021110)	747834.19	4350021.00
8.15653	747934.19	4350021.00	7.77367	(21010916)	748034.19	4350021.00
32.07627	748134.19	4350021.00	22.98869	(18090807)	748234.19	4350021.00
13.34764	748334.19	4350021.00	25.14308	(18090807)	748434.19	4350021.00
6.50244	747334.19	4350121.00	7.99203	(19122315)	747434.19	4350121.00
11.97475	747534.19	4350121.00	8.99334	(20021110)	747634.19	4350121.00
	747734.19	4350121.00	11.14897	(20021110)	747834.19	4350121.00

**

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

34.82571	748134.19 (18090807)	4350421.00	17.02821	(18090807)	748234.19	4350421.00
19.15986	748334.19 (19011510)	4350421.00	31.71956	(18090807)	748434.19	4350421.00
13.95855	747334.19 (18112809)	4350521.00	12.85938	(18112809)	747434.19	4350521.00
9.57241	747534.19 (17030708)	4350521.00	11.15758	(18112809)	747634.19	4350521.00
9.67682	747734.19 (19012110)	4350521.00	9.20914	(18112809)	747834.19	4350521.00
10.19390	747934.19 (17020109)	4350521.00	10.09308	(19011411)	748034.19	4350521.00
35.39674	748134.19 (18090807)	4350521.00	15.04125	(18090807)	748234.19	4350521.00
21.88354	748334.19 (19011510)	4350521.00	34.34771	(18090807)	748434.19	4350521.00
13.75396	747334.19 (18112809)	4350621.00	9.29260	(18112809)	747434.19	4350621.00
11.87163	747534.19 (17030708)	4350621.00	15.06631	(18112809)	747634.19	4350621.00
11.35273	747734.19 (19012110)	4350621.00	10.23205	(18112809)	747834.19	4350621.00
11.09069	747934.19 (17020109)	4350621.00	10.70565	(19011411)	748034.19	4350621.00
36.23953	748134.19 (18090807)	4350621.00	12.95558	(18090807)	748234.19	4350621.00
24.22588	748334.19 (19011510)	4350621.00	37.99078	(18090807)	748434.19	4350621.00
10.64119	747334.19 (18021009)	4350721.00	9.84992	(20010111)	747434.19	4350721.00
16.76771	747534.19 (18112809)	4350721.00	15.08017	(18112809)	747634.19	4350721.00
11.29530	747734.19 (18112809)	4350721.00	13.25645	(17030708)	747834.19	4350721.00
12.74095	747934.19 (19011411)	4350721.00	12.82600	(19012110)	748034.19	4350721.00
37.63316	748134.19 (18090807)	4350721.00	14.56705	(21010916)	748234.19	4350721.00
27.04827	748334.19 (19011510)	4350721.00	42.65687	(18090807)	748434.19	4350721.00
10.31925	747334.19 (20010111)	4350821.00	9.08612	(17121510)	747434.19	4350821.00
17.10559	747534.19 (18112809)	4350821.00	11.51531	(18021009)	747634.19	4350821.00
14.72806	747734.19 (17030708)	4350821.00	19.09879	(18112809)	747834.19	4350821.00
14.71634	747934.19 (17122016)	4350821.00	15.09613	(19012110)	748034.19	4350821.00
39.98258	748134.19 (18090807)	4350821.00	17.87540	(17020109)	748234.19	4350821.00
38.76458	748334.19 (19062219)	4350821.00	49.58464	(18090807)	748434.19	4350821.00
9.88030	747334.19 (21111310)	4350921.00	8.85326	(17121510)	747434.19	4350921.00
	747534.19	4350921.00	10.71140	(21111310)	747634.19	4350921.00

12.90930 (20010111)	747734.19 4350921.00	19.80953 (18112809)	747834.19 4350921.00
21.84189 (18112809)	747934.19 4350921.00	17.36725 (19011116)	748034.19 4350921.00
18.77728 (19012110)	748134.19 4350921.00	26.58601 (17020109)	748234.19 4350921.00
44.17940 (18090807)	748334.19 4350921.00	65.51436 (18090807)	748434.19 4350921.00
76.15821 (19122509)	747334.19 4351021.00	6.90367 (17121510)	747434.19 4351021.00
8.55654 (21111310)	747534.19 4351021.00	11.27657 (21111310)	747634.19 4351021.00
12.58535 (21111310)	747734.19 4351021.00	15.36316 (20010111)	747834.19 4351021.00
23.56078 (18112809)	747934.19 4351021.00	25.91920 (18112809)	748034.19 4351021.00
26.59845 (19011116)	748334.19 4351021.00	82.45417 (18090807)	748434.19 4351021.00
117.67040 (19122509)	748534.19 4351021.00	179.08891 (18011421)	748634.19 4351021.00
181.86844 (18120716)	747334.19 4351121.00	7.67520 (17013110)	747434.19 4351121.00
6.62779 (17013110)	747534.19 4351121.00	8.21967 (21111310)	747634.19 4351121.00
11.25078 (21111310)			

*** AERMOD - VERSION 22112 *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
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 *** 10:45:52

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE
 GROUP: OFF-SITE ***
 INCLUDING SOURCE(S): L0000691 , L0000692 , L0000693 ,
 L0000694 , L0000695 , L0000696 , L0000697 , L0000698 , L0000699 , L0000700 , L0000701 ,
 L0000702 , L0000703 , L0000704 , L0000705 , L0000706 , L0000707 , L0000708 , L0000709 ,
 L0000710 , L0000711 , L0000712 , L0000713 , L0000714 , L0000715 , L0000716 , L0000717 ,
 L0000718 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

CONC	X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)
17.74116	747734.19	4351121.00	13.39594	(21111310)	747834.19	4351121.00
39.25515	747934.19	4351121.00	29.44288	(18112809)	748034.19	4351121.00
258.49124	748334.19	4351121.00	149.70930	(19073002)	748434.19	4351121.00
180.03222	748534.19	4351121.00	216.49565	(17022302)	748634.19	4351121.00

7.98367	747334.19 (17013110)	4351221.00	8.05023 (17013110)	747434.19	4351221.00
8.52488	747534.19 (17013110)	4351221.00	8.00115 (17013110)	747634.19	4351221.00
15.22451	747734.19 (19122314)	4351221.00	9.93455 (21111310)	747834.19	4351221.00
45.98418	747934.19 (18112809)	4351221.00	23.33068 (17121510)	748034.19	4351221.00
223.28687	748134.19 (18062506)	4351221.00	79.58288 (18062506)	748234.19	4351221.00
372.66890	748434.19 (17010106)	4351221.00	324.80403 (19120216)	748634.19	4351221.00
12.13082	747334.19 (18011610)	4351321.00	11.72640 (18011610)	747434.19	4351321.00
13.40774	747534.19 (18011610)	4351321.00	12.58519 (18011610)	747634.19	4351321.00
16.38308	747734.19 (18011610)	4351321.00	14.50510 (18011610)	747834.19	4351321.00
39.82063	747934.19 (18122105)	4351321.00	19.96622 (18011610)	748034.19	4351321.00
266.13741	748234.19 (18062806)	4351321.00	464.77528 (21120622)	748334.19	4351321.00
28.22074	748434.19 (18120616)	4351321.00	177.18372 (18120317)	746434.19	4351421.00
31.32418	746534.19 (20041805)	4351421.00	30.11734 (20041805)	746634.19	4351421.00
11.15461	747334.19 (20010911)	4351421.00	10.78287 (20010911)	747434.19	4351421.00
11.49000	747534.19 (20010911)	4351421.00	11.37455 (20010911)	747634.19	4351421.00
13.50398	747734.19 (19122311)	4351421.00	11.50979 (20010911)	747834.19	4351421.00
38.04828	747934.19 (20013120)	4351421.00	23.12466 (20121209)	748034.19	4351421.00
283.16333	748234.19 (17062624)	4351421.00	457.60439 (17122824)	748334.19	4351421.00
19.69756	746434.19 (18062506)	4351521.00	17.93421 (21012821)	746534.19	4351521.00
20.03240	746634.19 (18122105)	4351521.00	22.70656 (18120616)	747334.19	4351521.00
9.46594	747434.19 (18121605)	4351521.00	10.63348 (18120120)	747534.19	4351521.00
16.44530	747634.19 (20121209)	4351521.00	11.88909 (20121209)	747734.19	4351521.00
22.33139	747834.19 (19122313)	4351521.00	18.84093 (20121209)	747934.19	4351521.00
55.62104	748034.19 (19091007)	4351521.00	46.01857 (19011410)	748103.00	4351532.34
354.72267	748083.00 (18060706)	4351484.15	56.95709 (19011410)	748334.19	4351521.00
126.57005	748451.19 (20012517)	4351515.33	200.89896 (19120316)	748534.19	4351521.00
16.69587	748634.19 (21012821)	4351521.00	87.51350 (18020917)	746434.19	4351621.00
17.99552	746534.19 (21012821)	4351621.00	18.06037 (21012821)	746634.19	4351621.00
32.33724	747334.19 (20040522)	4351621.00	58.32947 (21120704)	747434.19	4351621.00
15.22187	747534.19 (20121209)	4351621.00	14.18309 (20121209)	747634.19	4351621.00
	747734.19	4351621.00	18.70030 (19122313)	747834.19	4351621.00

22.77573 (19011410)
 747934.19 4351621.00 35.12035 (19011410) 748034.19 4351621.00
 32.50404 (19011410)
 748073.71 4351672.02 52.98365 (17120109) 748234.19 4351621.00
 267.35187 (21122009)
 748334.19 4351621.00 239.85365 (21012309) 748534.19 4351621.00
 127.83292 (20012422)
 746434.19 4351721.00 13.67062 (21020822) 746534.19 4351721.00
 14.31600 (21020822)
 746634.19 4351721.00 14.89510 (21020822) 747334.19 4351721.00
 29.08836 (21120704)
 ▲ *** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler and Pipeline Construction HRA
 *** 10:45:52

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*** MODELOPTS: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE
 GROUP: OFF-SITE ***
 INCLUDING SOURCE(S): L0000691 , L0000692 , L0000693 ,
 L0000694 , L0000695 ,
 L0000696 , L0000697 , L0000698 , L0000699 , L0000700 , L0000701 ,
 L0000702 , L0000703 ,
 L0000704 , L0000705 , L0000706 , L0000707 , L0000708 , L0000709 ,
 L0000710 , L0000711 ,
 L0000712 , L0000713 , L0000714 , L0000715 , L0000716 , L0000717 ,
 L0000718 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

CONC	X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)
26.99397	747434.19	4351721.00	62.41157	(20102224)	747534.19	4351721.00
	(20102224)					
24.75106	747634.19	4351721.00	18.03373	(20012606)	747734.19	4351721.00
	(19011410)					
23.88883	747834.19	4351721.00	31.21489	(19011410)	747934.19	4351721.00
	(19011410)					
77.43907	748034.19	4351721.00	44.88625	(17120109)	748134.19	4351721.00
	(18013109)					
202.75397	748234.19	4351721.00	176.25265	(21122009)	748334.19	4351721.00
	(21012309)					
88.36948	748534.19	4351721.00	127.10531	(18052922)	748634.19	4351721.00
	(20012422)					
13.67940	746434.19	4351821.00	12.29899	(21120704)	746534.19	4351821.00
	(21120704)					
27.03855	746634.19	4351821.00	14.04517	(21120704)	747334.19	4351821.00
	(18120408)					
71.89141	747434.19	4351821.00	40.76574	(18120408)	747534.19	4351821.00
	(18120408)					
43.16283	747634.19	4351821.00	71.41418	(20060406)	747734.19	4351821.00
	(20060406)					
30.39443	747834.19	4351821.00	35.23086	(19091007)	747934.19	4351821.00
	(17120109)					

748034.19	4351821.00	54.20094	(17061706)	748134.19	4351821.00
82.28034	(18013109)				
748234.19	4351821.00	101.68855	(18061604)	748534.19	4351821.00
228.25057	(18012709)				
748634.19	4351821.00	77.45865	(20012419)	746434.19	4351921.00
12.45553	(21120704)				
746534.19	4351921.00	13.51624	(21120704)	746634.19	4351921.00
13.40440	(21120704)				
747334.19	4351921.00	32.36740	(18120408)	747434.19	4351921.00
40.59795	(18120408)				
747534.19	4351921.00	47.28369	(18120408)	747634.19	4351921.00
73.57943	(18012620)				
747734.19	4351921.00	47.82528	(19091007)	747834.19	4351921.00
25.05066	(19091007)				
747934.19	4351921.00	49.44515	(17061706)	748034.19	4351921.00
115.29204	(21011508)				
748134.19	4351921.00	145.83836	(20123109)	748234.19	4351921.00
162.85071	(21122009)				
748549.88	4351948.46	210.65619	(18012709)	749034.19	4351921.00
41.18565	(20012422)				
749134.19	4351921.00	38.78400	(19020808)	749234.19	4351921.00
37.22573	(19020808)				
749334.19	4351921.00	38.96100	(20120417)	749434.19	4351921.00
39.15155	(18010619)				
749534.19	4351921.00	31.70960	(19061421)	749634.19	4351921.00
38.60675	(17120817)				
746434.19	4352021.00	11.73423	(21120704)	746534.19	4352021.00
12.05558	(21120704)				
746634.19	4352021.00	11.98904	(21120704)	747334.19	4352021.00
32.24079	(18120408)				
747434.19	4352021.00	34.78971	(18120408)	747534.19	4352021.00
45.85461	(18012620)				
747634.19	4352021.00	69.94652	(18021203)	747734.19	4352021.00
38.49054	(19091007)				
747834.19	4352021.00	36.98748	(18040107)	747934.19	4352021.00
115.09108	(17122824)				
748034.19	4352021.00	134.88538	(18011209)	748134.19	4352021.00
136.06411	(18011509)				
748234.19	4352021.00	134.16319	(21122009)	749034.19	4352021.00
36.45300	(20012422)				
749134.19	4352021.00	36.67022	(20012422)	749234.19	4352021.00
36.34397	(20012422)				
749334.19	4352021.00	36.22440	(19020808)	749434.19	4352021.00
43.03957	(17121117)				
749534.19	4352021.00	40.02014	(18010619)	749634.19	4352021.00
32.45568	(20120417)				
746434.19	4352121.00	10.42843	(21120704)	746534.19	4352121.00
10.48774	(18120501)				
746634.19	4352121.00	11.23855	(18120501)	747334.19	4352121.00
27.79209	(18120408)				
747434.19	4352121.00	34.12482	(18012620)	747534.19	4352121.00
42.01766	(18012620)				
747634.19	4352121.00	52.13550	(18013001)	747734.19	4352121.00
71.39708	(17013019)				
747834.19	4352121.00	102.78354	(17122824)	747934.19	4352121.00
97.97969	(21011508)				
748034.19	4352121.00	121.32337	(18011209)	748134.19	4352121.00
124.28587	(18011509)				

*** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler and Pipeline Construction HRA

*** 10:45:52

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE
GROUP: OFF-SITE ***
INCLUDING SOURCE(S): L0000691 , L0000692 , L0000693 ,
L0000694 , L0000695 , L0000696 , L0000697 , L0000698 , L0000699 , L0000700 , L0000701 ,
L0000702 , L0000703 , L0000704 , L0000705 , L0000706 , L0000707 , L0000708 , L0000709 ,
L0000710 , L0000711 , L0000712 , L0000713 , L0000714 , L0000715 , L0000716 , L0000717 ,
L0000718 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3

**

CONC	X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)
55.03806	748234.19 (18012709)	4352121.00	127.86398	(21122009)	748834.19	4352121.00
31.83998	748934.19 (19012818)	4352121.00	38.40911	(18012709)	749034.19	4352121.00
31.68592	749134.19 (20012422)	4352121.00	30.93250	(20012422)	749234.19	4352121.00
36.53409	749334.19 (19020808)	4352121.00	32.80081	(20012422)	749434.19	4352121.00
28.94241	749534.19 (19020808)	4352121.00	37.52499	(19120817)	749634.19	4352121.00
10.53811	746434.19 (18120501)	4352221.00	10.12834	(18120501)	746534.19	4352221.00
28.88973	746634.19 (18012620)	4352221.00	12.00944	(18120408)	747334.19	4352221.00
39.24661	747434.19 (17021008)	4352221.00	33.25307	(18012620)	747534.19	4352221.00
57.95966	747634.19 (18120617)	4352221.00	42.58981	(17021008)	747734.19	4352221.00
82.81388	747834.19 (18011209)	4352221.00	80.49487	(18021205)	747934.19	4352221.00
108.12368	748034.19 (18011509)	4352221.00	97.72299	(18011209)	748134.19	4352221.00
106.00618	748234.19 (17122909)	4352221.00	120.09288	(21122009)	748334.19	4352221.00
117.18589	748634.19 (18012709)	4352221.00	153.76762	(19011509)	748734.19	4352221.00
43.22401	748834.19 (18012709)	4352221.00	70.80651	(18012709)	748934.19	4352221.00
28.27764	749034.19 (19012818)	4352221.00	31.33233	(21022819)	749134.19	4352221.00
30.21884	749234.19 (20012422)	4352221.00	27.37225	(20012422)	749334.19	4352221.00
33.46802	749434.19 (20012422)	4352221.00	32.68444	(20012422)	749534.19	4352221.00
38.35570	749634.19 (17021008)	4352221.00	27.76180	(17021701)	747534.19	4352321.00

747634.19	4352321.00	42.70403	(17122824)	747734.19	4352321.00
65.74407	(18021205)				
747834.19	4352321.00	68.19192	(21011508)	747934.19	4352321.00
77.88460	(18011209)				
748034.19	4352321.00	84.59957	(21010609)	748134.19	4352321.00
97.35032	(18011509)				
748234.19	4352321.00	104.88466	(21122009)	748316.40	4352317.66
94.37013	(18033107)				
748653.16	4352331.51	130.77330	(20012209)	748734.19	4352321.00
114.21135	(18012709)				
748834.19	4352321.00	86.20030	(18012709)	748934.19	4352321.00
52.69042	(18012709)				
749034.19	4352321.00	35.02748	(18012709)	749134.19	4352321.00
27.62151	(21022819)				
749234.19	4352321.00	26.12717	(19012818)	749334.19	4352321.00
25.24635	(17021502)				
749434.19	4352321.00	31.79595	(17121318)	749534.19	4352321.00
30.19494	(19120817)				
749634.19	4352321.00	26.11817	(20012422)	747534.19	4352421.00
50.30151	(18052323)				
747634.19	4352421.00	64.69776	(17122824)	747734.19	4352421.00
65.25297	(18021205)				
747834.19	4352421.00	62.46498	(21011508)	747934.19	4352421.00
73.69433	(18011209)				
748734.19	4352421.00	109.59898	(19011509)	748834.19	4352421.00
93.01477	(18012709)				
748934.19	4352421.00	64.49434	(18012709)	749034.19	4352421.00
41.21514	(18012709)				
749134.19	4352421.00	28.37120	(18012709)	749234.19	4352421.00
25.71320	(21022819)				
749334.19	4352421.00	24.48990	(19012818)	749434.19	4352421.00
28.76023	(17022319)				
749534.19	4352421.00	27.01908	(17022319)	749634.19	4352421.00
25.54157	(20012422)				
747634.19	4352521.00	49.32059	(18021205)	747734.19	4352521.00
50.92052	(21011508)				
747834.19	4352521.00	58.47456	(18011209)	747934.19	4352521.00
69.86644	(18011209)				
748134.19	4352521.00	96.02751	(21122009)	748234.19	4352521.00
89.74862	(21122009)				
748314.18	4352541.00	83.93371	(17122909)	748734.19	4352521.00
99.13853	(20012209)				
748834.19	4352521.00	87.13334	(18012709)	748934.19	4352521.00
73.61919	(18012709)				

*** AERMOD - VERSION 22112 *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
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 *** 10:45:52

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE
 GROUP: OFF-SITE ***
 INCLUDING SOURCE(S): L0000691 , L0000692 , L0000693 ,
 L0000694 , L0000695 , L0000696 , L0000697 , L0000698 , L0000699 , L0000700 , L0000701 ,
 L0000702 , L0000703 , L0000704 , L0000705 , L0000706 , L0000707 , L0000708 , L0000709 ,
 L0000710 , L0000711 , L0000712 , L0000713 , L0000714 , L0000715 , L0000716 , L0000717 ,

L0000718 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

CONC	X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)
33.18502	749034.19 (20012419)	4352521.00	49.69594	(18012709)	749134.19	4352521.00
23.57221	749234.19 (21022819)	4352521.00	24.36859	(19022103)	749334.19	4352521.00
22.31246	749434.19 (17021502)	4352521.00	23.57272	(19012818)	749534.19	4352521.00
45.11053	749634.19 (18021205)	4352521.00	24.92457	(17022319)	747634.19	4352621.00
59.62308	747734.19 (18011209)	4352621.00	49.25559	(21011508)	747834.19	4352621.00
88.35689	748134.19 (21122009)	4352621.00	83.21822	(20123109)	748234.19	4352621.00
86.99656	748334.19 (19011319)	4352621.00	84.71446	(17122909)	748734.19	4352621.00
75.62143	748834.19 (18012709)	4352621.00	84.14437	(19011509)	748934.19	4352621.00
42.42989	749034.19 (18021205)	4352621.00	58.10605	(18012709)	747634.19	4352721.00
58.52705	747734.19 (18011209)	4352721.00	47.26626	(21011508)	747834.19	4352721.00
70.77130	747934.19 (18011209)	4352721.00	63.36266	(18011209)	748034.19	4352721.00
88.59663	748134.19 (20123109)	4352721.00	80.88866	(20123109)	748234.19	4352721.00
84.85607	748334.19 (20021908)	4352721.00	104.55889	(21122009)	748643.08	4352725.44
78.62028	748734.19 (19011509)	4352721.00	79.86226	(21120118)	748834.19	4352721.00
63.20901	748934.19 (18012709)	4352721.00	69.39073	(18012709)	749034.19	4352721.00
48.08427	747634.19 (18011209)	4352821.00	41.90827	(21011508)	747734.19	4352821.00
58.95472	747834.19 (21010609)	4352821.00	55.54485	(18011209)	747934.19	4352821.00
79.01159	748034.19 (18011509)	4352821.00	66.03915	(18011509)	748134.19	4352821.00
89.39355	748234.19 (21122009)	4352821.00	87.85833	(21122009)	748334.19	4352821.00
73.32080	748634.19 (20021723)	4352821.00	77.85518	(20021908)	748734.19	4352821.00
67.62654	748834.19 (19011509)	4352821.00	69.81531	(20012209)	748934.19	4352821.00
40.94129	749034.19 (21011508)	4352821.00	62.83887	(18012709)	747634.19	4352921.00
53.26723	747734.19 (18011209)	4352921.00	48.72194	(18011209)	747834.19	4352921.00
61.77569	747934.19 (18011509)	4352921.00	55.06043	(21010609)	748034.19	4352921.00
75.60136	748134.19 (21122009)	4352921.00	67.92217	(18011509)	748234.19	4352921.00

77.11438	748334.19	4352921.00	77.88739	(17122909)	748434.19	4352921.00
	(19120405)					
69.91816	748534.19	4352921.00	77.23685	(18012809)	748634.19	4352921.00
	(20022123)					
64.16481	748734.19	4352921.00	67.82811	(17021708)	748834.19	4352921.00
	(19011319)					
57.01892	748934.19	4352921.00	64.66500	(19011509)	749034.19	4352921.00
	(18012709)					
48.30314	747634.19	4353021.00	39.92990	(17020805)	747734.19	4353021.00
	(18011209)					
51.65653	747834.19	4353021.00	50.66277	(21010609)	747934.19	4353021.00
	(21010609)					
59.05341	748034.19	4353021.00	59.74928	(18011509)	748134.19	4353021.00
	(18011509)					
64.82921	748234.19	4353021.00	66.30900	(21122009)	748334.19	4353021.00
	(17122909)					
71.39004	748434.19	4353021.00	64.62699	(20013108)	748534.19	4353021.00
	(18012809)					
63.22651	748634.19	4353021.00	64.09511	(18011219)	748734.19	4353021.00
	(17021708)					
58.83934	748834.19	4353021.00	59.76556	(21120118)	748934.19	4353021.00
	(20012209)					
47.14854	747634.19	4353121.00	41.34977	(18011209)	747734.19	4353121.00
	(18011209)					
50.07027	747834.19	4353121.00	48.86838	(21010609)	747934.19	4353121.00
	(18011509)					
55.95820	748034.19	4353121.00	57.07103	(18011509)	748134.19	4353121.00
	(21122009)					
60.14386	748234.19	4353121.00	61.23711	(21122009)	748334.19	4353121.00
	(17122909)					

*** AERMOD - VERSION 22112 *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler and Pipeline Construction HRA
 *** 10:45:52

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*** MODELOPTS: RegDFault CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE
 GROUP: OFF-SITE ***
 INCLUDING SOURCE(S): L0000691 , L0000692 , L0000693 ,
 L0000694 , L0000695 ,
 L0000696 , L0000697 , L0000698 , L0000699 , L0000700 , L0000701 ,
 L0000702 , L0000703 ,
 L0000704 , L0000705 , L0000706 , L0000707 , L0000708 , L0000709 ,
 L0000710 , L0000711 ,
 L0000712 , L0000713 , L0000714 , L0000715 , L0000716 , L0000717 ,
 L0000718 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M³

**

CONC	X-COORD (M) (YYMMDDHH)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)
66.09338	748434.19	4353121.00	59.53159	(20013108)	748534.19	4353121.00
	(18012809)					
	748634.19	4353121.00	60.37625	(18021408)	748734.19	4353121.00

58.39976 (20021908)	748834.19 4353121.00	55.74035 (18020104)	748934.19 4353121.00
53.43943 (17121418)	747634.19 4353221.00	41.89894 (18011209)	747734.19 4353221.00
45.35672 (18011209)	747834.19 4353221.00	46.43974 (21010609)	747934.19 4353221.00
49.58227 (18011509)	748034.19 4353221.00	53.75873 (18011509)	748134.19 4353221.00
53.85597 (21122009)	748234.19 4353221.00	56.43609 (21122009)	748334.19 4353221.00
56.10676 (17122909)	748434.19 4353221.00	55.12184 (20013108)	748534.19 4353221.00
61.26368 (18012809)	748634.19 4353221.00	56.72553 (18021408)	748734.19 4353221.00
54.67398 (20021908)	748834.19 4353221.00	52.37226 (20021824)	748934.19 4353221.00
50.17419 (21120118)	747634.19 4353321.00	41.60927 (18011209)	747734.19 4353321.00
43.21138 (21010609)	747834.19 4353321.00	43.31100 (21010609)	747934.19 4353321.00
48.58105 (18011509)	748034.19 4353321.00	49.95274 (18011509)	748134.19 4353321.00
51.57931 (21122009)	748234.19 4353321.00	51.95123 (21122009)	748334.19 4353321.00
52.45784 (17122909)	748434.19 4353321.00	51.31784 (19120405)	748534.19 4353321.00
56.86470 (18012809)	748634.19 4353321.00	52.99499 (18021408)	748734.19 4353321.00
50.49631 (20021908)	748834.19 4353321.00	49.50876 (17021708)	748934.19 4353321.00
47.25890 (21120118)	748134.19 4353421.00	49.19130 (21122009)	748234.19 4353421.00
47.80427 (21122009)	748334.19 4353421.00	49.15542 (17122909)	748434.19 4353421.00
47.95962 (19120405)	748534.19 4353421.00	52.85774 (18012809)	748634.19 4353421.00
49.31008 (18021408)	748734.19 4353421.00	46.99544 (20022123)	748834.19 4353421.00
46.58449 (17021708)	748934.19 4353421.00	44.50193 (18020721)	748134.19 4353521.00
46.74997 (21122009)	748234.19 4353521.00	43.99564 (21122009)	748334.19 4353521.00
46.16072 (17122909)	748434.19 4353521.00	44.96534 (19120405)	748534.19 4353521.00
49.20518 (18012809)	748634.19 4353521.00	45.75022 (18021408)	748734.19 4353521.00
44.13419 (20021704)	748834.19 4353521.00	43.33090 (21120702)	748934.19 4353521.00
42.17578 (18020104)	748134.19 4353621.00	44.30408 (21122009)	748234.19 4353621.00
41.26235 (18012908)	748334.19 4353621.00	43.43875 (17122909)	748434.19 4353621.00
42.27924 (19120405)	748534.19 4353621.00	45.87194 (18012809)	748634.19 4353621.00
43.71641 (18012809)	748734.19 4353621.00	41.39716 (20021704)	748834.19 4353621.00
41.31230 (20021908)	748934.19 4353621.00	40.07771 (20021824)	748134.19 4353721.00
41.89210 (21122009)	748234.19 4353721.00	38.79235 (18012908)	748334.19 4353721.00
40.95849 (17122909)			

128.77986 (21122009)			
748278.76 4352046.31	127.38922 (21122009)	748269.12	4352021.42
130.81394 (21122009)			
748281.17 4352000.53	132.42789 (21122009)	748278.76	4351958.77
140.67533 (21122009)			
748286.79 4351937.09	143.75083 (21122009)	748300.44	4351917.81
144.57335 (21122009)			
748500.42 4351912.19	275.47253 (19011509)	748500.42	4351883.28
278.85277 (19011509)			
748475.48 4351831.50	325.61474 (19011509)	748469.81	4351799.37
344.98486 (19011509)			
748499.10 4351778.59	289.54528 (18012709)	748495.32	4351718.11
238.63463 (20012419)			
748507.61 4351744.57	233.33012 (18012709)	748541.62	4351865.51
228.39881 (18012709)			
748504.77 4351644.41	147.13049 (17022319)	748509.50	4351615.12
143.15336 (20012422)			
748318.63 4351677.48	213.71093 (21012309)	748457.53	4351557.49
222.35008 (19120316)			
748321.47 4351642.52	230.56883 (21012309)	748344.14	4351584.89
267.91088 (21012309)			
748347.92 4351551.82	322.64635 (18060706)	748108.92	4351572.77
59.25657 (17120109)			
748036.17 4351387.56	41.12638 (19011407)	748033.33	4351360.16
43.16171 (17050206)			
748055.06 4351291.18	47.26103 (21020822)	748064.51	4351268.50
44.33435 (18112809)			
748083.41 4351244.88	64.59969 (18112809)	748090.03	4351220.31
64.51979 (18112809)			
748307.36 4351257.50	366.54741 (18020917)	748368.87	4351208.17
432.60076 (21012821)			
748336.38 4351195.40	361.56365 (18120516)	748381.64	4351190.18
362.97852 (18011709)			
748421.68 4351187.28	459.37053 (20120216)	748464.62	4351182.06
388.25038 (18010403)			
748470.43 4351237.19	242.49004 (18120317)	748419.36	4351230.80
336.48283 (21011717)			
748380.48 4351293.48	270.36395 (19052206)	748365.39	4351278.39
387.19225 (18062806)			
748197.10 4351361.95	309.21870 (18011522)	748210.45	4351328.29
382.76649 (20061206)			
748216.83 4351289.41	354.83578 (17071724)	748203.25	4351380.93
335.10800 (17011216)			
748225.78 4351410.97	430.18910 (18011522)		

▲ *** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler and Pipeline Construction HRA
 *** 10:45:52

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43824 HRS) RESULTS ***

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

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

TYPE GRID-ID

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ON-SITE 1ST HIGHEST VALUE IS 39.55321 AT ( 748591.14, 4352250.73, 1882.09, 2660.33,
0.00) DC
        2ND HIGHEST VALUE IS 38.40406 AT ( 748584.52, 4352211.05, 1884.96, 2660.33,
0.00) DC
        3RD HIGHEST VALUE IS 35.23835 AT ( 748500.42, 4351912.19, 1886.46, 2660.33,
0.00) DC
        4TH HIGHEST VALUE IS 30.20197 AT ( 748500.42, 4351883.28, 1887.73, 2660.33,
0.00) DC
        5TH HIGHEST VALUE IS 28.55290 AT ( 748642.16, 4352387.73, 1878.94, 2660.33,
0.00) DC
        6TH HIGHEST VALUE IS 28.42937 AT ( 748616.64, 4352277.19, 1878.57, 2660.33,
0.00) DC
        7TH HIGHEST VALUE IS 25.67785 AT ( 748475.48, 4351831.50, 1892.14, 2660.33,
0.00) DC
        8TH HIGHEST VALUE IS 24.00009 AT ( 748643.08, 4352725.44, 1860.25, 2660.33,
0.00) DC
        9TH HIGHEST VALUE IS 20.93013 AT ( 748634.19, 4352821.00, 1848.24, 2660.33,
0.00) DC
        10TH HIGHEST VALUE IS 20.34191 AT ( 748653.16, 4352331.51, 1874.49, 2660.33,
0.00) DC

OFF-SITE 1ST HIGHEST VALUE IS 102.63012 AT ( 748334.19, 4351521.00, 1929.57, 2624.25,
0.00) DC
        2ND HIGHEST VALUE IS 101.13598 AT ( 748365.39, 4351278.39, 1936.13, 2624.25,
0.00) DC
        3RD HIGHEST VALUE IS 91.01674 AT ( 748347.92, 4351551.82, 1927.59, 2624.25,
0.00) DC
        4TH HIGHEST VALUE IS 79.50278 AT ( 748380.48, 4351293.48, 1935.02, 2624.25,
0.00) DC
        5TH HIGHEST VALUE IS 72.64852 AT ( 748469.81, 4351799.37, 1894.44, 2660.33,
0.00) DC
        6TH HIGHEST VALUE IS 70.75399 AT ( 748344.14, 4351584.89, 1926.96, 2624.25,
0.00) DC
        7TH HIGHEST VALUE IS 68.92086 AT ( 748475.48, 4351831.50, 1892.14, 2660.33,
0.00) DC
        8TH HIGHEST VALUE IS 56.49243 AT ( 748434.19, 4351221.00, 1936.17, 2624.25,
0.00) DC
        9TH HIGHEST VALUE IS 55.45283 AT ( 748334.19, 4351621.00, 1926.73, 2624.25,
0.00) DC
        10TH HIGHEST VALUE IS 55.21120 AT ( 748419.36, 4351230.80, 1936.25, 2624.25,
0.00) DC
```

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

▲ *** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
Boiler C *** 02/08/23
*** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler and Pipeline Construction HRA
*** 10:45:52

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

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

** CONC OF PM₁₀ IN MICROGRAMS/M**3

**

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

ON-SITE HIGH	1ST HIGH VALUE IS	1267.52796	ON 19011317: AT (	748500.42, 4351912.19, 1886.46,
2660.33,	0.00) DC			
OFF-SITE HIGH	1ST HIGH VALUE IS	464.77528	ON 21120622: AT (	748234.19, 4351321.00, 1937.35,
2624.25,	0.00) DC			

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

*** AERMOD - VERSION 22112 *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
Boiler C *** 02/08/23
*** AERMET - VERSION 19191 *** NCSD Biomass Boiler and Pipeline Construction HRA
*** 10:45:52

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 1699 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 659 Calm Hours Identified

A Total of 1040 Missing Hours Identified (2.37 Percent)

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

***** WARNING MESSAGES *****
ME W186 535 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 535 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

```

** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 2/8/2023
** File: C:\Lakes\AERMOD View\NCSD Biomass Boiler Ops\NCSD Biomass Boiler Ops.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass Boiler C
  TITLETWO NCSD Biomass Boiler Operational HRA
  MODELOPT DFAULT CONC
  AVERTIME 1 PERIOD
  POLLUTID OTHER
  RUNORNOT RUN
  ERRORFIL "NCSD Biomass Boiler Ops.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION STCK1      POINT      748420.970   4351954.510       1894.320
** DESCRSRC Biomass Boiler
  LOCATION STCK2      POINT      748422.305   4351955.238       1894.110
** DESCRSRC Biomass Boiler
** Source Parameters **
  SRCPARAM STCK1      1.0      13.052   433.000       15      0.28
  SRCPARAM STCK2      1.0      13.052   433.000       15      0.28

** Building Downwash **
  BUILDHGT STCK1      12.31   12.31   12.31   12.31   12.31   12.31
  BUILDHGT STCK1      12.31   12.31   12.31   12.31   12.31   12.31
  BUILDHGT STCK1      12.31   12.31   12.31   12.31   12.31   12.31
  BUILDHGT STCK1      12.31   12.31   12.31   12.31   12.31   12.31
  BUILDHGT STCK1      12.31   12.31   12.31   12.31   12.31   12.31
  BUILDHGT STCK1      12.31   12.31   12.31   12.31   12.31   12.31

  BUILDHGT STCK2      12.31   12.31   12.31   12.31   12.31   12.31
  BUILDHGT STCK2      12.31   12.31   12.31   12.31   12.31   12.31
  BUILDHGT STCK2      12.31   12.31   12.31   12.31   12.31   12.31
  BUILDHGT STCK2      12.31   12.31   12.31   12.31   12.31   12.31
  BUILDHGT STCK2      12.31   12.31   12.31   12.31   12.31   12.31

  BUILDWID STCK1      23.53   24.94   25.59   25.46   24.56   22.92
  BUILDWID STCK1      23.70   25.16   25.85   25.76   24.88   23.25

```

BUILDWID	STCK1	20.91	17.94	14.42	15.30	18.64	21.41
BUILDWID	STCK1	23.53	24.94	25.59	25.46	24.56	22.92
BUILDWID	STCK1	23.70	25.16	25.85	25.76	24.88	23.25
BUILDWID	STCK1	20.91	17.94	14.42	15.30	18.64	21.41
BUILDWID	STCK2	23.53	24.94	25.59	25.46	24.56	22.92
BUILDWID	STCK2	23.70	25.16	25.85	25.76	24.88	23.25
BUILDWID	STCK2	20.91	17.94	14.42	15.30	18.64	21.41
BUILDWID	STCK2	23.53	24.94	25.59	25.46	24.56	22.92
BUILDWID	STCK2	23.70	25.16	25.85	25.76	24.88	23.25
BUILDWID	STCK2	20.91	17.94	14.42	15.30	18.64	21.41
BUILDLN	STCK1	25.76	24.88	23.25	20.91	17.94	14.42
BUILDLN	STCK1	15.30	18.64	21.41	23.53	24.94	25.59
BUILDLN	STCK1	25.46	24.56	22.92	23.70	25.16	25.85
BUILDLN	STCK1	25.76	24.88	23.25	20.91	17.94	14.42
BUILDLN	STCK1	15.30	18.64	21.41	23.53	24.94	25.59
BUILDLN	STCK1	25.46	24.56	22.92	23.70	25.16	25.85
BUILDLN	STCK2	25.76	24.88	23.25	20.91	17.94	14.42
BUILDLN	STCK2	15.30	18.64	21.41	23.53	24.94	25.59
BUILDLN	STCK2	25.46	24.56	22.92	23.70	25.16	25.85
BUILDLN	STCK2	25.76	24.88	23.25	20.91	17.94	14.42
BUILDLN	STCK2	15.30	18.64	21.41	23.53	24.94	25.59
BUILDLN	STCK2	25.46	24.56	22.92	23.70	25.16	25.85
XBADJ	STCK1	-18.81	-17.11	-14.89	-12.23	-9.19	-5.87
XBADJ	STCK1	-5.07	-5.29	-5.35	-5.25	-4.99	-4.57
XBADJ	STCK1	-4.02	-3.35	-2.57	-3.35	-4.71	-5.92
XBADJ	STCK1	-6.95	-7.77	-8.36	-8.69	-8.75	-8.55
XBADJ	STCK1	-10.23	-13.35	-16.06	-18.29	-19.95	-21.02
XBADJ	STCK1	-21.44	-21.22	-20.34	-20.35	-20.45	-19.93
XBADJ	STCK2	-19.76	-18.25	-16.20	-13.65	-10.68	-7.39
XBADJ	STCK2	-6.58	-6.74	-6.69	-6.44	-6.00	-5.37
XBADJ	STCK2	-4.58	-3.65	-2.61	-3.13	-4.22	-5.19
XBADJ	STCK2	-6.00	-6.63	-7.05	-7.27	-7.26	-7.03
XBADJ	STCK2	-8.72	-11.90	-14.72	-17.09	-18.95	-20.22
XBADJ	STCK2	-20.89	-20.91	-20.31	-20.57	-20.93	-20.66
YBADJ	STCK1	-6.52	-7.48	-8.22	-8.71	-8.93	-8.89
YBADJ	STCK1	-8.50	-7.87	-7.00	-5.93	-4.67	-3.27
YBADJ	STCK1	-1.77	-0.22	1.34	2.58	4.03	5.36
YBADJ	STCK1	6.52	7.48	8.22	8.71	8.93	8.89
YBADJ	STCK1	8.50	7.87	7.00	5.93	4.67	3.27
YBADJ	STCK1	1.77	0.22	-1.34	-2.58	-4.03	-5.36
YBADJ	STCK2	-5.33	-6.47	-7.43	-8.15	-8.63	-8.85
YBADJ	STCK2	-8.72	-8.36	-7.73	-6.88	-5.81	-4.57
YBADJ	STCK2	-3.19	-1.71	-0.18	1.07	2.58	4.02
YBADJ	STCK2	5.33	6.47	7.43	8.15	8.63	8.85
YBADJ	STCK2	8.72	8.36	7.73	6.88	5.81	4.57
YBADJ	STCK2	3.19	1.71	0.18	-1.07	-2.58	-4.02

SRCGROUP	STCK1	STCK1
SRCGROUP	STCK2	STCK2
SRCGROUP	ALL	

SO FINISHED

**

** AERMOD Receptor Pathway

**
**

RE STARTING
INCLUDED "NCSD Biomass Boiler Ops.rou"
RE FINISHED
**

** AERMOD Meteorology Pathway

**
**

ME STARTING
SURFFILE "Met Data\KTVL_2017-2021_ADJU.SFC"
PROFFILE "Met Data\KTVL_2017-2021_ADJU.PFL"
SURFDATA 93230 2017
UAIRDATA 23230 2017 OAKLAND/WSO_AP
PROFBASE 1924.5 METERS
ME FINISHED
**

** AERMOD Output Pathway

**
**

OU STARTING
RECTABLE ALLAVE 1ST
RECTABLE 1 1ST
** Auto-Generated Plotfiles
PLOTFILE 1 STCK1 1ST "NCSD BIOMASS BOILER OPS.AD\01H1G001.PLT" 31
PLOTFILE 1 STCK2 1ST "NCSD BIOMASS BOILER OPS.AD\01H1G002.PLT" 32
PLOTFILE 1 ALL 1ST "NCSD BIOMASS BOILER OPS.AD\01H1GALL.PLT" 33
PLOTFILE PERIOD STCK1 "NCSD BIOMASS BOILER OPS.AD\PE00G001.PLT" 34
PLOTFILE PERIOD STCK2 "NCSD BIOMASS BOILER OPS.AD\PE00G002.PLT" 35
PLOTFILE PERIOD ALL "NCSD BIOMASS BOILER OPS.AD\PE00GALL.PLT" 36
SUMMFILE "NCSD Biomass Boiler Ops.sum"
OU FINISHED

*** Message Summary For AERMOD Model Setup ***

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

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 0 Informational Message(s)

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

***** WARNING MESSAGES *****
ME W186 140 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 140 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

▲ *** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass

Boiler C *** 02/08/23
*** AERMET - VERSION 19191 *** *** NCSB Biomass Boiler Operational HRA
*** 12:47:22

PAGE 1
*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

** Model Options Selected:

- * Model Uses Regulatory DEFAULT Options
- * Model Is Setup For Calculation of Average CONCentration Values.
- * NO GAS DEPOSITION Data Provided.
- * NO PARTICLE DEPOSITION Data Provided.
- * Model Uses NO DRY DEPLETION. DDPLETE = F
- * Model Uses NO WET DEPLETION. WETDPLT = F
- * Stack-tip Downwash.
- * Model Accounts for ELEVated Terrain Effects.
- * Use Calms Processing Routine.
- * Use Missing Data Processing Routine.
- * No Exponential Decay.
- * Model Uses RURAL Dispersion Only.
- * ADJ_U* - Use ADJ_U* option for SBL in AERMET
- * CCVR_Sub - Meteorological data includes CCVR substitutions
- * TEMP_Sub - Meteorological data includes TEMP substitutions
- * Model Assumes No FLAGPOLE Receptor Heights.
- * The User Specified a Pollutant Type of: OTHER

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

**This Run Includes: 2 Source(s); 3 Source Group(s); and 630 Receptor(s)

with: 2 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 0 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)
and: 0 SWPOINT source(s)

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

**The AERMET Input Meteorological Data Version Date: 19191

**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)
Model Outputs Separate Summary File of High Ranked Values (SUMMFILE 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) = 1924.50 ; 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 = 3.6 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: NCSD Biomass Boiler Ops.err

**File for Summary of Results: NCSD Biomass Boiler Ops.sum

▲ *** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
Boiler C *** 02/08/23
*** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler Operational HRA
*** 12:47:22

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** POINT SOURCE DATA ***

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

STCK1		0	0.10000E+01	748421.0	4351954.5	1894.3	13.05	433.00	15.00	0.28
YES	NO	NO								
STCK2		0	0.10000E+01	748422.3	4351955.2	1894.1	13.05	433.00	15.00	0.28
YES	NO	NO								

▲ *** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
Boiler C *** 02/08/23
*** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler Operational HRA
*** 12:47:22

PAGE 3

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
-------------	------------

STCK1 STCK1 ,

STCK2 STCK2 ,

ALL STCK1 , STCK2 ,

▲ *** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass

Boiler C *** 02/08/23
*** AERMET - VERSION 19191 *** *** NCSB Biomass Boiler Operational HRA
*** 12:47:22

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK1

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.3,	23.5,	25.8,	-18.8,	-6.5,	2	12.3,	24.9,	24.9,	-17.1,	-7.5,
3	12.3,	25.6,	23.2,	-14.9,	-8.2,	4	12.3,	25.5,	20.9,	-12.2,	-8.7,
5	12.3,	24.6,	17.9,	-9.2,	-8.9,	6	12.3,	22.9,	14.4,	-5.9,	-8.9,
7	12.3,	23.7,	15.3,	-5.1,	-8.5,	8	12.3,	25.2,	18.6,	-5.3,	-7.9,
9	12.3,	25.9,	21.4,	-5.3,	-7.0,	10	12.3,	25.8,	23.5,	-5.2,	-5.9,
11	12.3,	24.9,	24.9,	-5.0,	-4.7,	12	12.3,	23.2,	25.6,	-4.6,	-3.3,
13	12.3,	20.9,	25.5,	-4.0,	-1.8,	14	12.3,	17.9,	24.6,	-3.3,	-0.2,
15	12.3,	14.4,	22.9,	-2.6,	1.3,	16	12.3,	15.3,	23.7,	-3.3,	2.6,
17	12.3,	18.6,	25.2,	-4.7,	4.0,	18	12.3,	21.4,	25.9,	-5.9,	5.4,
19	12.3,	23.5,	25.8,	-7.0,	6.5,	20	12.3,	24.9,	24.9,	-7.8,	7.5,
21	12.3,	25.6,	23.2,	-8.4,	8.2,	22	12.3,	25.5,	20.9,	-8.7,	8.7,
23	12.3,	24.6,	17.9,	-8.8,	8.9,	24	12.3,	22.9,	14.4,	-8.6,	8.9,
25	12.3,	23.7,	15.3,	-10.2,	8.5,	26	12.3,	25.2,	18.6,	-13.4,	7.9,
27	12.3,	25.9,	21.4,	-16.1,	7.0,	28	12.3,	25.8,	23.5,	-18.3,	5.9,
29	12.3,	24.9,	24.9,	-19.9,	4.7,	30	12.3,	23.2,	25.6,	-21.0,	3.3,
31	12.3,	20.9,	25.5,	-21.4,	1.8,	32	12.3,	17.9,	24.6,	-21.2,	0.2,
33	12.3,	14.4,	22.9,	-20.3,	-1.3,	34	12.3,	15.3,	23.7,	-20.4,	-2.6,
35	12.3,	18.6,	25.2,	-20.4,	-4.0,	36	12.3,	21.4,	25.9,	-19.9,	-5.4,

SOURCE ID: STCK2

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	12.3,	23.5,	25.8,	-19.8,	-5.3,	2	12.3,	24.9,	24.9,	-18.2,	-6.5,
3	12.3,	25.6,	23.2,	-16.2,	-7.4,	4	12.3,	25.5,	20.9,	-13.7,	-8.2,
5	12.3,	24.6,	17.9,	-10.7,	-8.6,	6	12.3,	22.9,	14.4,	-7.4,	-8.9,
7	12.3,	23.7,	15.3,	-6.6,	-8.7,	8	12.3,	25.2,	18.6,	-6.7,	-8.4,
9	12.3,	25.9,	21.4,	-6.7,	-7.7,	10	12.3,	25.8,	23.5,	-6.4,	-6.9,
11	12.3,	24.9,	24.9,	-6.0,	-5.8,	12	12.3,	23.2,	25.6,	-5.4,	-4.6,
13	12.3,	20.9,	25.5,	-4.6,	-3.2,	14	12.3,	17.9,	24.6,	-3.6,	-1.7,
15	12.3,	14.4,	22.9,	-2.6,	-0.2,	16	12.3,	15.3,	23.7,	-3.1,	1.1,
17	12.3,	18.6,	25.2,	-4.2,	2.6,	18	12.3,	21.4,	25.9,	-5.2,	4.0,
19	12.3,	23.5,	25.8,	-6.0,	5.3,	20	12.3,	24.9,	24.9,	-6.6,	6.5,
21	12.3,	25.6,	23.2,	-7.0,	7.4,	22	12.3,	25.5,	20.9,	-7.3,	8.2,
23	12.3,	24.6,	17.9,	-7.3,	8.6,	24	12.3,	22.9,	14.4,	-7.0,	8.9,
25	12.3,	23.7,	15.3,	-8.7,	8.7,	26	12.3,	25.2,	18.6,	-11.9,	8.4,
27	12.3,	25.9,	21.4,	-14.7,	7.7,	28	12.3,	25.8,	23.5,	-17.1,	6.9,
29	12.3,	24.9,	24.9,	-18.9,	5.8,	30	12.3,	23.2,	25.6,	-20.2,	4.6,
31	12.3,	20.9,	25.5,	-20.9,	3.2,	32	12.3,	17.9,	24.6,	-20.9,	1.7,
33	12.3,	14.4,	22.9,	-20.3,	0.2,	34	12.3,	15.3,	23.7,	-20.6,	-1.1,
35	12.3,	18.6,	25.2,	-20.9,	-2.6,	36	12.3,	21.4,	25.9,	-20.7,	-4.0,

▲ *** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSB Biomass Boiler Const\NCSB Biomass
Boiler C *** 02/08/23
*** AERMET - VERSION 19191 *** *** NCSB Biomass Boiler Operational HRA
*** 12:47:22

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

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2112.0, 2624.2, 0.0);	
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(748134.2, 4349821.0, 2112.3, 2624.2, 0.0);	(748234.2, 4349821.0,
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(748334.2, 4349821.0, 2131.8, 2624.2, 0.0);	(748434.2, 4349821.0,
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^ *** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
Boiler C *** 02/08/23
*** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler Operational HRA
*** 12:47:22

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

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

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▲ *** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSDBiomassBoilerConst\NCSDBiomass
Boiler C *** 02/08/23
*** AERMET - VERSION 19191 *** *** NCSDBiomassBoilerOperationalHRA
*** 12:47:22

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

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1891.1, 2624.2, 0.0);
( 746634.2, 4351821.0, 1878.5, 2624.2, 0.0); ( 747334.2, 4351821.0,
1915.1, 2624.2, 0.0);
( 747434.2, 4351821.0, 1929.2, 2624.2, 0.0); ( 747534.2, 4351821.0,
1942.4, 2624.2, 0.0);
( 747634.2, 4351821.0, 1955.2, 2624.2, 0.0); ( 747734.2, 4351821.0,
1966.6, 2624.2, 0.0);
( 747834.2, 4351821.0, 1976.8, 2624.2, 0.0); ( 747934.2, 4351821.0,
1980.6, 2624.2, 0.0);
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( 748234.2, 4351821.0, 1952.5, 2624.2, 0.0); ( 748534.2, 4351821.0,
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( 748634.2, 4351821.0, 1879.2, 2660.3, 0.0); ( 746434.2, 4351921.0,
1873.0, 2624.2, 0.0);
( 746534.2, 4351921.0, 1880.6, 2624.2, 0.0); ( 746634.2, 4351921.0,
1864.2, 2624.2, 0.0);
^ *** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
Boiler C *** 02/08/23
*** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler Operational HRA
*** 12:47:22

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

(747334.2, 4351921.0, 1896.6, 2624.2, 0.0);	(747434.2, 4351921.0,
1909.8, 2624.2, 0.0);	
(747534.2, 4351921.0, 1929.1, 2624.2, 0.0);	(747634.2, 4351921.0,
1951.5, 2624.2, 0.0);	
(747734.2, 4351921.0, 1969.3, 2624.2, 0.0);	(747834.2, 4351921.0,
1978.1, 2624.2, 0.0);	
(747934.2, 4351921.0, 1964.8, 2624.2, 0.0);	(748034.2, 4351921.0,
1950.6, 2624.2, 0.0);	
(748134.2, 4351921.0, 1946.6, 2624.2, 0.0);	(748234.2, 4351921.0,
1934.3, 2624.2, 0.0);	
(748549.9, 4351948.5, 1879.4, 2660.3, 0.0);	(749034.2, 4351921.0,
1880.8, 2660.3, 0.0);	
(749134.2, 4351921.0, 1894.4, 2660.3, 0.0);	(749234.2, 4351921.0,
1909.0, 2660.3, 0.0);	
(749334.2, 4351921.0, 1930.1, 2660.3, 0.0);	(749434.2, 4351921.0,
1954.0, 2660.3, 0.0);	
(749534.2, 4351921.0, 1961.7, 2660.3, 0.0);	(749634.2, 4351921.0,
1943.2, 2660.3, 0.0);	
(746434.2, 4352021.0, 1861.6, 2624.2, 0.0);	(746534.2, 4352021.0,
1861.1, 2624.2, 0.0);	
(746634.2, 4352021.0, 1850.3, 2624.2, 0.0);	(747334.2, 4352021.0,
1885.2, 2624.2, 0.0);	
(747434.2, 4352021.0, 1901.4, 2624.2, 0.0);	(747534.2, 4352021.0,
1928.5, 2624.2, 0.0);	
(747634.2, 4352021.0, 1954.5, 2624.2, 0.0);	(747734.2, 4352021.0,
1969.9, 2624.2, 0.0);	
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1948.8, 2624.2, 0.0);	
(748034.2, 4352021.0, 1941.1, 2624.2, 0.0);	(748134.2, 4352021.0,
1935.7, 2624.2, 0.0);	
(748234.2, 4352021.0, 1929.1, 2624.2, 0.0);	(749034.2, 4352021.0,
1872.9, 2660.3, 0.0);	
(749134.2, 4352021.0, 1886.1, 2660.3, 0.0);	(749234.2, 4352021.0,
1902.0, 2660.3, 0.0);	
(749334.2, 4352021.0, 1920.5, 2660.3, 0.0);	(749434.2, 4352021.0,
1945.1, 2660.3, 0.0);	
(749534.2, 4352021.0, 1949.3, 2660.3, 0.0);	(749634.2, 4352021.0,
1933.1, 2660.3, 0.0);	
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1840.2, 2624.2, 0.0);	
(746634.2, 4352121.0, 1832.4, 2624.2, 0.0);	(747334.2, 4352121.0,
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1918.9, 2624.2, 0.0);	
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1946.7, 2624.2, 0.0);	
(747834.2, 4352121.0, 1945.3, 2624.2, 0.0);	(747934.2, 4352121.0,
1936.6, 2624.2, 0.0);	
(748034.2, 4352121.0, 1934.2, 2624.2, 0.0);	(748134.2, 4352121.0,
1933.8, 2624.2, 0.0);	
(748234.2, 4352121.0, 1932.8, 2624.2, 0.0);	(748834.2, 4352121.0,
1866.9, 2660.3, 0.0);	
(748934.2, 4352121.0, 1865.8, 2660.3, 0.0);	(749034.2, 4352121.0,
1864.3, 2660.3, 0.0);	
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1881.1, 2660.3, 0.0);	

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( 749334.2, 4352121.0, 1898.7, 2660.3, 0.0); ( 749434.2, 4352121.0,
1927.5, 2660.3, 0.0);
( 749534.2, 4352121.0, 1940.7, 2660.3, 0.0); ( 749634.2, 4352121.0,
1919.8, 2660.3, 0.0);
( 746434.2, 4352221.0, 1842.2, 2624.2, 0.0); ( 746534.2, 4352221.0,
1832.5, 2624.2, 0.0);
( 746634.2, 4352221.0, 1822.7, 2624.2, 0.0); ( 747334.2, 4352221.0,
1879.2, 2624.2, 0.0);
( 747434.2, 4352221.0, 1897.7, 2624.2, 0.0); ( 747534.2, 4352221.0,
1916.0, 2624.2, 0.0);
( 747634.2, 4352221.0, 1928.2, 2624.2, 0.0); ( 747734.2, 4352221.0,
1934.0, 2624.2, 0.0);
( 747834.2, 4352221.0, 1930.7, 2624.2, 0.0); ( 747934.2, 4352221.0,
1924.0, 2624.2, 0.0);
( 748034.2, 4352221.0, 1924.3, 2624.2, 0.0); ( 748134.2, 4352221.0,
1928.6, 2624.2, 0.0);
( 748234.2, 4352221.0, 1936.0, 2624.2, 0.0); ( 748334.2, 4352221.0,
1931.4, 2624.2, 0.0);
( 748634.2, 4352221.0, 1874.9, 2660.3, 0.0); ( 748734.2, 4352221.0,
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( 748834.2, 4352221.0, 1858.9, 2660.3, 0.0); ( 748934.2, 4352221.0,
1860.0, 2660.3, 0.0);
( 749034.2, 4352221.0, 1856.9, 2660.3, 0.0); ( 749134.2, 4352221.0,
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( 749234.2, 4352221.0, 1876.7, 2660.3, 0.0); ( 749334.2, 4352221.0,
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( 749434.2, 4352221.0, 1916.2, 2660.3, 0.0); ( 749534.2, 4352221.0,
1924.7, 2660.3, 0.0);
( 749634.2, 4352221.0, 1912.1, 2660.3, 0.0); ( 747534.2, 4352321.0,
1929.5, 2624.2, 0.0);
( 747634.2, 4352321.0, 1935.9, 2624.2, 0.0); ( 747734.2, 4352321.0,
1932.5, 2624.2, 0.0);
( 747834.2, 4352321.0, 1920.2, 2624.2, 0.0); ( 747934.2, 4352321.0,
1914.9, 2624.2, 0.0);
▲ *** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
Boiler C *** 02/08/23
*** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler Operational HRA
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

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

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( 748034.2, 4352321.0, 1917.3, 2624.2, 0.0); ( 748134.2, 4352321.0,
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1945.3, 2624.2, 0.0);
( 748653.2, 4352331.5, 1874.5, 2660.3, 0.0); ( 748734.2, 4352321.0,
1861.0, 2660.3, 0.0);
( 748834.2, 4352321.0, 1850.8, 2660.3, 0.0); ( 748934.2, 4352321.0,
1854.5, 2660.3, 0.0);
( 749034.2, 4352321.0, 1850.8, 2822.7, 0.0); ( 749134.2, 4352321.0,
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( 749634.2, 4352321.0, 1902.8, 2823.2, 0.0); ( 747534.2, 4352421.0,

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1928.9,	2624.2,	0.0);			
(747834.2, 4352421.0,	1912.4,	2624.2,	0.0);	(747934.2, 4352421.0,	
1909.3,	2624.2,	0.0);			
(748734.2, 4352421.0,	1858.4,	2660.3,	0.0);	(748834.2, 4352421.0,	
1848.7,	2660.3,	0.0);			
(748934.2, 4352421.0,	1846.9,	2660.3,	0.0);	(749034.2, 4352421.0,	
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(749134.2, 4352421.0,	1853.8,	2823.2,	0.0);	(749234.2, 4352421.0,	
1870.5,	2822.7,	0.0);			
(749334.2, 4352421.0,	1879.4,	2822.7,	0.0);	(749434.2, 4352421.0,	
1904.2,	2660.3,	0.0);			
(749534.2, 4352421.0,	1903.1,	2660.3,	0.0);	(749634.2, 4352421.0,	
1902.9,	2823.2,	0.0);			
(747634.2, 4352521.0,	1917.0,	2624.2,	0.0);	(747734.2, 4352521.0,	
1903.2,	2624.2,	0.0);			
(747834.2, 4352521.0,	1900.3,	2624.2,	0.0);	(747934.2, 4352521.0,	
1907.8,	2624.2,	0.0);			
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1939.5,	2624.2,	0.0);			
(748314.2, 4352541.0,	1933.2,	2624.2,	0.0);	(748734.2, 4352521.0,	
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(748834.2, 4352521.0,	1845.5,	2660.3,	0.0);	(748934.2, 4352521.0,	
1837.6,	2823.2,	0.0);			
(749034.2, 4352521.0,	1841.2,	2823.2,	0.0);	(749134.2, 4352521.0,	
1846.9,	2823.2,	0.0);			
(749234.2, 4352521.0,	1856.8,	2823.2,	0.0);	(749334.2, 4352521.0,	
1872.8,	2823.2,	0.0);			
(749434.2, 4352521.0,	1890.3,	2822.7,	0.0);	(749534.2, 4352521.0,	
1893.9,	2823.2,	0.0);			
(749634.2, 4352521.0,	1903.3,	2823.2,	0.0);	(747634.2, 4352621.0,	
1885.7,	2624.2,	0.0);			
(747734.2, 4352621.0,	1885.5,	2624.2,	0.0);	(747834.2, 4352621.0,	
1901.3,	2624.2,	0.0);			
(748134.2, 4352621.0,	1929.4,	2624.2,	0.0);	(748234.2, 4352621.0,	
1928.1,	2624.2,	0.0);			
(748334.2, 4352621.0,	1924.6,	2624.2,	0.0);	(748734.2, 4352621.0,	
1850.7,	2660.3,	0.0);			
(748834.2, 4352621.0,	1841.3,	2660.3,	0.0);	(748934.2, 4352621.0,	
1830.9,	2823.2,	0.0);			
(749034.2, 4352621.0,	1835.1,	2823.2,	0.0);	(747634.2, 4352721.0,	
1859.5,	2624.2,	0.0);			
(747734.2, 4352721.0,	1880.2,	2624.2,	0.0);	(747834.2, 4352721.0,	
1893.5,	2624.2,	0.0);			
(747934.2, 4352721.0,	1900.4,	2624.2,	0.0);	(748034.2, 4352721.0,	
1905.4,	2624.2,	0.0);			
(748134.2, 4352721.0,	1910.4,	2624.2,	0.0);	(748234.2, 4352721.0,	
1911.7,	2624.2,	0.0);			
(748334.2, 4352721.0,	1909.1,	2624.2,	0.0);	(748643.1, 4352725.4,	
1860.2,	2660.3,	0.0);			
(748734.2, 4352721.0,	1847.0,	2660.3,	0.0);	(748834.2, 4352721.0,	
1836.0,	2660.3,	0.0);			
(748934.2, 4352721.0,	1826.0,	2823.2,	0.0);	(749034.2, 4352721.0,	
1838.3,	2823.2,	0.0);			
(747634.2, 4352821.0,	1844.5,	2624.2,	0.0);	(747734.2, 4352821.0,	
1852.9,	2624.2,	0.0);			
(747834.2, 4352821.0,	1867.3,	2624.2,	0.0);	(747934.2, 4352821.0,	
1883.3,	2624.2,	0.0);			
(748034.2, 4352821.0,	1893.7,	2624.2,	0.0);	(748134.2, 4352821.0,	
1897.2,	2624.2,	0.0);			

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( 748234.2, 4352821.0, 1900.7, 2624.2, 0.0); ( 748334.2, 4352821.0,
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( 748634.2, 4352821.0, 1848.2, 2660.3, 0.0); ( 748734.2, 4352821.0,
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( 748834.2, 4352821.0, 1830.8, 2660.3, 0.0); ( 748934.2, 4352821.0,
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( 747934.2, 4352921.0, 1847.9, 2660.3, 0.0); ( 748034.2, 4352921.0,
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( 748134.2, 4352921.0, 1881.4, 2660.3, 0.0); ( 748234.2, 4352921.0,
1885.8, 2660.3, 0.0);
*** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
Boiler C *** 02/08/23
*** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler Operational HRA
*** 12:47:22

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

```

( 748334.2, 4352921.0, 1896.1, 2660.3, 0.0); ( 748434.2, 4352921.0,
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( 748734.2, 4352921.0, 1822.5, 2660.3, 0.0); ( 748834.2, 4352921.0,
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( 748934.2, 4352921.0, 1818.8, 2823.2, 0.0); ( 749034.2, 4352921.0,
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( 747634.2, 4353021.0, 1816.2, 2660.3, 0.0); ( 747734.2, 4353021.0,
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( 747834.2, 4353021.0, 1826.0, 2660.3, 0.0); ( 747934.2, 4353021.0,
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( 748034.2, 4353021.0, 1845.6, 2660.3, 0.0); ( 748134.2, 4353021.0,
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( 748234.2, 4353021.0, 1856.2, 2660.3, 0.0); ( 748334.2, 4353021.0,
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( 748434.2, 4353021.0, 1857.6, 2660.3, 0.0); ( 748534.2, 4353021.0,
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( 748634.2, 4353021.0, 1816.2, 2660.3, 0.0); ( 748734.2, 4353021.0,
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( 748834.2, 4353021.0, 1812.2, 2823.2, 0.0); ( 748934.2, 4353021.0,
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( 747834.2, 4353121.0, 1808.5, 2660.3, 0.0); ( 747934.2, 4353121.0,
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( 748434.2, 4353121.0, 1829.0, 2660.3, 0.0); ( 748534.2, 4353121.0,
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( 748634.2, 4353121.0, 1806.6, 2660.3, 0.0); ( 748734.2, 4353121.0,
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1801.0,	2660.3,	0.0);				
(747834.2,	4353221.0,	1798.5,	2660.3,	0.0);	(747934.2,	4353221.0,
1801.5,	2660.3,	0.0);				
(748034.2,	4353221.0,	1808.8,	2660.3,	0.0);	(748134.2,	4353221.0,
1820.4,	2660.3,	0.0);				
(748234.2,	4353221.0,	1819.5,	2660.3,	0.0);	(748334.2,	4353221.0,
1812.4,	2660.3,	0.0);				
(748434.2,	4353221.0,	1808.5,	2660.3,	0.0);	(748534.2,	4353221.0,
1803.3,	2660.3,	0.0);				
(748634.2,	4353221.0,	1800.8,	2823.2,	0.0);	(748734.2,	4353221.0,
1801.3,	2823.2,	0.0);				
(748834.2,	4353221.0,	1809.0,	2823.2,	0.0);	(748934.2,	4353221.0,
1823.0,	2823.2,	0.0);				
(747634.2,	4353321.0,	1791.0,	2660.3,	0.0);	(747734.2,	4353321.0,
1790.3,	2660.3,	0.0);				
(747834.2,	4353321.0,	1791.8,	2660.3,	0.0);	(747934.2,	4353321.0,
1793.7,	2660.3,	0.0);				
(748034.2,	4353321.0,	1792.6,	2660.3,	0.0);	(748134.2,	4353321.0,
1796.1,	2660.3,	0.0);				
(748234.2,	4353321.0,	1798.5,	2660.3,	0.0);	(748334.2,	4353321.0,
1800.2,	2660.3,	0.0);				
(748434.2,	4353321.0,	1797.7,	2660.3,	0.0);	(748534.2,	4353321.0,
1796.1,	2660.3,	0.0);				
(748634.2,	4353321.0,	1796.5,	2823.2,	0.0);	(748734.2,	4353321.0,
1797.0,	2823.2,	0.0);				
(748834.2,	4353321.0,	1809.5,	2823.2,	0.0);	(748934.2,	4353321.0,
1829.3,	2823.2,	0.0);				
(748134.2,	4353421.0,	1789.4,	2660.3,	0.0);	(748234.2,	4353421.0,
1791.9,	2660.3,	0.0);				
(748334.2,	4353421.0,	1792.0,	2660.3,	0.0);	(748434.2,	4353421.0,
1791.8,	2660.3,	0.0);				
(748534.2,	4353421.0,	1791.8,	2822.7,	0.0);	(748634.2,	4353421.0,
1792.4,	2823.2,	0.0);				
(748734.2,	4353421.0,	1795.4,	2823.2,	0.0);	(748834.2,	4353421.0,
1816.7,	2823.2,	0.0);				
(748934.2,	4353421.0,	1837.2,	2660.3,	0.0);	(748134.2,	4353521.0,
1786.4,	2660.3,	0.0);				
(748234.2,	4353521.0,	1786.8,	2660.3,	0.0);	(748334.2,	4353521.0,
1787.1,	2660.3,	0.0);				
(748434.2,	4353521.0,	1789.4,	2660.3,	0.0);	(748534.2,	4353521.0,
1788.7,	2823.2,	0.0);				
(748634.2,	4353521.0,	1788.8,	2823.2,	0.0);	(748734.2,	4353521.0,
1793.6,	2823.2,	0.0);				
(748834.2,	4353521.0,	1814.6,	2823.2,	0.0);	(748934.2,	4353521.0,
1823.3,	2823.2,	0.0);				
(748134.2,	4353621.0,	1783.9,	2660.3,	0.0);	(748234.2,	4353621.0,
1784.6,	2660.3,	0.0);				
(748334.2,	4353621.0,	1785.2,	2660.3,	0.0);	(748434.2,	4353621.0,
1785.6,	2660.3,	0.0);				
(748534.2,	4353621.0,	1785.3,	2823.2,	0.0);	(748634.2,	4353621.0,
1785.8,	2823.2,	0.0);				
(748734.2,	4353621.0,	1789.1,	2823.2,	0.0);	(748834.2,	4353621.0,
1800.6,	2823.2,	0.0);				
▲ *** AERMOD - VERSION 22112 *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass						
Boiler C *** 02/08/23						
*** AERMET - VERSION 19191 *** NCSD Biomass Boiler Operational HRA						
*** 12:47:22						

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(748934.2, 4353621.0, 1807.2, 2823.2, 0.0);	(748134.2, 4353721.0,
1781.6, 2660.3, 0.0);	
(748234.2, 4353721.0, 1782.5, 2660.3, 0.0);	(748334.2, 4353721.0,
1782.4, 2660.3, 0.0);	
(748434.2, 4353721.0, 1781.9, 2660.3, 0.0);	(748534.2, 4353721.0,
1783.1, 2823.2, 0.0);	
(748634.2, 4353721.0, 1784.0, 2823.2, 0.0);	(748734.2, 4353721.0,
1786.4, 2823.2, 0.0);	
(748834.2, 4353721.0, 1790.9, 2823.2, 0.0);	(748934.2, 4353721.0,
1799.5, 2823.2, 0.0);	
(748134.2, 4353821.0, 1780.1, 2660.3, 0.0);	(748234.2, 4353821.0,
1780.1, 2660.3, 0.0);	
(748334.2, 4353821.0, 1778.7, 2660.3, 0.0);	(748434.2, 4353821.0,
1780.0, 2660.3, 0.0);	
(748534.2, 4353821.0, 1781.6, 2823.2, 0.0);	(748634.2, 4353821.0,
1782.2, 2823.2, 0.0);	
(748734.2, 4353821.0, 1783.5, 2823.2, 0.0);	(748834.2, 4353821.0,
1787.4, 2823.2, 0.0);	
(748934.2, 4353821.0, 1794.7, 2823.2, 0.0);	(748584.5, 4352211.0,
1885.0, 2660.3, 0.0);	
(748617.6, 4352190.3, 1878.6, 2660.3, 0.0);	(748591.1, 4352250.7,
1882.1, 2660.3, 0.0);	
(748669.6, 4352215.8, 1870.2, 2660.3, 0.0);	(748616.6, 4352277.2,
1878.6, 2660.3, 0.0);	
(748690.3, 4352249.8, 1869.0, 2660.3, 0.0);	(748642.2, 4352387.7,
1878.9, 2660.3, 0.0);	
(748768.8, 4352459.5, 1854.1, 2660.3, 0.0);	(748812.2, 4352155.3,
1862.9, 2660.3, 0.0);	
(748804.7, 4352253.6, 1855.0, 2660.3, 0.0);	(748392.7, 4352234.7,
1928.3, 2624.2, 0.0);	
(748369.1, 4352212.0, 1927.8, 2624.2, 0.0);	(748306.7, 4352223.3,
1933.0, 2624.2, 0.0);	
(748795.2, 4352195.9, 1859.1, 2660.3, 0.0);	(748287.6, 4352207.7,
1932.1, 2624.2, 0.0);	
(748280.4, 4352178.0, 1929.5, 2624.2, 0.0);	(748261.1, 4352145.9,
1930.9, 2624.2, 0.0);	
(748232.2, 4352102.5, 1931.9, 2624.2, 0.0);	(748241.8, 4352072.8,
1929.3, 2624.2, 0.0);	
(748278.8, 4352046.3, 1922.9, 2624.2, 0.0);	(748269.1, 4352021.4,
1924.2, 2624.2, 0.0);	
(748281.2, 4352000.5, 1922.6, 2624.2, 0.0);	(748278.8, 4351958.8,
1924.9, 2624.2, 0.0);	
(748286.8, 4351937.1, 1924.6, 2624.2, 0.0);	(748300.4, 4351917.8,
1922.7, 2624.2, 0.0);	
(748500.4, 4351912.2, 1886.5, 2660.3, 0.0);	(748500.4, 4351883.3,
1887.7, 2660.3, 0.0);	
(748475.5, 4351831.5, 1892.1, 2660.3, 0.0);	(748469.8, 4351799.4,
1894.4, 2660.3, 0.0);	
(748499.1, 4351778.6, 1892.5, 2660.3, 0.0);	(748495.3, 4351718.1,
1896.6, 2660.3, 0.0);	
(748507.6, 4351744.6, 1893.8, 2660.3, 0.0);	(748541.6, 4351865.5,
1885.4, 2660.3, 0.0);	
(748504.8, 4351644.4, 1899.0, 2660.3, 0.0);	(748509.5, 4351615.1,
1900.7, 2660.3, 0.0);	
(748318.6, 4351677.5, 1927.7, 2624.2, 0.0);	(748457.5, 4351557.5,

17	01	01	1	13	38.8	0.569	1.139	0.020	1084.	1028.	-336.8	0.03	0.47	0.42	7.98	206.
10.0	277.0			2.0												
17	01	01	1	14	31.0	0.605	1.058	0.013	1085.	1129.	-507.2	0.03	0.47	0.43	8.54	201.
10.0	275.9			2.0												
17	01	01	1	15	15.5	0.587	0.841	0.019	1086.	1081.	-925.1	0.03	0.47	0.47	8.33	202.
10.0	274.9			2.0												
17	01	01	1	16	-9.9	0.411	-9.000	-9.000	-999.	660.	497.1	0.03	0.47	0.55	5.94	205.
10.0	272.5			2.0												
17	01	01	1	17	-30.4	0.379	-9.000	-9.000	-999.	562.	158.3	0.03	0.47	0.80	5.63	207.
10.0	270.9			2.0												
17	01	01	1	18	-43.9	0.532	-9.000	-9.000	-999.	931.	311.3	0.03	0.47	1.00	7.79	203.
10.0	269.9			2.0												
17	01	01	1	19	-48.1	0.582	-9.000	-9.000	-999.	1065.	373.2	0.03	0.47	1.00	8.50	204.
10.0	269.2			2.0												
17	01	01	1	20	-52.7	0.634	-9.000	-9.000	-999.	1209.	441.7	0.03	0.47	1.00	9.22	203.
10.0	269.2			2.0												
17	01	01	1	21	-59.0	0.710	-9.000	-9.000	-999.	1432.	554.3	0.03	0.47	1.00	10.29	204.
10.0	269.2			2.0												
17	01	01	1	22	-54.6	0.656	-9.000	-9.000	-999.	1282.	474.1	0.03	0.47	1.00	9.54	203.
10.0	269.2			2.0												
17	01	01	1	23	-44.0	0.532	-9.000	-9.000	-999.	949.	311.2	0.03	0.47	1.00	7.79	205.
10.0	269.2			2.0												
17	01	01	1	24	-45.6	0.551	-9.000	-9.000	-999.	981.	334.1	0.03	0.47	1.00	8.06	204.
10.0	269.2			2.0												

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
17	01	01	01	10.0	1	-999.	-99.00	267.1	99.0	-99.00	-99.00

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

▲ *** AERMOD - VERSION 22112 *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** NCSD Biomass Boiler Operational HRA
 *** 12:47:22

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE

GROUP: STCK1 ***

INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

CONC	X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)
0.04027	747334.19	4349821.00	0.03759	747434.19	4349821.00
0.04417	747534.19	4349821.00	0.04225	747634.19	4349821.00
0.04490	747734.19	4349821.00	0.04510	747834.19	4349821.00
0.03964	747934.19	4349821.00	0.04290	748034.19	4349821.00
	748134.19	4349821.00	0.03549	748234.19	4349821.00

0.03109	748334.19	4349821.00	0.02669	748434.19	4349821.00
0.02227	747334.19	4349921.00	0.03884	747434.19	4349921.00
0.04286	747534.19	4349921.00	0.04606	747634.19	4349921.00
0.04817	747734.19	4349921.00	0.04951	747834.19	4349921.00
0.04934	747934.19	4349921.00	0.04729	748034.19	4349921.00
0.04409	748134.19	4349921.00	0.03940	748234.19	4349921.00
0.03456	748334.19	4349921.00	0.02941	748434.19	4349921.00
0.02424	747334.19	4350021.00	0.03944	747434.19	4350021.00
0.04420	747534.19	4350021.00	0.04853	747634.19	4350021.00
0.05184	747734.19	4350021.00	0.05363	747834.19	4350021.00
0.05389	747934.19	4350021.00	0.05202	748034.19	4350021.00
0.04873	748134.19	4350021.00	0.04466	748234.19	4350021.00
0.03932	748334.19	4350021.00	0.03324	748434.19	4350021.00
0.02687	747334.19	4350121.00	0.03995	747434.19	4350121.00
0.04532	747534.19	4350121.00	0.05072	747634.19	4350121.00
0.05494	747734.19	4350121.00	0.05773	747834.19	4350121.00
0.05873	747934.19	4350121.00	0.05700	748034.19	4350121.00
0.05463	748134.19	4350121.00	0.04984	748234.19	4350121.00
0.04396	748334.19	4350121.00	0.03726	748434.19	4350121.00
0.03037	747334.19	4350221.00	0.04089	747434.19	4350221.00
0.04671	747534.19	4350221.00	0.05284	747634.19	4350221.00
0.05821	747734.19	4350221.00	0.06176	747834.19	4350221.00
0.06309	747934.19	4350221.00	0.06191	748034.19	4350221.00
0.05992	748134.19	4350221.00	0.05711	748234.19	4350221.00
0.05074	748334.19	4350221.00	0.04347	748434.19	4350221.00
0.03510	747334.19	4350321.00	0.04132	747434.19	4350321.00
0.04804	747534.19	4350321.00	0.05503	747634.19	4350321.00
0.06163	747734.19	4350321.00	0.06591	747834.19	4350321.00
0.06774	747934.19	4350321.00	0.06817	748034.19	4350321.00
0.06729	748134.19	4350321.00	0.06440	748234.19	4350321.00
0.05806					

	748334.19	4350321.00	0.05004	748434.19	4350321.00
0.04065					
	747334.19	4350421.00	0.04113	747434.19	4350421.00
0.04895					
	747534.19	4350421.00	0.05769	747634.19	4350421.00
0.06566					
	747734.19	4350421.00	0.07111	747834.19	4350421.00
0.07419					
	747934.19	4350421.00	0.07527	748034.19	4350421.00
0.07406					

*** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler Operational HRA
 *** 12:47:22

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*** MODELOPTS: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE
 GROUP: STCK1 ***
 INCLUDING SOURCE(S): STCK1 ,

*** 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					

	748134.19	4350421.00	0.07153	748234.19	4350421.00
0.06671					
	748334.19	4350421.00	0.05770	748434.19	4350421.00
0.04706					
	747334.19	4350521.00	0.04138	747434.19	4350521.00
0.05032					
	747534.19	4350521.00	0.06001	747634.19	4350521.00
0.06955					
	747734.19	4350521.00	0.07832	747834.19	4350521.00
0.08356					
	747934.19	4350521.00	0.08378	748034.19	4350521.00
0.08133					
	748134.19	4350521.00	0.07925	748234.19	4350521.00
0.07435					
	748334.19	4350521.00	0.06666	748434.19	4350521.00
0.05475					
	747334.19	4350621.00	0.04189	747434.19	4350621.00
0.05179					
	747534.19	4350621.00	0.06277	747634.19	4350621.00
0.07406					
	747734.19	4350621.00	0.08489	747834.19	4350621.00
0.09287					
	747934.19	4350621.00	0.09610	748034.19	4350621.00
0.09267					
	748134.19	4350621.00	0.08875	748234.19	4350621.00
0.08394					
	748334.19	4350621.00	0.07726	748434.19	4350621.00
0.06348					
	747334.19	4350721.00	0.04266	747434.19	4350721.00
0.05298					

0.07652	747534.19	4350721.00	0.06403	747634.19	4350721.00
0.10213	747734.19	4350721.00	0.08982	747834.19	4350721.00
0.10848	747934.19	4350721.00	0.10943	748034.19	4350721.00
0.09819	748134.19	4350721.00	0.10305	748234.19	4350721.00
0.07446	748334.19	4350721.00	0.08924	748434.19	4350721.00
0.05365	747334.19	4350821.00	0.04361	747434.19	4350821.00
0.07684	747534.19	4350821.00	0.06449	747634.19	4350821.00
0.11204	747734.19	4350821.00	0.09343	747834.19	4350821.00
0.12886	747934.19	4350821.00	0.12547	748034.19	4350821.00
0.11737	748134.19	4350821.00	0.12337	748234.19	4350821.00
0.08805	748334.19	4350821.00	0.10601	748434.19	4350821.00
0.05360	747334.19	4350921.00	0.04433	747434.19	4350921.00
0.07740	747534.19	4350921.00	0.06413	747634.19	4350921.00
0.12149	747734.19	4350921.00	0.09707	747834.19	4350921.00
0.15638	747934.19	4350921.00	0.14536	748034.19	4350921.00
0.14674	748134.19	4350921.00	0.15589	748234.19	4350921.00
0.10723	748334.19	4350921.00	0.12934	748434.19	4350921.00
0.05322	747334.19	4351021.00	0.04519	747434.19	4351021.00
0.07643	747534.19	4351021.00	0.06220	747634.19	4351021.00
0.12905	747734.19	4351021.00	0.09950	747834.19	4351021.00
0.19163	747934.19	4351021.00	0.16437	748034.19	4351021.00
0.13335	748334.19	4351021.00	0.16023	748434.19	4351021.00
0.12679	748534.19	4351021.00	0.12766	748634.19	4351021.00
0.05255	747334.19	4351121.00	0.04568	747434.19	4351121.00
0.07608	747534.19	4351121.00	0.06115	747634.19	4351121.00

*** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler Operational HRA
 *** 12:47:22

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE

GROUP: STCK1 ***

INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

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

0.13828	747734.19	4351121.00	0.10197	747834.19	4351121.00
0.23058	747934.19	4351121.00	0.18515	748034.19	4351121.00
0.27195	748334.19	4351121.00	0.21844	748434.19	4351121.00
0.28051	748534.19	4351121.00	0.25117	748634.19	4351121.00
0.05180	747334.19	4351221.00	0.04653	747434.19	4351221.00
0.07618	747534.19	4351221.00	0.06045	747634.19	4351221.00
0.14269	747734.19	4351221.00	0.10164	747834.19	4351221.00
0.27420	747934.19	4351221.00	0.20221	748034.19	4351221.00
0.35875	748134.19	4351221.00	0.33060	748234.19	4351221.00
0.44761	748434.19	4351221.00	0.42926	748634.19	4351221.00
0.05225	747334.19	4351321.00	0.04721	747434.19	4351321.00
0.07605	747534.19	4351321.00	0.06079	747634.19	4351321.00
0.14162	747734.19	4351321.00	0.10026	747834.19	4351321.00
0.31637	747934.19	4351321.00	0.21273	748034.19	4351321.00
0.79782	748234.19	4351321.00	0.65728	748334.19	4351321.00
0.03063	748434.19	4351321.00	0.79366	746434.19	4351421.00
0.03114	746534.19	4351421.00	0.03052	746634.19	4351421.00
0.05353	747334.19	4351421.00	0.04830	747434.19	4351421.00
0.07636	747534.19	4351421.00	0.06186	747634.19	4351421.00
0.13852	747734.19	4351421.00	0.09959	747834.19	4351421.00
0.34573	747934.19	4351421.00	0.21441	748034.19	4351421.00
1.28006	748234.19	4351421.00	0.91529	748334.19	4351421.00
0.04543	746434.19	4351521.00	0.04574	746534.19	4351521.00
0.05101	746634.19	4351521.00	0.04152	747334.19	4351521.00
0.06436	747434.19	4351521.00	0.05609	747534.19	4351521.00
	747634.19	4351521.00	0.07832	747734.19	4351521.00

0.09915					
	747834.19	4351521.00	0.13529	747934.19	4351521.00
0.20574					
	748034.19	4351521.00	0.34472	748103.00	4351532.34
0.52278					
	748083.00	4351484.15	0.45905	748334.19	4351521.00
1.74128					
	748451.19	4351515.33	1.21587	748534.19	4351521.00
0.80405					
	748634.19	4351521.00	0.44453	746434.19	4351621.00
0.04833					
	746534.19	4351621.00	0.05111	746634.19	4351621.00
0.05420					
	747334.19	4351621.00	0.06074	747434.19	4351621.00
0.05957					
	747534.19	4351621.00	0.06680	747634.19	4351621.00
0.07982					
	747734.19	4351621.00	0.10046	747834.19	4351621.00
0.13338					
	747934.19	4351621.00	0.19685	748034.19	4351621.00
0.32613					
	748073.71	4351672.02	0.41135	748234.19	4351621.00
1.53785					
	748334.19	4351621.00	2.88386	748534.19	4351621.00
1.01372					
	746434.19	4351721.00	0.05442	746534.19	4351721.00
0.05574					
	746634.19	4351721.00	0.06114	747334.19	4351721.00
0.08967					

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE
 GROUP: STCK1 ***
 INCLUDING SOURCE(S): STCK1 ,

*** 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					
	747434.19	4351721.00	0.06216	747534.19	4351721.00
0.06831					
	747634.19	4351721.00	0.08171	747734.19	4351721.00
0.10360					
	747834.19	4351721.00	0.13558	747934.19	4351721.00
0.19236					
	748034.19	4351721.00	0.31803	748134.19	4351721.00
0.65407					
	748234.19	4351721.00	1.66219	748334.19	4351721.00
4.81657					
	748534.19	4351721.00	1.33797	748634.19	4351721.00

0.94937					
	746434.19	4351821.00	0.05191	746534.19	4351821.00
0.05789					
	746634.19	4351821.00	0.05556	747334.19	4351821.00
0.09758					
	747434.19	4351821.00	0.10536	747534.19	4351821.00
0.08305					
	747634.19	4351821.00	0.08379	747734.19	4351821.00
0.10177					
	747834.19	4351821.00	0.13462	747934.19	4351821.00
0.19403					
	748034.19	4351821.00	0.32866	748134.19	4351821.00
0.60709					
	748234.19	4351821.00	1.37798	748534.19	4351821.00
1.94525					
	748634.19	4351821.00	1.38721	746434.19	4351921.00
0.04708					
	746534.19	4351921.00	0.05095	746634.19	4351921.00
0.05119					
	747334.19	4351921.00	0.09766	747434.19	4351921.00
0.10075					
	747534.19	4351921.00	0.11204	747634.19	4351921.00
0.07932					
	747734.19	4351921.00	0.09166	747834.19	4351921.00
0.11989					
	747934.19	4351921.00	0.18035	748034.19	4351921.00
0.30184					
	748134.19	4351921.00	0.53712	748234.19	4351921.00
1.24185					
	748549.88	4351948.46	2.54149	749034.19	4351921.00
0.24496					
	749134.19	4351921.00	0.23484	749234.19	4351921.00
0.22136					
	749334.19	4351921.00	0.32256	749434.19	4351921.00
0.03735					
	749534.19	4351921.00	0.02192	749634.19	4351921.00
0.10701					
	746434.19	4352021.00	0.04385	746534.19	4352021.00
0.04597					
	746634.19	4352021.00	0.04761	747334.19	4352021.00
0.08448					
	747434.19	4352021.00	0.09233	747534.19	4352021.00
0.09844					
	747634.19	4352021.00	0.06856	747734.19	4352021.00
0.07882					
	747834.19	4352021.00	0.10275	747934.19	4352021.00
0.15403					
	748034.19	4352021.00	0.24434	748134.19	4352021.00
0.41969					
	748234.19	4352021.00	0.84895	749034.19	4352021.00
0.24997					
	749134.19	4352021.00	0.19003	749234.19	4352021.00
0.18759					
	749334.19	4352021.00	0.35818	749434.19	4352021.00
0.09380					
	749534.19	4352021.00	0.05312	749634.19	4352021.00
0.24555					
	746434.19	4352121.00	0.04114	746534.19	4352121.00
0.04267					
	746634.19	4352121.00	0.04450	747334.19	4352121.00
0.07643					

	747434.19	4352121.00	0.08883	747534.19	4352121.00
0.09619					
	747634.19	4352121.00	0.08229	747734.19	4352121.00
0.07994					
	747834.19	4352121.00	0.10273	747934.19	4352121.00
0.16483					
	748034.19	4352121.00	0.24402	748134.19	4352121.00
0.37043					

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE

GROUP: STCK1 ***

INCLUDING SOURCE(S): STCK1 ,

*** 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					

	748234.19	4352121.00	0.69733	748834.19	4352121.00
0.75409					
	748934.19	4352121.00	0.40606	749034.19	4352121.00
0.24424					
	749134.19	4352121.00	0.17559	749234.19	4352121.00
0.15288					
	749334.19	4352121.00	0.17234	749434.19	4352121.00
0.40235					
	749534.19	4352121.00	0.16304	749634.19	4352121.00
0.26948					
	746434.19	4352221.00	0.03932	746534.19	4352221.00
0.04079					
	746634.19	4352221.00	0.04249	747334.19	4352221.00
0.07274					
	747434.19	4352221.00	0.08529	747534.19	4352221.00
0.09156					
	747634.19	4352221.00	0.10211	747734.19	4352221.00
0.10471					
	747834.19	4352221.00	0.14076	747934.19	4352221.00
0.20440					
	748034.19	4352221.00	0.27948	748134.19	4352221.00
0.41497					
	748234.19	4352221.00	0.63607	748334.19	4352221.00
2.43622					
	748634.19	4352221.00	5.03228	748734.19	4352221.00
1.89932					
	748834.19	4352221.00	0.86052	748934.19	4352221.00
0.45451					
	749034.19	4352221.00	0.27286	749134.19	4352221.00
0.19734					
	749234.19	4352221.00	0.16761	749334.19	4352221.00
0.18978					

0.36776	749434.19	4352221.00	0.31126	749534.19	4352221.00
0.08314	749634.19	4352221.00	0.21338	747534.19	4352321.00
0.10396	747634.19	4352321.00	0.08006	747734.19	4352321.00
0.19454	747834.19	4352321.00	0.15235	747934.19	4352321.00
0.43259	748034.19	4352321.00	0.28952	748134.19	4352321.00
1.29999	748234.19	4352321.00	0.58223	748316.40	4352317.66
2.23716	748653.16	4352331.51	5.44608	748734.19	4352321.00
0.57870	748834.19	4352321.00	1.08184	748934.19	4352321.00
0.26137	749034.19	4352321.00	0.36057	749134.19	4352321.00
0.19602	749234.19	4352321.00	0.21332	749334.19	4352321.00
0.27366	749434.19	4352321.00	0.26088	749534.19	4352321.00
0.05292	749634.19	4352321.00	0.18440	747534.19	4352421.00
0.11082	747634.19	4352421.00	0.06450	747734.19	4352421.00
0.19034	747834.19	4352421.00	0.14597	747934.19	4352421.00
1.26878	748734.19	4352421.00	2.54155	748834.19	4352421.00
0.49929	748934.19	4352421.00	0.76506	749034.19	4352421.00
0.28621	749134.19	4352421.00	0.36074	749234.19	4352421.00
0.24827	749334.19	4352421.00	0.24355	749434.19	4352421.00
0.20506	749534.19	4352421.00	0.22246	749634.19	4352421.00
0.11863	747634.19	4352521.00	0.09971	747734.19	4352521.00
0.18914	747834.19	4352521.00	0.14935	747934.19	4352521.00
0.53182	748134.19	4352521.00	0.26479	748234.19	4352521.00
2.96123	748314.18	4352541.00	1.13274	748734.19	4352521.00
0.93893	748834.19	4352521.00	1.43164	748934.19	4352521.00

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE

GROUP: STCK1 ***

INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

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

	749034.19	4352521.00	0.66002	749134.19	4352521.00
0.48466	749234.19	4352521.00	0.37531	749334.19	4352521.00
0.30811	749434.19	4352521.00	0.30107	749534.19	4352521.00
0.29314	749634.19	4352521.00	0.23347	747634.19	4352621.00
0.10391	747734.19	4352621.00	0.12221	747834.19	4352621.00
0.15058	748134.19	4352621.00	0.48742	748234.19	4352621.00
0.83360	748334.19	4352621.00	1.79051	748734.19	4352621.00
3.03581	748834.19	4352621.00	1.66897	748934.19	4352621.00
1.08924	749034.19	4352621.00	0.80870	747634.19	4352721.00
0.09632	747734.19	4352721.00	0.12035	747834.19	4352721.00
0.16868	747934.19	4352721.00	0.21911	748034.19	4352721.00
0.32400	748134.19	4352721.00	0.51179	748234.19	4352721.00
0.84761	748334.19	4352721.00	1.53275	748643.08	4352725.44
4.29606	748734.19	4352721.00	3.05394	748834.19	4352721.00
1.92100	748934.19	4352721.00	1.24307	749034.19	4352721.00
0.93226	747634.19	4352821.00	0.09598	747734.19	4352821.00
0.11562	747834.19	4352821.00	0.15290	747934.19	4352821.00
0.22713	748034.19	4352821.00	0.36817	748134.19	4352821.00
0.52847	748234.19	4352821.00	0.79189	748334.19	4352821.00
1.43035	748634.19	4352821.00	4.26003	748734.19	4352821.00
3.22409	748834.19	4352821.00	2.16469	748934.19	4352821.00
1.43817	749034.19	4352821.00	1.04160	747634.19	4352921.00
0.09691	747734.19	4352921.00	0.11972	747834.19	4352921.00
0.15919	747934.19	4352921.00	0.21936	748034.19	4352921.00
0.31099	748134.19	4352921.00	0.47747	748234.19	4352921.00
0.74862	748334.19	4352921.00	1.44854	748434.19	4352921.00
2.57676	748534.19	4352921.00	3.77503	748634.19	4352921.00

1.04330					
	748434.19	4353221.00	1.88953	748534.19	4353221.00
3.07881					
	748634.19	4353221.00	3.94596	748734.19	4353221.00
3.91447					
	748834.19	4353221.00	3.21042	748934.19	4353221.00
2.39893					
	747634.19	4353321.00	0.11589	747734.19	4353321.00
0.14508					
	747834.19	4353321.00	0.18275	747934.19	4353321.00
0.23405					
	748034.19	4353321.00	0.30708	748134.19	4353321.00
0.41674					
	748234.19	4353321.00	0.60824	748334.19	4353321.00
1.00516					
	748434.19	4353321.00	1.77666	748534.19	4353321.00
2.86596					
	748634.19	4353321.00	3.75164	748734.19	4353321.00
3.89683					
	748834.19	4353321.00	3.36384	748934.19	4353321.00
2.60985					
	748134.19	4353421.00	0.41102	748234.19	4353421.00
0.59540					
	748334.19	4353421.00	0.96850	748434.19	4353421.00
1.67170					
	748534.19	4353421.00	2.66485	748634.19	4353421.00
3.53968					
	748734.19	4353421.00	3.81816	748834.19	4353421.00
3.45373					
	748934.19	4353421.00	2.78482	748134.19	4353521.00
0.40541					
	748234.19	4353521.00	0.58262	748334.19	4353521.00
0.93298					
	748434.19	4353521.00	1.57403	748534.19	4353521.00
2.47719					
	748634.19	4353521.00	3.32260	748734.19	4353521.00
3.69545					
	748834.19	4353521.00	3.48107	748934.19	4353521.00
2.90843					
	748134.19	4353621.00	0.39947	748234.19	4353621.00
0.56991					
	748334.19	4353621.00	0.89840	748434.19	4353621.00
1.48248					
	748534.19	4353621.00	2.30345	748634.19	4353621.00
3.10899					
	748734.19	4353621.00	3.54393	748834.19	4353621.00
3.45599					
	748934.19	4353621.00	2.99067	748134.19	4353721.00
0.39326					
	748234.19	4353721.00	0.55698	748334.19	4353721.00
0.86456					
	748434.19	4353721.00	1.39764	748534.19	4353721.00
2.14431					
	748634.19	4353721.00	2.90430	748734.19	4353721.00
3.37666					
	748834.19	4353721.00	3.39368	748934.19	4353721.00
3.03532					
	748134.19	4353821.00	0.38689	748234.19	4353821.00
0.54383					
	748334.19	4353821.00	0.83157	748434.19	4353821.00
1.31922					

	748534.19	4353821.00	1.99876	748634.19	4353821.00
2.71093	748734.19	4353821.00	3.20222	748834.19	4353821.00
3.30380	748934.19	4353821.00	3.04467	748584.52	4352211.05
10.64845					

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 Boiler C *** 02/08/23
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE
 GROUP: STCK1 ***
 INCLUDING SOURCE(S): STCK1 ,

*** 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					

	748617.59	4352190.26	5.63866	748591.14	4352250.73
10.96669	748669.56	4352215.77	3.40612	748616.64	4352277.19
7.90306	748690.34	4352249.78	2.98985	748642.16	4352387.73
6.95798	748768.76	4352459.53	1.99786	748812.23	4352155.30
0.90559	748804.67	4352253.56	1.15415	748392.72	4352234.67
6.91759	748369.10	4352211.99	4.71375	748306.74	4352223.33
1.59113	748795.22	4352195.93	1.08719	748287.59	4352207.74
1.26962	748280.37	4352178.03	1.20229	748261.09	4352145.90
0.90872	748232.18	4352102.53	0.70118	748241.81	4352072.82
0.80942	748278.76	4352046.31	1.27362	748269.12	4352021.42
1.20635	748281.17	4352000.53	1.45253	748278.76	4351958.77
1.70458	748286.79	4351937.09	2.19271	748300.44	4351917.81
3.01447	748500.42	4351912.19	2.57570	748500.42	4351883.28
2.53182	748475.48	4351831.50	3.00089	748469.81	4351799.37
3.57831	748499.10	4351778.59	2.07578	748495.32	4351718.11
2.01172	748507.61	4351744.57	1.84779	748541.62	4351865.51
2.32269	748504.77	4351644.41	1.42654	748509.50	4351615.12
1.22929					

1.38902	748318.63	4351677.48	3.70726	748457.53	4351557.49
2.42026	748321.47	4351642.52	3.10624	748344.14	4351584.89
0.54478	748347.92	4351551.82	2.03540	748108.92	4351572.77
0.32873	748036.17	4351387.56	0.34069	748033.33	4351360.16
0.32060	748055.06	4351291.18	0.32397	748064.51	4351268.50
0.30849	748083.41	4351244.88	0.32074	748090.03	4351220.31
0.40809	748307.36	4351257.50	0.48910	748368.87	4351208.17
0.36879	748336.38	4351195.40	0.35594	748381.64	4351190.18
0.34443	748421.68	4351187.28	0.38478	748464.62	4351182.06
0.44661	748470.43	4351237.19	0.49977	748419.36	4351230.80
0.55203	748380.48	4351293.48	0.60042	748365.39	4351278.39
0.61948	748197.10	4351361.95	0.66535	748210.45	4351328.29
0.73755	748216.83	4351289.41	0.51206	748203.25	4351380.93
60.67591	748225.78	4351410.97	0.87524	748428.09	4351922.02
25.48821	748417.57	4351907.07	34.29195	748422.00	4351896.54
27.29197	748433.08	4351908.73	17.76567	748402.06	4351875.50
54.96695	748409.67	4352024.65	22.02325	748425.96	4352031.17
82.73259	748427.92	4352055.93	61.71548	748446.82	4352063.10

*** AERMOD - VERSION 22112 *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler Operational HRA
 *** 12:47:22

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*** MODELOPTS: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE
 GROUP: STCK2 ***
 INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

CONC	X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)
0.04023	747334.19	4349821.00	0.03755	747434.19	4349821.00
0.04414	747534.19	4349821.00	0.04221	747634.19	4349821.00

0.04489	747734.19	4349821.00	0.04508	747834.19	4349821.00
0.03965	747934.19	4349821.00	0.04291	748034.19	4349821.00
0.03111	748134.19	4349821.00	0.03547	748234.19	4349821.00
0.02230	748334.19	4349821.00	0.02672	748434.19	4349821.00
0.04282	747334.19	4349921.00	0.03879	747434.19	4349921.00
0.04813	747534.19	4349921.00	0.04601	747634.19	4349921.00
0.04932	747734.19	4349921.00	0.04948	747834.19	4349921.00
0.04410	747934.19	4349921.00	0.04729	748034.19	4349921.00
0.03459	748134.19	4349921.00	0.03942	748234.19	4349921.00
0.02427	748334.19	4349921.00	0.02944	748434.19	4349921.00
0.04414	747334.19	4350021.00	0.03939	747434.19	4350021.00
0.05179	747534.19	4350021.00	0.04847	747634.19	4350021.00
0.05387	747734.19	4350021.00	0.05358	747834.19	4350021.00
0.04874	747934.19	4350021.00	0.05202	748034.19	4350021.00
0.03935	748134.19	4350021.00	0.04468	748234.19	4350021.00
0.02691	748334.19	4350021.00	0.03328	748434.19	4350021.00
0.04526	747334.19	4350121.00	0.03989	747434.19	4350121.00
0.05488	747534.19	4350121.00	0.05065	747634.19	4350121.00
0.05869	747734.19	4350121.00	0.05768	747834.19	4350121.00
0.05463	747934.19	4350121.00	0.05699	748034.19	4350121.00
0.04399	748134.19	4350121.00	0.04986	748234.19	4350121.00
0.03041	748334.19	4350121.00	0.03731	748434.19	4350121.00
0.04664	747334.19	4350221.00	0.04082	747434.19	4350221.00
0.05814	747534.19	4350221.00	0.05276	747634.19	4350221.00
0.06304	747734.19	4350221.00	0.06170	747834.19	4350221.00
0.05991	747934.19	4350221.00	0.06189	748034.19	4350221.00
0.05077	748134.19	4350221.00	0.05712	748234.19	4350221.00
0.03515	748334.19	4350221.00	0.04352	748434.19	4350221.00
0.04795	747334.19	4350321.00	0.04125	747434.19	4350321.00
0.06154	747534.19	4350321.00	0.05494	747634.19	4350321.00
	747734.19	4350321.00	0.06583	747834.19	4350321.00

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0.06768      747934.19      4350321.00      0.06814      748034.19      4350321.00
0.06728      748134.19      4350321.00      0.06442      748234.19      4350321.00
0.05809      748334.19      4350321.00      0.05009      748434.19      4350321.00
0.04071      747334.19      4350421.00      0.04105      747434.19      4350421.00
0.04886      747534.19      4350421.00      0.05759      747634.19      4350421.00
0.06554      747734.19      4350421.00      0.07101      747834.19      4350421.00
0.07409      747934.19      4350421.00      0.07522      748034.19      4350421.00
0.07405
^ *** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
Boiler C *** 02/08/23
*** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler Operational HRA
*** 12:47:22

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE
GROUP: STCK2 ***
INCLUDING SOURCE(S): STCK2 ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

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

0.06674	748134.19	4350421.00	0.07154	748234.19	4350421.00
0.04713	748334.19	4350421.00	0.05777	748434.19	4350421.00
0.05021	747334.19	4350521.00	0.04129	747434.19	4350521.00
0.06941	747534.19	4350521.00	0.05988	747634.19	4350521.00
0.08344	747734.19	4350521.00	0.07818	747834.19	4350521.00
0.08131	747934.19	4350521.00	0.08371	748034.19	4350521.00
0.07439	748134.19	4350521.00	0.07926	748234.19	4350521.00
0.05483	748334.19	4350521.00	0.06673	748434.19	4350521.00
0.05167	747334.19	4350621.00	0.04180	747434.19	4350621.00
0.07390	747534.19	4350621.00	0.06263	747634.19	4350621.00
0.09271	747734.19	4350621.00	0.08468	747834.19	4350621.00
0.09262	747934.19	4350621.00	0.09598	748034.19	4350621.00
	748134.19	4350621.00	0.08876	748234.19	4350621.00

0.08399					
	748334.19	4350621.00	0.07734	748434.19	4350621.00
0.06357					
	747334.19	4350721.00	0.04257	747434.19	4350721.00
0.05286					
	747534.19	4350721.00	0.06386	747634.19	4350721.00
0.07632					
	747734.19	4350721.00	0.08960	747834.19	4350721.00
0.10192					
	747934.19	4350721.00	0.10925	748034.19	4350721.00
0.10838					
	748134.19	4350721.00	0.10304	748234.19	4350721.00
0.09824					
	748334.19	4350721.00	0.08934	748434.19	4350721.00
0.07457					
	747334.19	4350821.00	0.04351	747434.19	4350821.00
0.05347					
	747534.19	4350821.00	0.06432	747634.19	4350821.00
0.07662					
	747734.19	4350821.00	0.09318	747834.19	4350821.00
0.11176					
	747934.19	4350821.00	0.12522	748034.19	4350821.00
0.12870					
	748134.19	4350821.00	0.12332	748234.19	4350821.00
0.11742					
	748334.19	4350821.00	0.10612	748434.19	4350821.00
0.08817					
	747334.19	4350921.00	0.04423	747434.19	4350921.00
0.05345					
	747534.19	4350921.00	0.06394	747634.19	4350921.00
0.07716					
	747734.19	4350921.00	0.09677	747834.19	4350921.00
0.12113					
	747934.19	4350921.00	0.14499	748034.19	4350921.00
0.15610					
	748134.19	4350921.00	0.15577	748234.19	4350921.00
0.14677					
	748334.19	4350921.00	0.12947	748434.19	4350921.00
0.10732					
	747334.19	4351021.00	0.04509	747434.19	4351021.00
0.05303					
	747534.19	4351021.00	0.06203	747634.19	4351021.00
0.07619					
	747734.19	4351021.00	0.09916	747834.19	4351021.00
0.12861					
	747934.19	4351021.00	0.16386	748034.19	4351021.00
0.19117					
	748334.19	4351021.00	0.16038	748434.19	4351021.00
0.13329					
	748534.19	4351021.00	0.12660	748634.19	4351021.00
0.12511					
	747334.19	4351121.00	0.04558	747434.19	4351121.00
0.05242					
	747534.19	4351121.00	0.06098	747634.19	4351121.00
0.07583					

*** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler Operational HRA
 *** 12:47:22

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE
GROUP: STCK2 ***
INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

CONC	X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)
0.13773	747734.19	4351121.00	0.10159	747834.19	4351121.00
0.22987	747934.19	4351121.00	0.18446	748034.19	4351121.00
0.26849	748334.19	4351121.00	0.21830	748434.19	4351121.00
0.27652	748534.19	4351121.00	0.24741	748634.19	4351121.00
0.05167	747334.19	4351221.00	0.04643	747434.19	4351221.00
0.07593	747534.19	4351221.00	0.06028	747634.19	4351221.00
0.14208	747734.19	4351221.00	0.10125	747834.19	4351221.00
0.27313	747934.19	4351221.00	0.20133	748034.19	4351221.00
0.35759	748134.19	4351221.00	0.32966	748234.19	4351221.00
0.44471	748434.19	4351221.00	0.42356	748634.19	4351221.00
0.05212	747334.19	4351321.00	0.04710	747434.19	4351321.00
0.07580	747534.19	4351321.00	0.06062	747634.19	4351321.00
0.14099	747734.19	4351321.00	0.09989	747834.19	4351321.00
0.31485	747934.19	4351321.00	0.21169	748034.19	4351321.00
0.78863	748234.19	4351321.00	0.64977	748334.19	4351321.00
0.03049	748434.19	4351321.00	0.79176	746434.19	4351421.00
0.03103	746534.19	4351421.00	0.03040	746634.19	4351421.00
0.05340	747334.19	4351421.00	0.04820	747434.19	4351421.00
0.07612	747534.19	4351421.00	0.06169	747634.19	4351421.00
0.13794	747734.19	4351421.00	0.09924	747834.19	4351421.00
0.34388	747934.19	4351421.00	0.21333	748034.19	4351421.00
1.27190	748234.19	4351421.00	0.90602	748334.19	4351421.00
0.04519	746434.19	4351521.00	0.04558	746534.19	4351521.00

0.05089	746634.19	4351521.00	0.04126	747334.19	4351521.00
0.06419	747434.19	4351521.00	0.05595	747534.19	4351521.00
0.09881	747634.19	4351521.00	0.07809	747734.19	4351521.00
0.20480	747834.19	4351521.00	0.13442	747934.19	4351521.00
0.51976	748034.19	4351521.00	0.34279	748103.00	4351532.34
1.72824	748083.00	4351484.15	0.45635	748334.19	4351521.00
0.80765	748451.19	4351515.33	1.22246	748534.19	4351521.00
0.04827	748634.19	4351521.00	0.44768	746434.19	4351621.00
0.05411	746534.19	4351621.00	0.05106	746634.19	4351621.00
0.05940	747334.19	4351621.00	0.06044	747434.19	4351621.00
0.07959	747534.19	4351621.00	0.06662	747634.19	4351621.00
0.13302	747734.19	4351621.00	0.10017	747834.19	4351621.00
0.32482	747934.19	4351621.00	0.19619	748034.19	4351621.00
1.52555	748073.71	4351672.02	0.40987	748234.19	4351621.00
1.01354	748334.19	4351621.00	2.86539	748534.19	4351621.00
0.05550	746434.19	4351721.00	0.05416	746534.19	4351721.00
0.08903	746634.19	4351721.00	0.06085	747334.19	4351721.00

*** AERMOD - VERSION 22112 *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler Operational HRA
 *** 12:47:22

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE
 GROUP: STCK2 ***
 INCLUDING SOURCE(S): STCK2 ,

*** 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					
0.06813	747434.19	4351721.00	0.06197	747534.19	4351721.00
0.10333	747634.19	4351721.00	0.08149	747734.19	4351721.00
0.19224	747834.19	4351721.00	0.13529	747934.19	4351721.00

	748034.19	4351721.00	0.31819	748134.19	4351721.00
0.65206					
	748234.19	4351721.00	1.64647	748334.19	4351721.00
4.77489					
	748534.19	4351721.00	1.35136	748634.19	4351721.00
0.96831					
	746434.19	4351821.00	0.05198	746534.19	4351821.00
0.05801					
	746634.19	4351821.00	0.05558	747334.19	4351821.00
0.09755					
	747434.19	4351821.00	0.10476	747534.19	4351821.00
0.08249					
	747634.19	4351821.00	0.08353	747734.19	4351821.00
0.10153					
	747834.19	4351821.00	0.13440	747934.19	4351821.00
0.19410					
	748034.19	4351821.00	0.33047	748134.19	4351821.00
0.61249					
	748234.19	4351821.00	1.38132	748534.19	4351821.00
1.97799					
	748634.19	4351821.00	1.42254	746434.19	4351921.00
0.04709					
	746534.19	4351921.00	0.05099	746634.19	4351921.00
0.05119					
	747334.19	4351921.00	0.09721	747434.19	4351921.00
0.10071					
	747534.19	4351921.00	0.11140	747634.19	4351921.00
0.07906					
	747734.19	4351921.00	0.09148	747834.19	4351921.00
0.11973					
	747934.19	4351921.00	0.18029	748034.19	4351921.00
0.30211					
	748134.19	4351921.00	0.53950	748234.19	4351921.00
1.25072					
	748549.88	4351948.46	2.54725	749034.19	4351921.00
0.24586					
	749134.19	4351921.00	0.23533	749234.19	4351921.00
0.22314					
	749334.19	4351921.00	0.32125	749434.19	4351921.00
0.03668					
	749534.19	4351921.00	0.02178	749634.19	4351921.00
0.10494					
	746434.19	4352021.00	0.04386	746534.19	4352021.00
0.04597					
	746634.19	4352021.00	0.04761	747334.19	4352021.00
0.08455					
	747434.19	4352021.00	0.09208	747534.19	4352021.00
0.09796					
	747634.19	4352021.00	0.06839	747734.19	4352021.00
0.07870					
	747834.19	4352021.00	0.10264	747934.19	4352021.00
0.15381					
	748034.19	4352021.00	0.24401	748134.19	4352021.00
0.41906					
	748234.19	4352021.00	0.84554	749034.19	4352021.00
0.25005					
	749134.19	4352021.00	0.19045	749234.19	4352021.00
0.18825					
	749334.19	4352021.00	0.36129	749434.19	4352021.00
0.09128					
	749534.19	4352021.00	0.05196	749634.19	4352021.00

0.24353	746434.19	4352121.00	0.04114	746534.19	4352121.00
0.04267	746634.19	4352121.00	0.04449	747334.19	4352121.00
0.07644	747434.19	4352121.00	0.08844	747534.19	4352121.00
0.09608	747634.19	4352121.00	0.08167	747734.19	4352121.00
0.07959	747834.19	4352121.00	0.10228	747934.19	4352121.00
0.16362	748034.19	4352121.00	0.24239	748134.19	4352121.00
0.36791					

*** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler Operational HRA
 *** 12:47:22

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*** MODELOPTs: RegDFault CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE

GROUP: STCK2 ***

INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

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

0.75051	748234.19	4352121.00	0.68906	748834.19	4352121.00
0.24423	748934.19	4352121.00	0.40583	749034.19	4352121.00
0.15291	749134.19	4352121.00	0.17554	749234.19	4352121.00
0.40260	749334.19	4352121.00	0.17220	749434.19	4352121.00
0.27156	749534.19	4352121.00	0.15912	749634.19	4352121.00
0.04078	746434.19	4352221.00	0.03931	746534.19	4352221.00
0.07273	746634.19	4352221.00	0.04248	747334.19	4352221.00
0.09150	747434.19	4352221.00	0.08487	747534.19	4352221.00
0.10384	747634.19	4352221.00	0.10151	747734.19	4352221.00
0.20341	747834.19	4352221.00	0.13969	747934.19	4352221.00
0.41008	748034.19	4352221.00	0.27754	748134.19	4352221.00
2.38609	748234.19	4352221.00	0.62706	748334.19	4352221.00
1.85942	748634.19	4352221.00	4.94549	748734.19	4352221.00
	748834.19	4352221.00	0.84772	748934.19	4352221.00

0.45111					
	749034.19	4352221.00	0.27208	749134.19	4352221.00
0.19716					
	749234.19	4352221.00	0.16754	749334.19	4352221.00
0.19128					
	749434.19	4352221.00	0.31484	749534.19	4352221.00
0.36941					
	749634.19	4352221.00	0.21524	747534.19	4352321.00
0.08265					
	747634.19	4352321.00	0.07942	747734.19	4352321.00
0.10312					
	747834.19	4352321.00	0.15197	747934.19	4352321.00
0.19410					
	748034.19	4352321.00	0.28851	748134.19	4352321.00
0.42828					
	748234.19	4352321.00	0.57401	748316.40	4352317.66
1.28299					
	748653.16	4352331.51	5.41876	748734.19	4352321.00
2.21406					
	748834.19	4352321.00	1.07071	748934.19	4352321.00
0.57531					
	749034.19	4352321.00	0.35974	749134.19	4352321.00
0.26116					
	749234.19	4352321.00	0.21324	749334.19	4352321.00
0.19632					
	749434.19	4352321.00	0.26346	749534.19	4352321.00
0.27643					
	749634.19	4352321.00	0.18453	747534.19	4352421.00
0.05259					
	747634.19	4352421.00	0.06405	747734.19	4352421.00
0.11005					
	747834.19	4352421.00	0.14564	747934.19	4352421.00
0.18986					
	748734.19	4352421.00	2.53317	748834.19	4352421.00
1.26390					
	748934.19	4352421.00	0.76372	749034.19	4352421.00
0.49917					
	749134.19	4352421.00	0.36090	749234.19	4352421.00
0.28634					
	749334.19	4352421.00	0.24375	749434.19	4352421.00
0.24886					
	749534.19	4352421.00	0.22267	749634.19	4352421.00
0.20509					
	747634.19	4352521.00	0.09953	747734.19	4352521.00
0.11817					
	747834.19	4352521.00	0.14864	747934.19	4352521.00
0.18854					
	748134.19	4352521.00	0.26159	748234.19	4352521.00
0.52507					
	748314.18	4352541.00	1.11140	748734.19	4352521.00
2.96004					
	748834.19	4352521.00	1.43247	748934.19	4352521.00

0.93994
 ▲ *** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler Operational HRA
 *** 12:47:22

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

GROUP: STCK2 *** *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE

INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

CONC	X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)
0.48533	749034.19	4352521.00	0.66096	749134.19	4352521.00
0.30842	749234.19	4352521.00	0.37574	749334.19	4352521.00
0.29543	749434.19	4352521.00	0.30266	749534.19	4352521.00
0.10385	749634.19	4352521.00	0.23345	747634.19	4352621.00
0.14989	747734.19	4352621.00	0.12210	747834.19	4352621.00
0.82126	748134.19	4352621.00	0.48049	748234.19	4352621.00
3.03809	748334.19	4352621.00	1.76273	748734.19	4352621.00
1.09171	748834.19	4352621.00	1.67342	748934.19	4352621.00
0.09615	749034.19	4352621.00	0.81043	747634.19	4352721.00
0.16852	747734.19	4352721.00	0.12017	747834.19	4352721.00
0.32212	747934.19	4352721.00	0.21745	748034.19	4352721.00
0.84380	748134.19	4352721.00	0.50958	748234.19	4352721.00
4.30046	748334.19	4352721.00	1.52229	748643.08	4352725.44
1.92676	748734.19	4352721.00	3.06158	748834.19	4352721.00
0.93454	748934.19	4352721.00	1.24700	749034.19	4352721.00
0.11530	747634.19	4352821.00	0.09580	747734.19	4352821.00
0.22628	747834.19	4352821.00	0.15229	747934.19	4352821.00
0.52399	748034.19	4352821.00	0.36753	748134.19	4352821.00
1.41374	748234.19	4352821.00	0.78573	748334.19	4352821.00
3.23454	748634.19	4352821.00	4.26441	748734.19	4352821.00
1.44332	748834.19	4352821.00	2.17238	748934.19	4352821.00
0.09669	749034.19	4352821.00	1.04452	747634.19	4352921.00
0.15849	747734.19	4352921.00	0.11930	747834.19	4352921.00
0.30961	747934.19	4352921.00	0.21837	748034.19	4352921.00

	748134.19	4352921.00	0.47567	748234.19	4352921.00
0.74564	748334.19	4352921.00	1.42916	748434.19	4352921.00
2.56662	748534.19	4352921.00	3.75998	748634.19	4352921.00
4.24673	748734.19	4352921.00	3.48121	748834.19	4352921.00
2.44441	748934.19	4352921.00	1.67081	749034.19	4352921.00
1.17826	747634.19	4353021.00	0.09949	747734.19	4353021.00
0.12594	747834.19	4353021.00	0.16653	747934.19	4353021.00
0.22432	748034.19	4353021.00	0.30966	748134.19	4353021.00
0.44186	748234.19	4353021.00	0.66048	748334.19	4353021.00
1.13939	748434.19	4353021.00	2.13964	748534.19	4353021.00
3.51510	748634.19	4353021.00	4.20639	748734.19	4353021.00
3.70959	748834.19	4353021.00	2.73425	748934.19	4353021.00
1.91906	747634.19	4353121.00	0.10418	747734.19	4353121.00
0.13326	747834.19	4353121.00	0.17316	747934.19	4353121.00
0.22799	748034.19	4353121.00	0.30775	748134.19	4353121.00
0.43117	748234.19	4353121.00	0.63844	748334.19	4353121.00
1.07678					

*** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler Operational HRA
 *** 12:47:22

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE

GROUP: STCK2 ***

INCLUDING SOURCE(S): STCK2 ,

*** 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					
	748434.19	4353121.00	1.99797	748534.19	4353121.00
3.28545	748634.19	4353121.00	4.10132	748734.19	4353121.00
3.85968	748834.19	4353121.00	3.00191	748934.19	4353121.00
2.16976	747634.19	4353221.00	0.10989	747734.19	4353221.00
0.13960					

	747834.19	4353221.00	0.17836	747934.19	4353221.00
0.23102	748034.19	4353221.00	0.30748	748134.19	4353221.00
0.42375	748234.19	4353221.00	0.62110	748334.19	4353221.00
1.03557	748434.19	4353221.00	1.87596	748534.19	4353221.00
3.06476	748634.19	4353221.00	3.94121	748734.19	4353221.00
3.92053	748834.19	4353221.00	3.22035	748934.19	4353221.00
2.40739	747634.19	4353321.00	0.11551	747734.19	4353321.00
0.14462	747834.19	4353321.00	0.18216	747934.19	4353321.00
0.23325	748034.19	4353321.00	0.30594	748134.19	4353321.00
0.41498	748234.19	4353321.00	0.60484	748334.19	4353321.00
0.99800	748434.19	4353321.00	1.76443	748534.19	4353321.00
2.85276	748634.19	4353321.00	3.74559	748734.19	4353321.00
3.90067	748834.19	4353321.00	3.37272	748934.19	4353321.00
2.61846	748134.19	4353421.00	0.40932	748234.19	4353421.00
0.59215	748334.19	4353421.00	0.96188	748434.19	4353421.00
1.66068	748534.19	4353421.00	2.65257	748634.19	4353421.00
3.53281	748734.19	4353421.00	3.82003	748834.19	4353421.00
3.46129	748934.19	4353421.00	2.79325	748134.19	4353521.00
0.40378	748234.19	4353521.00	0.57951	748334.19	4353521.00
0.92688	748434.19	4353521.00	1.56409	748534.19	4353521.00
2.46585	748634.19	4353521.00	3.31531	748734.19	4353521.00
3.69567	748834.19	4353521.00	3.48716	748934.19	4353521.00
2.91630	748134.19	4353621.00	0.39789	748234.19	4353621.00
0.56695	748334.19	4353621.00	0.89278	748434.19	4353621.00
1.47351	748534.19	4353621.00	2.29302	748634.19	4353621.00
3.10155	748734.19	4353621.00	3.54283	748834.19	4353621.00
3.46061	748934.19	4353621.00	2.99778	748134.19	4353721.00
0.39174	748234.19	4353721.00	0.55417	748334.19	4353721.00
0.85937	748434.19	4353721.00	1.38951	748534.19	4353721.00
2.13474	748634.19	4353721.00	2.89691	748734.19	4353721.00
3.37456	748834.19	4353721.00	3.39696	748934.19	4353721.00

3.04154	748134.19	4353821.00	0.38543	748234.19	4353821.00
0.54116	748334.19	4353821.00	0.82679	748434.19	4353821.00
1.31185	748534.19	4353821.00	1.98999	748634.19	4353821.00
2.70371	748734.19	4353821.00	3.19938	748834.19	4353821.00
3.30589	748934.19	4353821.00	3.04994	748584.52	4352211.05

10.57111
 *** AERMOD - VERSION 22112 *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler Operational HRA
 *** 12:47:22

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*** MODELOPTS: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE

GROUP: STCK2 ***

INCLUDING SOURCE(S): STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

CONC	X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)
10.93515	748617.59	4352190.26	5.52743	748591.14	4352250.73
7.86047	748669.56	4352215.77	3.33549	748616.64	4352277.19
6.93864	748690.34	4352249.78	2.93699	748642.16	4352387.73
0.89424	748768.76	4352459.53	1.99455	748812.23	4352155.30
6.71913	748804.67	4352253.56	1.13524	748392.72	4352234.67
1.56124	748369.10	4352211.99	4.60242	748306.74	4352223.33
1.24516	748795.22	4352195.93	1.06816	748287.59	4352207.74
0.89654	748280.37	4352178.03	1.17788	748261.09	4352145.90
0.80201	748232.18	4352102.53	0.69347	748241.81	4352072.82
1.19925	748278.76	4352046.31	1.26135	748269.12	4352021.42
1.71351	748281.17	4352000.53	1.44770	748278.76	4351958.77
3.05019	748286.79	4351937.09	2.21310	748300.44	4351917.81
2.63890	748500.42	4351912.19	2.68538	748500.42	4351883.28
3.59699	748475.48	4351831.50	3.04909	748469.81	4351799.37
	748499.10	4351778.59	2.09807	748495.32	4351718.11

2.00977					
	748507.61	4351744.57	1.86499	748541.62	4351865.51
2.40436					
	748504.77	4351644.41	1.42418	748509.50	4351615.12
1.22798					
	748318.63	4351677.48	3.67851	748457.53	4351557.49
1.39363					
	748321.47	4351642.52	3.08211	748344.14	4351584.89
2.40737					
	748347.92	4351551.82	2.02301	748108.92	4351572.77
0.54153					
	748036.17	4351387.56	0.33882	748033.33	4351360.16
0.32702					
	748055.06	4351291.18	0.32252	748064.51	4351268.50
0.31933					
	748083.41	4351244.88	0.31960	748090.03	4351220.31
0.30747					
	748307.36	4351257.50	0.48365	748368.87	4351208.17
0.40263					
	748336.38	4351195.40	0.35210	748381.64	4351190.18
0.36394					
	748421.68	4351187.28	0.37948	748464.62	4351182.06
0.33967					
	748470.43	4351237.19	0.49457	748419.36	4351230.80
0.44061					
	748380.48	4351293.48	0.59261	748365.39	4351278.39
0.54469					
	748197.10	4351361.95	0.65911	748210.45	4351328.29
0.61317					
	748216.83	4351289.41	0.50760	748203.25	4351380.93
0.73004					
	748225.78	4351410.97	0.86613	748428.09	4351922.02
64.22778					
	748417.57	4351907.07	36.55923	748422.00	4351896.54
26.93042					
	748433.08	4351908.73	19.14064	748402.06	4351875.50
27.87288					
	748409.67	4352024.65	19.02260	748425.96	4352031.17
49.81957					
	748427.92	4352055.93	57.80871	748446.82	4352063.10
80.78650					

*** AERMOD - VERSION 22112 *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler Operational HRA
 *** 12:47:22

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE

GROUP: ALL ***

INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** 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					

- - - - -	747334.19	4349821.00	0.07513	747434.19	4349821.00
0.08050	747534.19	4349821.00	0.08446	747634.19	4349821.00
0.08831	747734.19	4349821.00	0.09018	747834.19	4349821.00
0.08979	747934.19	4349821.00	0.08581	748034.19	4349821.00
0.07929	748134.19	4349821.00	0.07096	748234.19	4349821.00
0.06220	748334.19	4349821.00	0.05340	748434.19	4349821.00
0.04457	747334.19	4349921.00	0.07762	747434.19	4349921.00
0.08568	747534.19	4349921.00	0.09207	747634.19	4349921.00
0.09630	747734.19	4349921.00	0.09898	747834.19	4349921.00
0.09866	747934.19	4349921.00	0.09457	748034.19	4349921.00
0.08819	748134.19	4349921.00	0.07882	748234.19	4349921.00
0.06916	748334.19	4349921.00	0.05885	748434.19	4349921.00
0.04851	747334.19	4350021.00	0.07883	747434.19	4350021.00
0.08834	747534.19	4350021.00	0.09700	747634.19	4350021.00
0.10363	747734.19	4350021.00	0.10721	747834.19	4350021.00
0.10775	747934.19	4350021.00	0.10404	748034.19	4350021.00
0.09747	748134.19	4350021.00	0.08933	748234.19	4350021.00
0.07867	748334.19	4350021.00	0.06653	748434.19	4350021.00
0.05377	747334.19	4350121.00	0.07983	747434.19	4350121.00
0.09058	747534.19	4350121.00	0.10137	747634.19	4350121.00
0.10982	747734.19	4350121.00	0.11541	747834.19	4350121.00
0.11742	747934.19	4350121.00	0.11399	748034.19	4350121.00
0.10926	748134.19	4350121.00	0.09970	748234.19	4350121.00
0.08796	748334.19	4350121.00	0.07457	748434.19	4350121.00
0.06079	747334.19	4350221.00	0.08170	747434.19	4350221.00
0.09335	747534.19	4350221.00	0.10560	747634.19	4350221.00
0.11635	747734.19	4350221.00	0.12346	747834.19	4350221.00
0.12613	747934.19	4350221.00	0.12381	748034.19	4350221.00
0.11983	748134.19	4350221.00	0.11423	748234.19	4350221.00
0.10151	748334.19	4350221.00	0.08699	748434.19	4350221.00
0.07025					

0.09599	747334.19	4350321.00	0.08257	747434.19	4350321.00
0.12317	747534.19	4350321.00	0.10996	747634.19	4350321.00
0.13542	747734.19	4350321.00	0.13174	747834.19	4350321.00
0.13457	747934.19	4350321.00	0.13631	748034.19	4350321.00
0.11615	748134.19	4350321.00	0.12882	748234.19	4350321.00
0.08136	748334.19	4350321.00	0.10013	748434.19	4350321.00
0.09780	747334.19	4350421.00	0.08218	747434.19	4350421.00
0.13119	747534.19	4350421.00	0.11528	747634.19	4350421.00
0.14827	747734.19	4350421.00	0.14212	747834.19	4350421.00
0.14810	747934.19	4350421.00	0.15048	748034.19	4350421.00

*** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler Operational HRA
 *** 12:47:22

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE
 GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 ,
 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

CONC	X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)
0.13345	748134.19	4350421.00	0.14307	748234.19	4350421.00
0.09418	748334.19	4350421.00	0.11547	748434.19	4350421.00
0.10053	747334.19	4350521.00	0.08267	747434.19	4350521.00
0.13896	747534.19	4350521.00	0.11989	747634.19	4350521.00
0.16701	747734.19	4350521.00	0.15650	747834.19	4350521.00
0.16264	747934.19	4350521.00	0.16749	748034.19	4350521.00
0.14874	748134.19	4350521.00	0.15852	748234.19	4350521.00
0.10959	748334.19	4350521.00	0.13338	748434.19	4350521.00
0.10346	747334.19	4350621.00	0.08369	747434.19	4350621.00
0.14796	747534.19	4350621.00	0.12540	747634.19	4350621.00

0.18557	747734.19	4350621.00	0.16957	747834.19	4350621.00
0.18530	747934.19	4350621.00	0.19209	748034.19	4350621.00
0.16792	748134.19	4350621.00	0.17751	748234.19	4350621.00
0.12705	748334.19	4350621.00	0.15460	748434.19	4350621.00
0.10584	747334.19	4350721.00	0.08523	747434.19	4350721.00
0.15284	747534.19	4350721.00	0.12789	747634.19	4350721.00
0.20405	747734.19	4350721.00	0.17942	747834.19	4350721.00
0.21686	747934.19	4350721.00	0.21868	748034.19	4350721.00
0.19644	748134.19	4350721.00	0.20610	748234.19	4350721.00
0.14903	748334.19	4350721.00	0.17858	748434.19	4350721.00
0.10713	747334.19	4350821.00	0.08712	747434.19	4350821.00
0.15346	747534.19	4350821.00	0.12881	747634.19	4350821.00
0.22380	747734.19	4350821.00	0.18660	747834.19	4350821.00
0.25756	747934.19	4350821.00	0.25069	748034.19	4350821.00
0.23479	748134.19	4350821.00	0.24669	748234.19	4350821.00
0.17622	748334.19	4350821.00	0.21213	748434.19	4350821.00
0.10705	747334.19	4350921.00	0.08856	747434.19	4350921.00
0.15457	747534.19	4350921.00	0.12806	747634.19	4350921.00
0.24262	747734.19	4350921.00	0.19383	747834.19	4350921.00
0.31247	747934.19	4350921.00	0.29035	748034.19	4350921.00
0.29351	748134.19	4350921.00	0.31166	748234.19	4350921.00
0.21455	748334.19	4350921.00	0.25881	748434.19	4350921.00
0.10624	747334.19	4351021.00	0.09029	747434.19	4351021.00
0.15261	747534.19	4351021.00	0.12423	747634.19	4351021.00
0.25767	747734.19	4351021.00	0.19866	747834.19	4351021.00
0.38281	747934.19	4351021.00	0.32823	748034.19	4351021.00
0.26664	748334.19	4351021.00	0.32061	748434.19	4351021.00
0.25190	748534.19	4351021.00	0.25426	748634.19	4351021.00
0.10498	747334.19	4351121.00	0.09127	747434.19	4351121.00
0.15191	747534.19	4351121.00	0.12212	747634.19	4351121.00

▲ *** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass

Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** *** NCSB Biomass Boiler Operational HRA
 *** 12:47:22

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE
 GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

CONC	X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)
0.27601	747734.19	4351121.00	0.20356	747834.19	4351121.00
0.46044	747934.19	4351121.00	0.36962	748034.19	4351121.00
0.54043	748334.19	4351121.00	0.43674	748434.19	4351121.00
0.55703	748534.19	4351121.00	0.49858	748634.19	4351121.00
0.10347	747334.19	4351221.00	0.09296	747434.19	4351221.00
0.15212	747534.19	4351221.00	0.12073	747634.19	4351221.00
0.28477	747734.19	4351221.00	0.20289	747834.19	4351221.00
0.54732	747934.19	4351221.00	0.40354	748034.19	4351221.00
0.71634	748134.19	4351221.00	0.66026	748234.19	4351221.00
0.89232	748434.19	4351221.00	0.85282	748634.19	4351221.00
0.10437	747334.19	4351321.00	0.09431	747434.19	4351321.00
0.15186	747534.19	4351321.00	0.12141	747634.19	4351321.00
0.28261	747734.19	4351321.00	0.20015	747834.19	4351321.00
0.63122	747934.19	4351321.00	0.42442	748034.19	4351321.00
1.58645	748234.19	4351321.00	1.30705	748334.19	4351321.00
0.06112	748434.19	4351321.00	1.58541	746434.19	4351421.00
0.06217	746534.19	4351421.00	0.06091	746634.19	4351421.00
0.10693	747334.19	4351421.00	0.09650	747434.19	4351421.00
0.15248	747534.19	4351421.00	0.12354	747634.19	4351421.00
0.27646	747734.19	4351421.00	0.19883	747834.19	4351421.00
	747934.19	4351421.00	0.42774	748034.19	4351421.00

0.68961					
	748234.19	4351421.00	1.82132	748334.19	4351421.00
2.55196					
	746434.19	4351521.00	0.09132	746534.19	4351521.00
0.09062					
	746634.19	4351521.00	0.08277	747334.19	4351521.00
0.10190					
	747434.19	4351521.00	0.11204	747534.19	4351521.00
0.12855					
	747634.19	4351521.00	0.15640	747734.19	4351521.00
0.19797					
	747834.19	4351521.00	0.26971	747934.19	4351521.00
0.41054					
	748034.19	4351521.00	0.68751	748103.00	4351532.34
1.04254					
	748083.00	4351484.15	0.91540	748334.19	4351521.00
3.46952					
	748451.19	4351515.33	2.43833	748534.19	4351521.00
1.61170					
	748634.19	4351521.00	0.89222	746434.19	4351621.00
0.09661					
	746534.19	4351621.00	0.10217	746634.19	4351621.00
0.10831					
	747334.19	4351621.00	0.12118	747434.19	4351621.00
0.11897					
	747534.19	4351621.00	0.13343	747634.19	4351621.00
0.15941					
	747734.19	4351621.00	0.20063	747834.19	4351621.00
0.26640					
	747934.19	4351621.00	0.39304	748034.19	4351621.00
0.65095					
	748073.71	4351672.02	0.82121	748234.19	4351621.00
3.06340					
	748334.19	4351621.00	5.74925	748534.19	4351621.00
2.02726					
	746434.19	4351721.00	0.10857	746534.19	4351721.00
0.11124					
	746634.19	4351721.00	0.12199	747334.19	4351721.00
0.17870					
*** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass Boiler C *** 02/08/23 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler Operational HRA *** 12:47:22					

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*** MODELOPTS: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE

GROUP: ALL ***

INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

CONC	X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)
	747434.19	4351721.00	0.12413	747534.19	4351721.00

0.13644	747634.19	4351721.00	0.16320	747734.19	4351721.00
0.20693	747834.19	4351721.00	0.27087	747934.19	4351721.00
0.38460	748034.19	4351721.00	0.63621	748134.19	4351721.00
1.30613	748234.19	4351721.00	3.30866	748334.19	4351721.00
9.59146	748534.19	4351721.00	2.68933	748634.19	4351721.00
1.91768	746434.19	4351821.00	0.10389	746534.19	4351821.00
0.11589	746634.19	4351821.00	0.11114	747334.19	4351821.00
0.19513	747434.19	4351821.00	0.21012	747534.19	4351821.00
0.16554	747634.19	4351821.00	0.16732	747734.19	4351821.00
0.20329	747834.19	4351821.00	0.26902	747934.19	4351821.00
0.38813	748034.19	4351821.00	0.65913	748134.19	4351821.00
1.21958	748234.19	4351821.00	2.75930	748534.19	4351821.00
3.92325	748634.19	4351821.00	2.80974	746434.19	4351921.00
0.09417	746534.19	4351921.00	0.10194	746634.19	4351921.00
0.10237	747334.19	4351921.00	0.19487	747434.19	4351921.00
0.20147	747534.19	4351921.00	0.22344	747634.19	4351921.00
0.15839	747734.19	4351921.00	0.18315	747834.19	4351921.00
0.23962	747934.19	4351921.00	0.36064	748034.19	4351921.00
0.60395	748134.19	4351921.00	1.07662	748234.19	4351921.00
2.49258	748549.88	4351948.46	5.08873	749034.19	4351921.00
0.49082	749134.19	4351921.00	0.47017	749234.19	4351921.00
0.44450	749334.19	4351921.00	0.64381	749434.19	4351921.00
0.07403	749534.19	4351921.00	0.04371	749634.19	4351921.00
0.21195	746434.19	4352021.00	0.08771	746534.19	4352021.00
0.09194	746634.19	4352021.00	0.09522	747334.19	4352021.00
0.16903	747434.19	4352021.00	0.18440	747534.19	4352021.00
0.19640	747634.19	4352021.00	0.13695	747734.19	4352021.00
0.15752	747834.19	4352021.00	0.20540	747934.19	4352021.00
0.30783	748034.19	4352021.00	0.48835	748134.19	4352021.00
0.83874	748234.19	4352021.00	1.69449	749034.19	4352021.00
0.50002					

0.37584	749134.19	4352021.00	0.38048	749234.19	4352021.00
0.18508	749334.19	4352021.00	0.71947	749434.19	4352021.00
0.48908	749534.19	4352021.00	0.10509	749634.19	4352021.00
0.08534	746434.19	4352121.00	0.08228	746534.19	4352121.00
0.15288	746634.19	4352121.00	0.08899	747334.19	4352121.00
0.19227	747434.19	4352121.00	0.17726	747534.19	4352121.00
0.15953	747634.19	4352121.00	0.16396	747734.19	4352121.00
0.32844	747834.19	4352121.00	0.20502	747934.19	4352121.00
0.73834	748034.19	4352121.00	0.48641	748134.19	4352121.00

*** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler Operational HRA
 *** 12:47:22

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE

GROUP: ALL ***

INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

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

1.50460	748234.19	4352121.00	1.38639	748834.19	4352121.00
0.48847	748934.19	4352121.00	0.81189	749034.19	4352121.00
0.30580	749134.19	4352121.00	0.35113	749234.19	4352121.00
0.80495	749334.19	4352121.00	0.34453	749434.19	4352121.00
0.54104	749534.19	4352121.00	0.32216	749634.19	4352121.00
0.08157	746434.19	4352221.00	0.07863	746534.19	4352221.00
0.14547	746634.19	4352221.00	0.08496	747334.19	4352221.00
0.18306	747434.19	4352221.00	0.17016	747534.19	4352221.00
0.20854	747634.19	4352221.00	0.20362	747734.19	4352221.00
0.40781	747834.19	4352221.00	0.28044	747934.19	4352221.00
0.82505	748034.19	4352221.00	0.55702	748134.19	4352221.00

4.82231	748234.19	4352221.00	1.26313	748334.19	4352221.00
3.75875	748634.19	4352221.00	9.97777	748734.19	4352221.00
0.90562	748834.19	4352221.00	1.70824	748934.19	4352221.00
0.39451	749034.19	4352221.00	0.54494	749134.19	4352221.00
0.38106	749234.19	4352221.00	0.33515	749334.19	4352221.00
0.73717	749434.19	4352221.00	0.62610	749534.19	4352221.00
0.16579	749634.19	4352221.00	0.42862	747534.19	4352321.00
0.20709	747634.19	4352321.00	0.15948	747734.19	4352321.00
0.38864	747834.19	4352321.00	0.30432	747934.19	4352321.00
0.86087	748034.19	4352321.00	0.57803	748134.19	4352321.00
2.58299	748234.19	4352321.00	1.15625	748316.40	4352317.66
4.45122	748653.16	4352331.51	10.86484	748734.19	4352321.00
1.15402	748834.19	4352321.00	2.15255	748934.19	4352321.00
0.52252	749034.19	4352321.00	0.72031	749134.19	4352321.00
0.39234	749234.19	4352321.00	0.42656	749334.19	4352321.00
0.55009	749434.19	4352321.00	0.52434	749534.19	4352321.00
0.10551	749634.19	4352321.00	0.36893	747534.19	4352421.00
0.22087	747634.19	4352421.00	0.12854	747734.19	4352421.00
0.38019	747834.19	4352421.00	0.29160	747934.19	4352421.00
2.53268	748734.19	4352421.00	5.07471	748834.19	4352421.00
0.99846	748934.19	4352421.00	1.52878	749034.19	4352421.00
0.57255	749134.19	4352421.00	0.72164	749234.19	4352421.00
0.49713	749334.19	4352421.00	0.48730	749434.19	4352421.00
0.41015	749534.19	4352421.00	0.44513	749634.19	4352421.00
0.23680	747634.19	4352521.00	0.19924	747734.19	4352521.00
0.37768	747834.19	4352521.00	0.29799	747934.19	4352521.00
1.05689	748134.19	4352521.00	0.52638	748234.19	4352521.00
5.92128	748314.18	4352541.00	2.24414	748734.19	4352521.00
1.87887	748834.19	4352521.00	2.86411	748934.19	4352521.00

*** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler Operational HRA

*** 12:47:22

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE
GROUP: ALL ***

INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

CONC	X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)
0.96999	749034.19	4352521.00	1.32098	749134.19	4352521.00
0.61653	749234.19	4352521.00	0.75105	749334.19	4352521.00
0.58857	749434.19	4352521.00	0.60372	749534.19	4352521.00
0.20776	749634.19	4352521.00	0.46692	747634.19	4352621.00
0.30047	747734.19	4352621.00	0.24431	747834.19	4352621.00
1.65486	748134.19	4352621.00	0.96791	748234.19	4352621.00
6.07390	748334.19	4352621.00	3.55325	748734.19	4352621.00
2.18095	748834.19	4352621.00	3.34239	748934.19	4352621.00
0.19247	749034.19	4352621.00	1.61913	747634.19	4352721.00
0.33720	747734.19	4352721.00	0.24052	747834.19	4352721.00
0.64611	747934.19	4352721.00	0.43656	748034.19	4352721.00
1.69140	748134.19	4352721.00	1.02137	748234.19	4352721.00
8.59652	748334.19	4352721.00	3.05503	748643.08	4352725.44
3.84776	748734.19	4352721.00	6.11552	748834.19	4352721.00
1.86680	748934.19	4352721.00	2.49007	749034.19	4352721.00
0.23092	747634.19	4352821.00	0.19178	747734.19	4352821.00
0.45340	747834.19	4352821.00	0.30518	747934.19	4352821.00
1.05246	748034.19	4352821.00	0.73570	748134.19	4352821.00
2.84409	748234.19	4352821.00	1.57762	748334.19	4352821.00
6.45863	748634.19	4352821.00	8.52444	748734.19	4352821.00
2.88149	748834.19	4352821.00	4.33707	748934.19	4352821.00
	749034.19	4352821.00	2.08611	747634.19	4352921.00

0.19360	747734.19	4352921.00	0.23902	747834.19	4352921.00
0.31768	747934.19	4352921.00	0.43773	748034.19	4352921.00
0.62059	748134.19	4352921.00	0.95314	748234.19	4352921.00
1.49426	748334.19	4352921.00	2.87770	748434.19	4352921.00
5.14338	748534.19	4352921.00	7.53501	748634.19	4352921.00
8.49099	748734.19	4352921.00	6.95128	748834.19	4352921.00
4.87947	748934.19	4352921.00	3.33537	749034.19	4352921.00
2.35269	747634.19	4353021.00	0.19927	747734.19	4353021.00
0.25236	747834.19	4353021.00	0.33375	747934.19	4353021.00
0.44957	748034.19	4353021.00	0.62064	748134.19	4353021.00
0.88575	748234.19	4353021.00	1.32474	748334.19	4353021.00
2.28752	748434.19	4353021.00	4.29578	748534.19	4353021.00
7.04530	748634.19	4353021.00	8.41311	748734.19	4353021.00
7.40894	748834.19	4353021.00	5.45822	748934.19	4353021.00
3.83087	747634.19	4353121.00	0.20870	747734.19	4353121.00
0.26703	747834.19	4353121.00	0.34698	747934.19	4353121.00
0.45685	748034.19	4353121.00	0.61677	748134.19	4353121.00
0.86427	748234.19	4353121.00	1.28054	748334.19	4353121.00
2.16188					

▲ *** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler Operational HRA
 *** 12:47:22

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE

GROUP: ALL ***

 INCLUDING SOURCE(S): STCK1 , STCK2 ,

 *** 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					
- - - - -					
	748434.19	4353121.00	4.01096	748534.19	4353121.00
6.58562	748634.19	4353121.00	8.20550	748734.19	4353121.00

7.71103					
	748834.19	4353121.00	5.99339	748934.19	4353121.00
4.33152					
	747634.19	4353221.00	0.22015	747734.19	4353221.00
0.27970					
	747834.19	4353221.00	0.35734	747934.19	4353221.00
0.46287					
	748034.19	4353221.00	0.61615	748134.19	4353221.00
0.84934					
	748234.19	4353221.00	1.24575	748334.19	4353221.00
2.07887					
	748434.19	4353221.00	3.76549	748534.19	4353221.00
6.14357					
	748634.19	4353221.00	7.88717	748734.19	4353221.00
7.83501					
	748834.19	4353221.00	6.43077	748934.19	4353221.00
4.80632					
	747634.19	4353321.00	0.23140	747734.19	4353321.00
0.28970					
	747834.19	4353321.00	0.36492	747934.19	4353321.00
0.46730					
	748034.19	4353321.00	0.61302	748134.19	4353321.00
0.83172					
	748234.19	4353321.00	1.21309	748334.19	4353321.00
2.00315					
	748434.19	4353321.00	3.54108	748534.19	4353321.00
5.71871					
	748634.19	4353321.00	7.49723	748734.19	4353321.00
7.79750					
	748834.19	4353321.00	6.73656	748934.19	4353321.00
5.22831					
	748134.19	4353421.00	0.82034	748234.19	4353421.00
1.18755					
	748334.19	4353421.00	1.93038	748434.19	4353421.00
3.33237					
	748534.19	4353421.00	5.31742	748634.19	4353421.00
7.07249					
	748734.19	4353421.00	7.63819	748834.19	4353421.00
6.91503					
	748934.19	4353421.00	5.57807	748134.19	4353521.00
0.80920					
	748234.19	4353521.00	1.16213	748334.19	4353521.00
1.85986					
	748434.19	4353521.00	3.13812	748534.19	4353521.00
4.94304					
	748634.19	4353521.00	6.63791	748734.19	4353521.00
7.39113					
	748834.19	4353521.00	6.96823	748934.19	4353521.00
5.82472					
	748134.19	4353621.00	0.79736	748234.19	4353621.00
1.13686					
	748334.19	4353621.00	1.79118	748434.19	4353621.00
2.95599					
	748534.19	4353621.00	4.59648	748634.19	4353621.00
6.21055					
	748734.19	4353621.00	7.08676	748834.19	4353621.00
6.91660					
	748934.19	4353621.00	5.98845	748134.19	4353721.00
0.78500					
	748234.19	4353721.00	1.11115	748334.19	4353721.00
1.72393					

4.27906	748434.19	4353721.00	2.78715	748534.19	4353721.00
6.75123	748634.19	4353721.00	5.80121	748734.19	4353721.00
6.07686	748834.19	4353721.00	6.79064	748934.19	4353721.00
1.08499	748134.19	4353821.00	0.77232	748234.19	4353821.00
2.63107	748334.19	4353821.00	1.65836	748434.19	4353821.00
5.41464	748534.19	4353821.00	3.98874	748634.19	4353821.00
6.60969	748734.19	4353821.00	6.40159	748834.19	4353821.00
21.21956	748934.19	4353821.00	6.09461	748584.52	4352211.05

*** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler Operational HRA
 *** 12:47:22

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE

GROUP: ALL ***

INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

CONC	X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)
21.90184	748617.59	4352190.26	11.16610	748591.14	4352250.73
15.76352	748669.56	4352215.77	6.74161	748616.64	4352277.19
13.89663	748690.34	4352249.78	5.92684	748642.16	4352387.73
1.79984	748768.76	4352459.53	3.99240	748812.23	4352155.30
13.63673	748804.67	4352253.56	2.28939	748392.72	4352234.67
3.15237	748369.10	4352211.99	9.31617	748306.74	4352223.33
2.51478	748795.22	4352195.93	2.15536	748287.59	4352207.74
1.80527	748280.37	4352178.03	2.38017	748261.09	4352145.90
1.61142	748232.18	4352102.53	1.39465	748241.81	4352072.82
2.40560	748278.76	4352046.31	2.53496	748269.12	4352021.42
3.41809	748281.17	4352000.53	2.90023	748278.76	4351958.77
6.06466	748286.79	4351937.09	4.40581	748300.44	4351917.81

5.17072	748500.42	4351912.19	5.26108	748500.42	4351883.28
7.17529	748475.48	4351831.50	6.04998	748469.81	4351799.37
4.02149	748499.10	4351778.59	4.17385	748495.32	4351718.11
4.72705	748507.61	4351744.57	3.71277	748541.62	4351865.51
2.45728	748504.77	4351644.41	2.85072	748509.50	4351615.12
2.78264	748318.63	4351677.48	7.38577	748457.53	4351557.49
4.82763	748321.47	4351642.52	6.18836	748344.14	4351584.89
1.08632	748347.92	4351551.82	4.05841	748108.92	4351572.77
0.65575	748036.17	4351387.56	0.67951	748033.33	4351360.16
0.63993	748055.06	4351291.18	0.64650	748064.51	4351268.50
0.61596	748083.41	4351244.88	0.64034	748090.03	4351220.31
0.81072	748307.36	4351257.50	0.97275	748368.87	4351208.17
0.73273	748336.38	4351195.40	0.70804	748381.64	4351190.18
0.68410	748421.68	4351187.28	0.76426	748464.62	4351182.06
0.88722	748470.43	4351237.19	0.99434	748419.36	4351230.80
1.09672	748380.48	4351293.48	1.19303	748365.39	4351278.39
1.23265	748197.10	4351361.95	1.32446	748210.45	4351328.29
1.46759	748216.83	4351289.41	1.01966	748203.25	4351380.93
124.90369	748225.78	4351410.97	1.74137	748428.09	4351922.02
52.41863	748417.57	4351907.07	70.85118	748422.00	4351896.54
55.16485	748433.08	4351908.73	36.90631	748402.06	4351875.50
104.78652	748409.67	4352024.65	41.04585	748425.96	4352031.17
163.51909	748427.92	4352055.93	119.52419	748446.82	4352063.10

*** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE
 GROUP: STCK1 ***
 INCLUDING SOURCE(S): STCK1 ,

*** 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)

3.59769	747334.19 (20012010)	4349821.00	3.73640	(20012010)	747434.19	4349821.00
2.87939	747534.19 (21083108)	4349821.00	3.11564	(20012010)	747634.19	4349821.00
3.71418	747734.19 (21022317)	4349821.00	3.14352	(21022317)	747834.19	4349821.00
3.51871	747934.19 (20120709)	4349821.00	3.17975	(21123116)	748034.19	4349821.00
2.99124	748134.19 (20030208)	4349821.00	3.50961	(20030208)	748234.19	4349821.00
2.56766	748334.19 (20072219)	4349821.00	2.94924	(21011906)	748434.19	4349821.00
3.83285	747334.19 (20012010)	4349921.00	3.77703	(20012010)	747434.19	4349921.00
2.91897	747534.19 (17021509)	4349921.00	3.48910	(20012010)	747634.19	4349921.00
4.05692	747734.19 (21022317)	4349921.00	3.36960	(17020109)	747834.19	4349921.00
4.05985	747934.19 (18011316)	4349921.00	3.49081	(21123116)	748034.19	4349921.00
3.58918	748134.19 (20030208)	4349921.00	3.97899	(18011316)	748234.19	4349921.00
2.84675	748334.19 (20072219)	4349921.00	3.27110	(21011906)	748434.19	4349921.00
3.97982	747334.19 (20012010)	4350021.00	3.70632	(20012010)	747434.19	4350021.00
3.25335	747534.19 (20012010)	4350021.00	3.82420	(20012010)	747634.19	4350021.00
4.24027	747734.19 (21022317)	4350021.00	3.39448	(17020109)	747834.19	4350021.00
4.19334	747934.19 (18011316)	4350021.00	4.04578	(21022317)	748034.19	4350021.00
4.48862	748134.19 (20030208)	4350021.00	5.22321	(18011316)	748234.19	4350021.00
3.31612	748334.19 (20072219)	4350021.00	3.64769	(18022623)	748434.19	4350021.00
4.01568	747334.19 (20012010)	4350121.00	3.51371	(20012010)	747434.19	4350121.00
3.68013	747534.19 (20012010)	4350121.00	4.09427	(20012010)	747634.19	4350121.00
4.49058	747734.19 (17020109)	4350121.00	3.21575	(21072819)	747834.19	4350121.00
4.37460	747934.19 (18011316)	4350121.00	4.60346	(21022317)	748034.19	4350121.00
5.11863	748134.19 (20030208)	4350121.00	5.93214	(18011316)	748234.19	4350121.00
3.89107	748334.19 (20072219)	4350121.00	4.08251	(18022623)	748434.19	4350121.00
3.91695	747334.19 (20012010)	4350221.00	3.19928	(20012010)	747434.19	4350221.00
4.07807	747534.19 (20012010)	4350221.00	4.26493	(20012010)	747634.19	4350221.00
4.24518	747734.19 (17020109)	4350221.00	3.49734	(21072819)	747834.19	4350221.00
	747934.19	4350221.00	4.99139	(21022317)	748034.19	4350221.00

4.50519	(19011016)					
	748134.19	4350221.00	7.25134	(18011316)	748234.19	4350221.00
6.25598	(20030208)					
	748334.19	4350221.00	4.83426	(18022623)	748434.19	4350221.00
4.77562	(21091007)					
	747334.19	4350321.00	2.98429	(18123109)	747434.19	4350321.00
3.66678	(20012010)					
	747534.19	4350321.00	4.29763	(20012010)	747634.19	4350321.00
4.40545	(20012010)					
	747734.19	4350321.00	3.87849	(20012010)	747834.19	4350321.00
3.70274	(17020109)					
	747934.19	4350321.00	5.27648	(21022317)	748034.19	4350321.00
4.99220	(19011016)					
	748134.19	4350321.00	7.79302	(18011316)	748234.19	4350321.00
7.38365	(20030208)					
	748334.19	4350321.00	5.54620	(17061319)	748434.19	4350321.00
5.36589	(20010109)					
	747334.19	4350421.00	3.00931	(18123109)	747434.19	4350421.00
3.48223	(19013016)					
	747534.19	4350421.00	4.46673	(18011216)	747634.19	4350421.00
4.66921	(18011216)					
	747734.19	4350421.00	4.63592	(17122016)	747834.19	4350421.00
3.95712	(18122717)					
	747934.19	4350421.00	5.30604	(21022317)	748034.19	4350421.00
5.56136	(21022317)					

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

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

GROUP: STCK1 ***

INCLUDING SOURCE(S): STCK1 ,

*** 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)
8.74321	748134.19	4350421.00	7.50552	(18011316)	748234.19	4350421.00
	(18011316)					
6.77314	748334.19	4350421.00	6.61931	(17061319)	748434.19	4350421.00
	(20062919)					
3.75187	747334.19	4350521.00	3.10335	(17122411)	747434.19	4350521.00
	(18123109)					
5.59610	747534.19	4350521.00	4.13357	(18011216)	747634.19	4350521.00
	(18011216)					
4.74626	747734.19	4350521.00	5.38409	(17122016)	747834.19	4350521.00
	(21072819)					
6.24488	747934.19	4350521.00	5.15953	(17020109)	748034.19	4350521.00
	(21022317)					
9.29213	748134.19	4350521.00	6.62909	(18011316)	748234.19	4350521.00
	(18011316)					
	748334.19	4350521.00	7.66975	(17061319)	748434.19	4350521.00

8.57191 (20062919)			
747334.19 4350621.00	3.41473 (21073019)	747434.19 4350621.00	
3.77678 (17122106)			
747534.19 4350621.00	4.66126 (17122109)	747634.19 4350621.00	
5.89507 (18011216)			
747734.19 4350621.00	6.19731 (18011216)	747834.19 4350621.00	
6.17139 (17122016)			
747934.19 4350621.00	5.64655 (17020109)	748034.19 4350621.00	
6.96172 (21022317)			
748134.19 4350621.00	5.92050 (21123116)	748234.19 4350621.00	
9.86616 (18011316)			
748334.19 4350621.00	8.97224 (20030208)	748434.19 4350621.00	
10.32405 (20062919)			
747334.19 4350721.00	4.73849 (18010811)	747434.19 4350721.00	
4.39484 (17121622)			
747534.19 4350721.00	4.73288 (17122109)	747634.19 4350721.00	
5.65809 (19011116)			
747734.19 4350721.00	7.23401 (18011216)	747834.19 4350721.00	
7.00422 (17122016)			
747934.19 4350721.00	6.51888 (18010914)	748034.19 4350721.00	
7.47455 (21022317)			
748134.19 4350721.00	6.74310 (21022317)	748234.19 4350721.00	
11.19697 (18011316)			
748334.19 4350721.00	10.35137 (20030208)	748434.19 4350721.00	
12.51377 (20062919)			
747334.19 4350821.00	6.31249 (18010811)	747434.19 4350821.00	
5.09857 (21073019)			
747534.19 4350821.00	5.14165 (17121622)	747634.19 4350821.00	
5.65462 (17122109)			
747734.19 4350821.00	6.89167 (18011216)	747834.19 4350821.00	
8.02951 (18011216)			
747934.19 4350821.00	7.74270 (17122016)	748034.19 4350821.00	
8.70365 (17020109)			
748134.19 4350821.00	8.58849 (21022317)	748234.19 4350821.00	
12.77026 (18011316)			
748334.19 4350821.00	12.53119 (20030208)	748434.19 4350821.00	
14.99871 (20062919)			
747334.19 4350921.00	6.97839 (18010811)	747434.19 4350921.00	
6.61007 (18010811)			
747534.19 4350921.00	5.89148 (21073019)	747634.19 4350921.00	
5.68339 (17121622)			
747734.19 4350921.00	7.28102 (19011116)	747834.19 4350921.00	
9.42962 (18011216)			
747934.19 4350921.00	9.76832 (17122016)	748034.19 4350921.00	
9.53761 (17020109)			
748134.19 4350921.00	11.27612 (21010916)	748234.19 4350921.00	
15.19127 (18011316)			
748334.19 4350921.00	15.91737 (20030208)	748434.19 4350921.00	
18.58962 (21011116)			
747334.19 4351021.00	6.28896 (18010811)	747434.19 4351021.00	
7.37776 (18010811)			
747534.19 4351021.00	6.64318 (18010811)	747634.19 4351021.00	
6.65087 (21073019)			
747734.19 4351021.00	6.51044 (17122109)	747834.19 4351021.00	
9.73701 (19011116)			
747934.19 4351021.00	11.30989 (18011216)	748034.19 4351021.00	
11.26680 (20012010)			
748334.19 4351021.00	19.75020 (20030208)	748434.19 4351021.00	
23.67243 (21011116)			
748534.19 4351021.00	20.48190 (21022217)	748634.19 4351021.00	
26.71554 (19062219)			

747334.19 4351121.00 6.16006 (19122524) 747434.19 4351121.00
 6.37312 (19122524)
 747534.19 4351121.00 7.31901 (18010811) 747634.19 4351121.00
 6.78800 (21073019)
 *** AERMOD - VERSION 22112 *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE
 GROUP: STCK1 ***
 INCLUDING SOURCE(S): STCK1 ,

*** 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)
10.70536	747734.19	4351121.00	8.12603	(19083007)	747834.19	4351121.00
13.85821	(19011116)					
55.30972	747934.19	4351121.00	13.17319	(18011216)	748034.19	4351121.00
81.52854	(17122016)					
6.85516	748334.19	4351121.00	29.85856	(18011316)	748434.19	4351121.00
7.84649	(21021002)					
10.11657	748534.19	4351121.00	77.42238	(18120317)	748634.19	4351121.00
18.93066	(19073002)					
8.98763	747334.19	4351221.00	8.93307	(17121510)	747434.19	4351221.00
9.66363	(17121510)					
11.34870	747534.19	4351221.00	7.30879	(20090918)	747634.19	4351221.00
20.95217	(20120620)					
196.99332	747734.19	4351221.00	8.64377	(21073019)	747834.19	4351221.00
9.66363	(17122411)					
11.34870	747934.19	4351221.00	15.89790	(19011116)	748034.19	4351221.00
9.86400	(18011216)					
11.34870	748134.19	4351221.00	20.08361	(17020109)	748234.19	4351221.00
9.86400	(19020109)					
11.34870	748434.19	4351221.00	105.87415	(20012424)	748634.19	4351221.00
9.86400	(19120501)					
11.34870	747334.19	4351321.00	10.18164	(17121510)	747434.19	4351321.00
9.86400	(17121510)					
11.34870	747534.19	4351321.00	8.22634	(18021217)	747634.19	4351321.00
9.86400	(20090918)					
11.34870	747734.19	4351321.00	10.76906	(19011512)	747834.19	4351321.00
9.86400	(19120610)					
11.34870	747934.19	4351321.00	13.40761	(17030708)	748034.19	4351321.00
9.86400	(19011116)					
11.34870	748234.19	4351321.00	114.13141	(20031901)	748334.19	4351321.00
9.86400	(18091404)					
11.34870	748434.19	4351321.00	204.77622	(20012424)	746434.19	4351421.00
9.86400	(17031924)					
11.34870	746534.19	4351421.00	8.29476	(20090919)	746634.19	4351421.00
9.86400	(17120319)					
11.34870	747334.19	4351421.00	9.53195	(17121510)	747434.19	4351421.00
9.86400	(17121510)					

747534.19	4351421.00	10.27834	(17121510)	747634.19	4351421.00
9.93026	(17121510)				
747734.19	4351421.00	13.24150	(17122911)	747834.19	4351421.00
15.05980	(17011216)				
747934.19	4351421.00	21.14761	(18112809)	748034.19	4351421.00
27.88139	(19011517)				
748234.19	4351421.00	139.94823	(20031901)	748334.19	4351421.00
204.34635	(18091404)				
746434.19	4351521.00	33.25938	(17122702)	746534.19	4351521.00
33.59547	(17031924)				
746634.19	4351521.00	26.68653	(17031924)	747334.19	4351521.00
10.95822	(19122314)				
747434.19	4351521.00	8.74819	(21060906)	747534.19	4351521.00
10.06641	(17021117)				
747634.19	4351521.00	13.03799	(17121510)	747734.19	4351521.00
13.96633	(17121510)				
747834.19	4351521.00	21.40098	(17011216)	747934.19	4351521.00
32.84599	(17011216)				
748034.19	4351521.00	34.31287	(18060506)	748103.00	4351532.34
48.24565	(19011517)				
748083.00	4351484.15	44.63615	(19011517)	748334.19	4351521.00
211.50402	(20012423)				
748451.19	4351515.33	136.42745	(19010317)	748534.19	4351521.00
112.42592	(20021004)				
748634.19	4351521.00	71.69869	(20081419)	746434.19	4351621.00
23.79522	(17012307)				
746534.19	4351621.00	27.17003	(17012307)	746634.19	4351621.00
36.33424	(17122702)				
747334.19	4351621.00	12.36919	(20010916)	747434.19	4351621.00
10.28364	(20010916)				
747534.19	4351621.00	9.59198	(20010916)	747634.19	4351621.00
11.02329	(21060906)				
747734.19	4351621.00	13.77543	(17021117)	747834.19	4351621.00
16.60912	(17021117)				
747934.19	4351621.00	25.21065	(18122301)	748034.19	4351621.00
55.74282	(17011216)				
748073.71	4351672.02	70.78831	(17011216)	748234.19	4351621.00
126.94516	(21120622)				
748334.19	4351621.00	212.96267	(18011419)	748534.19	4351621.00
145.09272	(21122004)				
746434.19	4351721.00	22.66074	(18113003)	746534.19	4351721.00
23.49946	(18113003)				
746634.19	4351721.00	24.52985	(18113003)	747334.19	4351721.00
60.88516	(17031924)				

▲ *** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler Operational HRA
 *** 12:47:22

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE
 GROUP: STCK1 ***
 INCLUDING SOURCE(S): STCK1 ,

*** 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)
10.01100	747434.19	4351721.00	10.74565	(20041622)	747534.19	4351721.00
13.82115	(20020823)					
24.63089	747634.19	4351721.00	10.83549	(19122523)	747734.19	4351721.00
104.53075	(20010916)					
249.06839	747834.19	4351721.00	16.45818	(18012910)	747934.19	4351721.00
167.25763	(18010420)					
23.91677	748034.19	4351721.00	50.85639	(19121424)	748134.19	4351721.00
37.01438	(17021808)					
29.11856	748234.19	4351721.00	148.82364	(18091423)	748334.19	4351721.00
13.28838	(18041806)					
30.76130	748534.19	4351721.00	218.43681	(17121605)	748634.19	4351721.00
106.11132	(18082323)					
268.94309	746434.19	4351821.00	20.93494	(17011202)	746534.19	4351821.00
19.85851	(17011202)					
50.58771	746634.19	4351821.00	20.07437	(17011202)	747334.19	4351821.00
40.20674	(18113003)					
17.03863	747434.19	4351821.00	105.62133	(21012821)	747534.19	4351821.00
39.71899	(21012821)					
17.97913	747634.19	4351821.00	12.52468	(17100202)	747734.19	4351821.00
24.69129	(20020824)					
68.33944	747834.19	4351821.00	18.80964	(17013110)	747934.19	4351821.00
12.22569	(20040322)					
	748034.19	4351821.00	62.27691	(19083120)	748134.19	4351821.00
	(18010420)					
	748234.19	4351821.00	160.94246	(18122301)	748534.19	4351821.00
	(17121704)					
	748634.19	4351821.00	232.57155	(20081620)	746434.19	4351921.00
	(20012402)					
	746534.19	4351921.00	21.08645	(20012402)	746634.19	4351921.00
	(20012402)					
	747334.19	4351921.00	32.31412	(18013006)	747434.19	4351921.00
	(20012402)					
	747534.19	4351921.00	82.34435	(21012821)	747634.19	4351921.00
	(20121416)					
	747734.19	4351921.00	13.91902	(21011802)	747834.19	4351921.00
	(17011202)					
	747934.19	4351921.00	39.12981	(17011202)	748034.19	4351921.00
	(17011202)					
	748134.19	4351921.00	127.49936	(19113019)	748234.19	4351921.00
	(17122702)					
	748549.88	4351948.46	297.69575	(20120517)	749034.19	4351921.00
	(20060220)					
	749134.19	4351921.00	49.86799	(17061822)	749234.19	4351921.00
	(17061822)					
	749334.19	4351921.00	114.78154	(21073122)	749434.19	4351921.00
	(17073119)					
	749534.19	4351921.00	13.97385	(18062119)	749634.19	4351921.00
	(17112118)					
	746434.19	4352021.00	17.63240	(18120616)	746534.19	4352021.00
	(18120616)					
	746634.19	4352021.00	18.28447	(18120616)	747334.19	4352021.00
	(17011424)					
	747434.19	4352021.00	29.96140	(18051324)	747534.19	4352021.00
	(20041805)					
	747634.19	4352021.00	12.91802	(17050604)	747734.19	4352021.00
	(18011610)					
	747834.19	4352021.00	17.56190	(18011610)	747934.19	4352021.00

44.04862 (21111305)					
748034.19 4352021.00	96.90512 (21111305)	748134.19 4352021.00			
153.23517 (21120704)					
748234.19 4352021.00	265.09841 (18051522)	749034.19 4352021.00			
46.63865 (19092322)					
749134.19 4352021.00	45.09158 (20071619)	749234.19 4352021.00			
45.03244 (20071619)					
749334.19 4352021.00	73.20656 (18012017)	749434.19 4352021.00			
31.61924 (18120217)					
749534.19 4352021.00	24.27489 (20071619)	749634.19 4352021.00			
98.28534 (18120517)					
746434.19 4352121.00	16.12546 (20041805)	746534.19 4352121.00			
16.24762 (20041805)					
746634.19 4352121.00	16.29083 (20041805)	747334.19 4352121.00			
24.80825 (21020822)					
747434.19 4352121.00	30.79799 (21020822)	747534.19 4352121.00			
47.80439 (21111305)					
747634.19 4352121.00	44.08808 (21111305)	747734.19 4352121.00			
17.37636 (17111303)					
747834.19 4352121.00	32.55441 (18051522)	747934.19 4352121.00			
105.28266 (18051522)					
748034.19 4352121.00	148.79219 (20102224)	748134.19 4352121.00			
157.56998 (17052506)					
*** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass Boiler C *** 02/08/23 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler Operational HRA *** 12:47:22					

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE
 GROUP: STCK1 ***
 INCLUDING SOURCE(S): STCK1 ,

*** 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)
- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -
97.13127	748234.19	4352121.00	187.66955	(19053022)	748834.19	4352121.00
(21022518)						
47.06873	748934.19	4352121.00	60.87396	(20052719)	749034.19	4352121.00
(20052719)						
32.02134	749134.19	4352121.00	35.65635	(20092018)	749234.19	4352121.00
(21060119)						
110.81451	749334.19	4352121.00	39.24887	(21060119)	749434.19	4352121.00
(20011817)						
51.85849	749534.19	4352121.00	62.24904	(18120217)	749634.19	4352121.00
(19020108)						
18.44786	746434.19	4352221.00	17.47603	(21020822)	746534.19	4352221.00
(21020822)						
24.85521	746634.19	4352221.00	19.38316	(21020822)	747334.19	4352221.00
(18122105)						
41.41923	747434.19	4352221.00	32.27199	(18122105)	747534.19	4352221.00
(21072624)						
	747634.19	4352221.00	84.60290	(18051522)	747734.19	4352221.00

93.02055 (20102224)			
747834.19 4352221.00	134.65035 (20102224)	747934.19	4352221.00
111.12336 (20102224)			
748034.19 4352221.00	143.95892 (18120408)	748134.19	4352221.00
181.87705 (18040424)			
748234.19 4352221.00	134.48594 (18052323)	748334.19	4352221.00
194.18195 (18091403)			
748634.19 4352221.00	133.85323 (20052720)	748734.19	4352221.00
100.86971 (18071521)			
748834.19 4352221.00	70.46341 (20072023)	748934.19	4352221.00
52.37791 (17052319)			
749034.19 4352221.00	41.79323 (20052519)	749134.19	4352221.00
37.47460 (17071619)			
749234.19 4352221.00	33.01250 (17071619)	749334.19	4352221.00
37.96317 (20052719)			
749434.19 4352221.00	47.39682 (18020318)	749534.19	4352221.00
90.00669 (20011817)			
749634.19 4352221.00	35.33616 (20062320)	747534.19	4352321.00
79.79569 (20102224)			
747634.19 4352321.00	87.49226 (20102224)	747734.19	4352321.00
97.74707 (20102224)			
747834.19 4352321.00	84.29629 (18120408)	747934.19	4352321.00
56.87321 (20092618)			
748034.19 4352321.00	95.13775 (18012620)	748134.19	4352321.00
154.05568 (17013019)			
748234.19 4352321.00	67.48319 (18013109)	748316.40	4352317.66
81.47417 (18011509)			
748653.16 4352331.51	105.75180 (17122618)	748734.19	4352321.00
67.36961 (20081521)			
748834.19 4352321.00	55.76334 (18092718)	748934.19	4352321.00
42.95179 (18050519)			
749034.19 4352321.00	36.22004 (18072621)	749134.19	4352321.00
32.58231 (17021809)			
749234.19 4352321.00	30.87676 (20052519)	749334.19	4352321.00
34.71703 (17071619)			
749434.19 4352321.00	37.27385 (20081602)	749534.19	4352321.00
39.65281 (20062620)			
749634.19 4352321.00	30.94433 (18071721)	747534.19	4352421.00
25.68789 (20102224)			
747634.19 4352421.00	32.83978 (17052506)	747734.19	4352421.00
82.14031 (17052506)			
747834.19 4352421.00	40.52416 (17020804)	747934.19	4352421.00
45.60462 (18061720)			
748734.19 4352421.00	49.77391 (20090219)	748834.19	4352421.00
43.83433 (21071321)			
748934.19 4352421.00	38.56985 (19062006)	749034.19	4352421.00
32.90071 (19082719)			
749134.19 4352421.00	29.48272 (20081105)	749234.19	4352421.00
28.72193 (21092807)			
749334.19 4352421.00	27.70709 (18071020)	749434.19	4352421.00
33.37330 (20052519)			
749534.19 4352421.00	33.42584 (20052519)	749634.19	4352421.00
31.08891 (17071619)			
747634.19 4352521.00	40.91215 (18120408)	747734.19	4352521.00
31.12411 (17020804)			
747834.19 4352521.00	35.26093 (18061720)	747934.19	4352521.00
40.18580 (19052719)			
748134.19 4352521.00	36.68028 (18013109)	748234.19	4352521.00
76.39298 (18013109)			
748314.18 4352541.00	202.03218 (18091605)	748734.19	4352521.00
67.97348 (18012709)			

748834.19 4352521.00 38.82536 (19010809) 748934.19 4352521.00
 33.25317 (21071124)
 *** AERMOD - VERSION 22112 *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** NCSD Biomass Boiler Operational HRA
 *** 12:47:22

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE
 GROUP: STCK1 ***
 INCLUDING SOURCE(S): STCK1 ,

*** 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)
-	-	-	-	-	-	-
-	-	-	-	-	-	-
28.96649	749034.19 (20090720)	4352521.00	31.90483	(19062006)	749134.19	4352521.00
25.84009	749234.19 (21092807)	4352521.00	27.04397	(19061320)	749334.19	4352521.00
33.28904	749434.19 (18071020)	4352521.00	31.01855	(18090619)	749534.19	4352521.00
26.12914	749634.19 (18061720)	4352521.00	30.41197	(19061520)	747634.19	4352621.00
35.24275	747734.19 (19052719)	4352621.00	28.52405	(18061720)	747834.19	4352621.00
222.42194	748134.19 (18010823)	4352621.00	204.71273	(18062806)	748234.19	4352621.00
44.26179	748334.19 (19011509)	4352621.00	197.57403	(17123124)	748734.19	4352621.00
32.79346	748834.19 (19010809)	4352621.00	33.41427	(20123009)	748934.19	4352621.00
24.38484	749034.19 (17011318)	4352621.00	29.05056	(18073121)	747634.19	4352721.00
32.72095	747734.19 (17120109)	4352721.00	25.62860	(20030102)	747834.19	4352721.00
37.77002	747934.19 (21121416)	4352721.00	40.25178	(17120109)	748034.19	4352721.00
53.46954	748134.19 (19122924)	4352721.00	45.43288	(19080620)	748234.19	4352721.00
35.73332	748334.19 (20010116)	4352721.00	52.90858	(20120309)	748643.08	4352725.44
35.57677	748734.19 (20123009)	4352721.00	34.70697	(21061106)	748834.19	4352721.00
28.06102	748934.19 (19010809)	4352721.00	28.56998	(17070821)	749034.19	4352721.00
23.91680	747634.19 (17032424)	4352821.00	24.02957	(20122209)	747734.19	4352821.00
29.64174	747834.19 (17061706)	4352821.00	28.05800	(17120109)	747934.19	4352821.00
38.28024	748034.19 (17122910)	4352821.00	41.14953	(21121416)	748134.19	4352821.00
48.06162	748234.19 (20120309)	4352821.00	45.17247	(20120109)	748334.19	4352821.00

748634.19	4352821.00	32.61693	(18120309)	748734.19	4352821.00
35.46120	(18071306)				
748834.19	4352821.00	31.04395	(21080219)	748934.19	4352821.00
31.20776	(20123009)				
749034.19	4352821.00	26.67980	(19072721)	747634.19	4352921.00
22.56000	(17032424)				
747734.19	4352921.00	24.36663	(18040107)	747834.19	4352921.00
27.78515	(17061706)				
747934.19	4352921.00	25.75011	(18081620)	748034.19	4352921.00
29.17373	(21081119)				
748134.19	4352921.00	33.77742	(17122910)	748234.19	4352921.00
35.20889	(17062106)				
748334.19	4352921.00	47.09267	(21120309)	748434.19	4352921.00
40.70285	(21110308)				
748534.19	4352921.00	32.29194	(20110308)	748634.19	4352921.00
31.20342	(18120309)				
748734.19	4352921.00	31.77772	(18071306)	748834.19	4352921.00
29.61188	(21061106)				
748934.19	4352921.00	30.35726	(20123009)	749034.19	4352921.00
25.74646	(17090319)				
747634.19	4353021.00	22.01605	(18040107)	747734.19	4353021.00
25.70200	(17061706)				
747834.19	4353021.00	24.97652	(18080320)	747934.19	4353021.00
26.18908	(21121416)				
748034.19	4353021.00	27.18415	(19080620)	748134.19	4353021.00
29.77407	(17061606)				
748234.19	4353021.00	29.85251	(17062106)	748334.19	4353021.00
33.97332	(21120309)				
748434.19	4353021.00	32.34517	(21110308)	748534.19	4353021.00
32.03102	(19120509)				
748634.19	4353021.00	30.41751	(17122209)	748734.19	4353021.00
29.19868	(20010116)				
748834.19	4353021.00	31.36833	(18071306)	748934.19	4353021.00
28.68655	(20091318)				
747634.19	4353121.00	22.96842	(18040107)	747734.19	4353121.00
25.16907	(18080320)				
747834.19	4353121.00	23.55551	(18081620)	747934.19	4353121.00
26.42085	(21081119)				
748034.19	4353121.00	26.71943	(19080620)	748134.19	4353121.00
29.88789	(20120109)				
748234.19	4353121.00	27.84933	(19062106)	748334.19	4353121.00
31.93675	(21120309)				

*** AERMOD - VERSION 22112 *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler Operational HRA
 *** 12:47:22

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

GROUP: STCK1 ***

INCLUDING SOURCE(S): STCK1 ,

*** 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)				

748434.19	4353121.00	30.42056	(21110308)	748534.19	4353121.00
31.15033	(19120509)				
748634.19	4353121.00	28.87700	(18062606)	748734.19	4353121.00
27.16909	(18102317)				
748834.19	4353121.00	30.54307	(18071306)	748934.19	4353121.00
26.46036	(20071506)				
747634.19	4353221.00	22.93954	(18080320)	747734.19	4353221.00
23.73187	(18080320)				
747834.19	4353221.00	23.31942	(20051901)	747934.19	4353221.00
25.05510	(21081119)				
748034.19	4353221.00	24.50798	(18061006)	748134.19	4353221.00
28.61137	(20120109)				
748234.19	4353221.00	26.80245	(19062106)	748334.19	4353221.00
29.89459	(21120309)				
748434.19	4353221.00	28.57259	(21110308)	748534.19	4353221.00
29.86499	(19120509)				
748634.19	4353221.00	28.39591	(21062506)	748734.19	4353221.00
26.46513	(18102317)				
748834.19	4353221.00	27.22167	(18071306)	748934.19	4353221.00
26.44967	(18071306)				
747634.19	4353321.00	24.10905	(18080320)	747734.19	4353321.00
22.51203	(20042221)				
747834.19	4353321.00	23.51570	(18051601)	747934.19	4353321.00
24.77473	(19080620)				
748034.19	4353321.00	25.22568	(17061606)	748134.19	4353321.00
26.87011	(21040707)				
748234.19	4353321.00	25.81347	(20121509)	748334.19	4353321.00
27.88808	(21120309)				
748434.19	4353321.00	27.07824	(20060206)	748534.19	4353321.00
28.36674	(19120509)				
748634.19	4353321.00	27.57788	(21062506)	748734.19	4353321.00
26.20541	(19062806)				
748834.19	4353321.00	25.15652	(19072620)	748934.19	4353321.00
27.12036	(18071306)				
748134.19	4353421.00	25.26997	(21040707)	748234.19	4353421.00
25.52471	(20121509)				
748334.19	4353421.00	25.97552	(21120309)	748434.19	4353421.00
26.10366	(21071106)				
748534.19	4353421.00	26.78158	(19120509)	748634.19	4353421.00
26.26074	(21062506)				
748734.19	4353421.00	25.87511	(19062806)	748834.19	4353421.00
24.60176	(21072602)				
748934.19	4353421.00	25.71015	(18071306)	748134.19	4353521.00
23.27465	(21040707)				
748234.19	4353521.00	24.88911	(20121509)	748334.19	4353521.00
24.93800	(17121109)				
748434.19	4353521.00	25.37949	(21071106)	748534.19	4353521.00
25.18889	(19120509)				
748634.19	4353521.00	25.09790	(17040507)	748734.19	4353521.00
24.91027	(17070506)				
748834.19	4353521.00	24.04516	(21062721)	748934.19	4353521.00
24.29362	(21090719)				
748134.19	4353621.00	22.98836	(21072701)	748234.19	4353621.00
24.02477	(20121509)				
748334.19	4353621.00	23.96197	(17121109)	748434.19	4353621.00
24.60911	(21071106)				
748534.19	4353621.00	23.99116	(18052406)	748634.19	4353621.00
24.05103	(21072523)				
748734.19	4353621.00	24.12896	(17070506)	748834.19	4353621.00

23.67394 (21062721)			
748934.19 4353621.00	23.55622 (19072620)	748134.19	4353721.00
22.50802 (21072701)			
748234.19 4353721.00	23.02006 (20121509)	748334.19	4353721.00
23.16989 (18121209)			
748434.19 4353721.00	23.81796 (21071106)	748534.19	4353721.00
23.18333 (21053106)			
748634.19 4353721.00	23.36785 (21072523)	748734.19	4353721.00
23.25411 (20072206)			
748834.19 4353721.00	23.30809 (21081522)	748934.19	4353721.00
22.91868 (17071621)			
748134.19 4353821.00	21.92134 (20071106)	748234.19	4353821.00
21.93837 (20121509)			
748334.19 4353821.00	22.44847 (18121209)	748434.19	4353821.00
23.02372 (21071106)			
748534.19 4353821.00	22.59591 (21061721)	748634.19	4353821.00
22.65439 (19072722)			
748734.19 4353821.00	22.50032 (20072206)	748834.19	4353821.00
22.56037 (21081522)			
748934.19 4353821.00	22.31899 (19090222)	748584.52	4352211.05
162.32067 (18080721)			

*** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler Operational HRA
 *** 12:47:22

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE
 GROUP: STCK1 ***
 INCLUDING SOURCE(S): STCK1 ,

*** 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)

164.45144	748617.59	4352190.26	154.58322	(20052720)	748591.14	4352250.73
	(17122618)					
135.97702	748669.56	4352215.77	121.52073	(20050820)	748616.64	4352277.19
	(17122618)					
109.52813	748690.34	4352249.78	101.68708	(17070721)	748642.16	4352387.73
	(18012709)					
95.96310	748768.76	4352459.53	44.17400	(20082820)	748812.23	4352155.30
	(20082221)					
220.82907	748804.67	4352253.56	71.46775	(19082719)	748392.72	4352234.67
	(17123124)					
179.91591	748369.10	4352211.99	228.64313	(18052123)	748306.74	4352223.33
	(18091605)					
189.93141	748795.22	4352195.93	90.78893	(20100518)	748287.59	4352207.74
	(17071105)					
199.96438	748280.37	4352178.03	210.20667	(17122824)	748261.09	4352145.90
	(17013019)					
239.54311	748232.18	4352102.53	195.58426	(20060406)	748241.81	4352072.82
	(17052506)					
	748278.76	4352046.31	317.16714	(18120408)	748269.12	4352021.42

315.42702 (20102224)	748281.17 4352000.53	371.57648 (18051522)	748278.76 4351958.77
366.04593 (20041805)	748286.79 4351937.09	391.70258 (19113019)	748300.44 4351917.81
432.14026 (17122303)	748500.42 4351912.19	330.64312 (17060520)	748500.42 4351883.28
338.67553 (19062023)	748475.48 4351831.50	326.67680 (17121605)	748469.81 4351799.37
333.06478 (20021004)	748499.10 4351778.59	280.12344 (17121605)	748495.32 4351718.11
249.83286 (20021004)	748507.61 4351744.57	260.48022 (18010522)	748541.62 4351865.51
305.23033 (20021018)	748504.77 4351644.41	206.68316 (20021004)	748509.50 4351615.12
180.23833 (20021004)	748318.63 4351677.48	225.73403 (18041806)	748457.53 4351557.49
155.40875 (19010317)	748321.47 4351642.52	211.86383 (18091406)	748344.14 4351584.89
211.06127 (20012423)	748347.92 4351551.82	203.05281 (20012423)	748108.92 4351572.77
51.94571 (20032818)	748036.17 4351387.56	25.90853 (19011517)	748033.33 4351360.16
23.05506 (19011116)	748055.06 4351291.18	22.70912 (18011216)	748064.51 4351268.50
21.39237 (18011216)	748083.41 4351244.88	18.22025 (17122016)	748090.03 4351220.31
17.48587 (17122016)	748307.36 4351257.50	110.24339 (18091404)	748368.87 4351208.17
79.63035 (21021005)	748336.38 4351195.40	62.65578 (18091404)	748381.64 4351190.18
69.50686 (21021005)	748421.68 4351187.28	90.05509 (18070702)	748464.62 4351182.06
101.50729 (18120317)	748470.43 4351237.19	149.80094 (18120317)	748419.36 4351230.80
110.18145 (20012424)	748380.48 4351293.48	147.56775 (21021005)	748365.39 4351278.39
121.40371 (18091404)	748197.10 4351361.95	99.77622 (17062624)	748210.45 4351328.29
99.76587 (20031901)	748216.83 4351289.41	65.91611 (18091722)	748203.25 4351380.93
118.95148 (17062624)	748225.78 4351410.97	139.28484 (17062624)	748428.09 4351922.02
1075.70082 (19042311)	748417.57 4351907.07	413.59263 (20022712)	748422.00 4351896.54
396.10416 (20120114)	748433.08 4351908.73	441.66935 (20022211)	748402.06 4351875.50
392.43196 (17062120)	748409.67 4352024.65	238.67424 (20062520)	748425.96 4352031.17
227.29625 (21073119)	748427.92 4352055.93	246.66101 (20073020)	748446.82 4352063.10

*** AERMOD - VERSION 22112 *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

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

GROUP: STCK2 ***

INCLUDING SOURCE(S): STCK2 ,

*** 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)
3.60006	747334.19 (20012010)	4349821.00	3.73512	(20012010)	747434.19	4349821.00
2.87637	747534.19 (21083108)	4349821.00	3.12123	(20012010)	747634.19	4349821.00
3.71473	747734.19 (21022317)	4349821.00	3.12992	(21022317)	747834.19	4349821.00
3.50623	747934.19 (20120709)	4349821.00	3.17587	(21123116)	748034.19	4349821.00
2.99788	748134.19 (20030208)	4349821.00	3.49918	(20030208)	748234.19	4349821.00
2.57147	748334.19 (20072219)	4349821.00	2.95072	(21011906)	748434.19	4349821.00
3.83342	747334.19 (20012010)	4349921.00	3.77382	(20012010)	747434.19	4349921.00
2.91818	747534.19 (17021509)	4349921.00	3.49359	(20012010)	747634.19	4349921.00
4.05204	747734.19 (21022317)	4349921.00	3.35827	(17020109)	747834.19	4349921.00
4.03367	747934.19 (18011316)	4349921.00	3.48276	(21123116)	748034.19	4349921.00
3.59625	748134.19 (20030208)	4349921.00	3.97826	(18011316)	748234.19	4349921.00
2.85109	748334.19 (20072219)	4349921.00	3.27213	(21011906)	748434.19	4349921.00
3.97824	747334.19 (20012010)	4350021.00	3.70116	(20012010)	747434.19	4350021.00
3.26007	747534.19 (20012010)	4350021.00	3.82707	(20012010)	747634.19	4350021.00
4.22891	747734.19 (21022317)	4350021.00	3.37646	(17020109)	747834.19	4350021.00
4.16044	747934.19 (18011316)	4350021.00	4.05588	(21022317)	748034.19	4350021.00
4.49607	748134.19 (20030208)	4350021.00	5.21891	(18011316)	748234.19	4350021.00
3.32205	748334.19 (20072219)	4350021.00	3.64221	(21011906)	748434.19	4350021.00
4.01174	747334.19 (20012010)	4350121.00	3.50680	(20012010)	747434.19	4350121.00
3.68567	747534.19 (20012010)	4350121.00	4.09496	(20012010)	747634.19	4350121.00
4.48343	747734.19 (17020109)	4350121.00	3.21800	(21072819)	747834.19	4350121.00
4.34994	747934.19 (19011016)	4350121.00	4.60835	(21022317)	748034.19	4350121.00
5.12365	748134.19 (20030208)	4350121.00	5.92038	(18011316)	748234.19	4350121.00
3.89817	748334.19 (20072219)	4350121.00	4.06918	(18022623)	748434.19	4350121.00
3.91064	747334.19 (20012010)	4350221.00	3.19102	(20012010)	747434.19	4350221.00

4.08167	747534.19 (20012010)	4350221.00	4.26294	(20012010)	747634.19	4350221.00
4.22917	747734.19 (17020109)	4350221.00	3.49334	(21072819)	747834.19	4350221.00
4.49859	747934.19 (19011016)	4350221.00	4.98866	(21022317)	748034.19	4350221.00
6.25644	748134.19 (20030208)	4350221.00	7.23009	(18011316)	748234.19	4350221.00
4.77218	748334.19 (21091007)	4350221.00	4.81604	(18022623)	748434.19	4350221.00
3.65839	747334.19 (20012010)	4350321.00	2.98198	(18123109)	747434.19	4350321.00
4.40632	747534.19 (20012010)	4350321.00	4.29266	(20012010)	747634.19	4350321.00
3.67969	747734.19 (17020109)	4350321.00	3.88549	(20012010)	747834.19	4350321.00
4.97633	747934.19 (19011016)	4350321.00	5.26378	(21022317)	748034.19	4350321.00
7.38002	748134.19 (20030208)	4350321.00	7.75807	(18011316)	748234.19	4350321.00
5.36273	748334.19 (20010109)	4350321.00	5.54727	(17061319)	748434.19	4350321.00
3.47873	747334.19 (19013016)	4350421.00	3.00106	(18123109)	747434.19	4350421.00
4.67594	747534.19 (18011216)	4350421.00	4.45241	(18011216)	747634.19	4350421.00
3.95280	747734.19 (18122717)	4350421.00	4.63579	(17122016)	747834.19	4350421.00
5.57592	747934.19 (21022317)	4350421.00	5.28198	(21022317)	748034.19	4350421.00

*** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
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*** MODELOPTS: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE
 GROUP: STCK2 ***
 INCLUDING SOURCE(S): STCK2 ,

*** 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)
8.77194	748134.19 (18011316)	4350421.00	7.45895	(18011316)	748234.19	4350421.00
6.73611	748334.19 (20062919)	4350421.00	6.61908	(17061319)	748434.19	4350421.00
3.74433	747334.19 (18123109)	4350521.00	3.10411	(17122411)	747434.19	4350521.00
5.58944	747534.19 (18011216)	4350521.00	4.11075	(18011216)	747634.19	4350521.00
4.73556	747734.19 (21072819)	4350521.00	5.36874	(17122016)	747834.19	4350521.00

6.24857	747934.19	4350521.00	5.13731	(17020109)	748034.19	4350521.00
	(21022317)					
9.31243	748134.19	4350521.00	6.57100	(18011316)	748234.19	4350521.00
	(18011316)					
8.52279	748334.19	4350521.00	7.66414	(17061319)	748434.19	4350521.00
	(20062919)					
3.76954	747334.19	4350621.00	3.41492	(21073019)	747434.19	4350621.00
	(17122106)					
5.87106	747534.19	4350621.00	4.65644	(17122109)	747634.19	4350621.00
	(18011216)					
6.17553	747734.19	4350621.00	6.20647	(18011216)	747834.19	4350621.00
	(17122016)					
6.94895	747934.19	4350621.00	5.60588	(17020109)	748034.19	4350621.00
	(21022317)					
9.87350	748134.19	4350621.00	5.92403	(21123116)	748234.19	4350621.00
	(18011316)					
10.26513	748334.19	4350621.00	9.02206	(20030208)	748434.19	4350621.00
	(20062919)					
4.38526	747334.19	4350721.00	4.74910	(18010811)	747434.19	4350721.00
	(17121622)					
5.64985	747534.19	4350721.00	4.71561	(17122109)	747634.19	4350721.00
	(19011116)					
6.98636	747734.19	4350721.00	7.22133	(18011216)	747834.19	4350721.00
	(17122016)					
7.43917	747934.19	4350721.00	6.51731	(18010914)	748034.19	4350721.00
	(21022317)					
11.18412	748134.19	4350721.00	6.78005	(21022317)	748234.19	4350721.00
	(18011316)					
12.44117	748334.19	4350721.00	10.40303	(20030208)	748434.19	4350721.00
	(20062919)					
5.09015	747334.19	4350821.00	6.31755	(18010811)	747434.19	4350821.00
	(21073019)					
5.64000	747534.19	4350821.00	5.13366	(17121622)	747634.19	4350821.00
	(17122109)					
8.03960	747734.19	4350821.00	6.85502	(18011216)	747834.19	4350821.00
	(18011216)					
8.66286	747934.19	4350821.00	7.75851	(17122016)	748034.19	4350821.00
	(17020109)					
12.72532	748134.19	4350821.00	8.61447	(21022317)	748234.19	4350821.00
	(18011316)					
14.91307	748334.19	4350821.00	12.58052	(20030208)	748434.19	4350821.00
	(20062919)					
6.61479	747334.19	4350921.00	6.97402	(18010811)	747434.19	4350921.00
	(18010811)					
5.67984	747534.19	4350921.00	5.88302	(21073019)	747634.19	4350921.00
	(17121622)					
9.40221	747734.19	4350921.00	7.25476	(19011116)	747834.19	4350921.00
	(18011216)					
9.45128	747934.19	4350921.00	9.74786	(17122016)	748034.19	4350921.00
	(17020109)					
15.09388	748134.19	4350921.00	11.27091	(21010916)	748234.19	4350921.00
	(18011316)					
18.40030	748334.19	4350921.00	15.95707	(20030208)	748434.19	4350921.00
	(21011116)					
7.37075	747334.19	4351021.00	6.27595	(18010811)	747434.19	4351021.00
	(18010811)					
6.64375	747534.19	4351021.00	6.64980	(18010811)	747634.19	4351021.00
	(21073019)					
9.73093	747734.19	4351021.00	6.47640	(17122109)	747834.19	4351021.00
	(19011116)					
	747934.19	4351021.00	11.32212	(18011216)	748034.19	4351021.00

11.29335 (20012010)
 748334.19 4351021.00 19.77383 (20030208) 748434.19 4351021.00
 23.43251 (21011116)
 748534.19 4351021.00 20.50515 (21022217) 748634.19 4351021.00
 26.46805 (19062219)
 747334.19 4351121.00 6.14431 (19122524) 747434.19 4351121.00
 6.36562 (19122524)
 747534.19 4351121.00 7.31280 (18010811) 747634.19 4351121.00
 6.76684 (18010811)
 ▲ *** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler Operational HRA
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE
 GROUP: STCK2 ***
 INCLUDING SOURCE(S): STCK2 ,

*** 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)
10.63843	747734.19	4351121.00	8.11410	(19083007)	747834.19	4351121.00
13.84000	747934.19	4351121.00	13.11234	(18011216)	748034.19	4351121.00
53.06788	748334.19	4351121.00	30.01893	(18011316)	748434.19	4351121.00
80.63042	748534.19	4351121.00	75.53795	(18120317)	748634.19	4351121.00
6.85560	747334.19	4351221.00	8.92510	(17121510)	747434.19	4351221.00
7.83967	747534.19	4351221.00	7.29720	(20090918)	747634.19	4351221.00
10.11034	747734.19	4351221.00	8.60696	(21073019)	747834.19	4351221.00
18.93111	747934.19	4351221.00	15.85811	(19011116)	748034.19	4351221.00
36.78052	748134.19	4351221.00	19.77359	(17020109)	748234.19	4351221.00
124.97010	748434.19	4351221.00	102.61467	(20012424)	748634.19	4351221.00
9.45496	747334.19	4351321.00	10.16993	(17121510)	747434.19	4351321.00
8.96823	747534.19	4351321.00	8.21332	(18021217)	747634.19	4351321.00
11.34704	747734.19	4351321.00	10.76175	(19011512)	747834.19	4351321.00
21.02136	747934.19	4351321.00	13.46496	(17030708)	748034.19	4351321.00
195.91536	748234.19	4351321.00	111.64088	(20031901)	748334.19	4351321.00
	748434.19	4351321.00	206.87082	(20012424)	746434.19	4351421.00

9.36357 (17031924)	746534.19 4351421.00	8.22356 (20090919)	746634.19 4351421.00
7.54449 (17120319)	747334.19 4351421.00	9.52688 (17121510)	747434.19 4351421.00
9.85059 (17121510)	747534.19 4351421.00	10.26538 (17121510)	747634.19 4351421.00
9.91942 (17121510)	747734.19 4351421.00	13.22320 (17122911)	747834.19 4351421.00
14.99366 (17011216)	747934.19 4351421.00	21.07235 (18112809)	748034.19 4351421.00
28.44731 (19011517)	748234.19 4351421.00	136.59001 (20031901)	748334.19 4351421.00
206.05431 (18091404)	746434.19 4351521.00	33.13495 (17122702)	746534.19 4351521.00
33.40750 (17031924)	746634.19 4351521.00	26.22195 (17031924)	747334.19 4351521.00
10.95986 (19122314)	747434.19 4351521.00	8.72659 (21060906)	747534.19 4351521.00
10.04472 (17021117)	747634.19 4351521.00	13.02714 (17121510)	747734.19 4351521.00
13.95640 (17121510)	747834.19 4351521.00	21.21440 (17011216)	747934.19 4351521.00
32.67827 (17011216)	748034.19 4351521.00	34.71799 (18021923)	748103.00 4351532.34
48.34245 (19011517)	748083.00 4351484.15	45.59490 (19011517)	748334.19 4351521.00
210.97661 (20012423)	748451.19 4351515.33	138.32197 (19010317)	748534.19 4351521.00
110.23980 (17020820)	748634.19 4351521.00	71.63642 (20081419)	746434.19 4351621.00
23.89417 (17012307)	746534.19 4351621.00	27.27039 (17012307)	746634.19 4351621.00
36.55383 (17122702)	747334.19 4351621.00	12.32207 (20010916)	747434.19 4351621.00
10.25636 (20010916)	747534.19 4351621.00	9.56620 (20010916)	747634.19 4351621.00
11.00920 (21060906)	747734.19 4351621.00	13.74285 (17021117)	747834.19 4351621.00
16.72963 (17021117)	747934.19 4351621.00	26.00815 (18122301)	748034.19 4351621.00
55.54055 (17021808)	748073.71 4351672.02	73.38354 (17021808)	748234.19 4351621.00
128.13656 (21120622)	748334.19 4351621.00	212.38375 (18091422)	748534.19 4351621.00
140.92465 (21122004)	746434.19 4351721.00	22.64099 (18113003)	746534.19 4351721.00
23.46877 (18113003)	746634.19 4351721.00	24.48748 (18113003)	747334.19 4351721.00
60.42378 (17031924)			

*** AERMOD - VERSION 22112 *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

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

GROUP: STCK2 ***

INCLUDING SOURCE(S): STCK2 ,

*** 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)
10.00027	747434.19	4351721.00	10.70323	(20041622)	747534.19	4351721.00
13.89522	(20020823)		10.83883	(19122523)	747734.19	4351721.00
25.83245	747634.19	4351721.00	16.43222	(18012910)	747934.19	4351721.00
109.38667	(20010916)		52.85493	(19121424)	748134.19	4351721.00
248.59838	747834.19	4351721.00	152.47359	(18091423)	748334.19	4351721.00
174.66196	(18010420)		220.10183	(17121605)	748634.19	4351721.00
24.02885	748034.19	4351721.00	20.98354	(17011202)	746534.19	4351821.00
37.42334	(17021808)		20.06388	(17011202)	747334.19	4351821.00
27.94014	748234.19	4351721.00	105.36558	(21012821)	747534.19	4351821.00
13.31104	(19052720)		12.51410	(17100202)	747734.19	4351821.00
32.02923	748534.19	4351721.00	18.82614	(17013110)	747934.19	4351821.00
111.28231	(18082323)		63.92650	(19083120)	748134.19	4351821.00
272.18689	746434.19	4351821.00	166.40769	(18122301)	748534.19	4351821.00
19.87506	(17011202)		235.97292	(20062421)	746434.19	4351921.00
21.08571	746634.19	4351821.00	21.13168	(20012402)	746634.19	4351921.00
37.40889	(20012402)		32.20366	(18013006)	747434.19	4351921.00
13.97425	747334.19	4351921.00	82.67956	(21012821)	747634.19	4351921.00
19.05766	(20121416)		13.97687	(20122719)	747834.19	4351921.00
73.46486	747734.19	4351921.00	39.90585	(17011202)	748034.19	4351921.00
248.93506	(17011202)		131.20647	(19113019)	748234.19	4351921.00
49.45255	748134.19	4351921.00	291.22076	(17062321)	749034.19	4351921.00
40.15485	(17122702)		49.05734	(17061822)	749234.19	4351921.00
17.00739	748549.88	4351948.46	115.11995	(21073122)	749434.19	4351921.00
38.91526	(20060220)		14.00283	(18062119)	749634.19	4351921.00
17.97516	749134.19	4351921.00	17.62703	(18120616)	746534.19	4352021.00
24.80836	(17061822)		18.28223	(18120616)	747334.19	4352021.00
	749334.19	4351921.00				
	(17073119)					
	749534.19	4351921.00				
	(17112118)					
	746434.19	4352021.00				
	(18120616)					
	746634.19	4352021.00				
	(17011424)					

747434.19	4352021.00	29.96267	(18051324)	747534.19	4352021.00
68.44923	(20041805)				
747634.19	4352021.00	12.87577	(17050604)	747734.19	4352021.00
12.28280	(17050604)				
747834.19	4352021.00	17.57742	(18011610)	747934.19	4352021.00
44.37173	(21111305)				
748034.19	4352021.00	97.38119	(21111305)	748134.19	4352021.00
151.13927	(21120704)				
748234.19	4352021.00	266.34833	(18051522)	749034.19	4352021.00
46.56758	(20071619)				
749134.19	4352021.00	45.32664	(20071619)	749234.19	4352021.00
45.08274	(20071619)				
749334.19	4352021.00	75.19700	(18012017)	749434.19	4352021.00
30.38384	(18120217)				
749534.19	4352021.00	24.20272	(20071619)	749634.19	4352021.00
97.76318	(18120517)				
746434.19	4352121.00	16.14018	(20041805)	746534.19	4352121.00
16.26624	(20041805)				
746634.19	4352121.00	16.31401	(20041805)	747334.19	4352121.00
24.82133	(21020822)				
747434.19	4352121.00	30.70735	(21020822)	747534.19	4352121.00
48.43901	(21111305)				
747634.19	4352121.00	43.66818	(21111305)	747734.19	4352121.00
17.32019	(17111303)				
747834.19	4352121.00	31.72979	(18051522)	747934.19	4352121.00
104.24874	(18051522)				
748034.19	4352121.00	146.62627	(20102224)	748134.19	4352121.00
155.00000	(17052506)				

*** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
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 *** 12:47:22

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE
 GROUP: STCK2 ***
 INCLUDING SOURCE(S): STCK2 ,

*** 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)
91.01098	748234.19	4352121.00	184.73821	(17030702)	748834.19	4352121.00
	(21022518)					
46.24561	748934.19	4352121.00	59.52809	(20052719)	749034.19	4352121.00
	(20052719)					
32.07283	749134.19	4352121.00	35.19397	(20092018)	749234.19	4352121.00
	(21060119)					
111.63411	749334.19	4352121.00	39.17612	(21060119)	749434.19	4352121.00
	(20011817)					
52.92316	749534.19	4352121.00	60.95190	(18120217)	749634.19	4352121.00
	(19020108)					
18.42421	746434.19	4352221.00	17.44858	(21020822)	746534.19	4352221.00
	(21020822)					

746634.19 4352221.00	19.36507 (21020822)	747334.19 4352221.00
24.86883 (18122105)		
747434.19 4352221.00	32.22104 (18122105)	747534.19 4352221.00
41.47700 (21072624)		
747634.19 4352221.00	84.87772 (18051522)	747734.19 4352221.00
91.25753 (20102224)		
747834.19 4352221.00	134.19654 (20102224)	747934.19 4352221.00
113.41783 (20102224)		
748034.19 4352221.00	145.62842 (18120408)	748134.19 4352221.00
179.82721 (18040424)		
748234.19 4352221.00	133.68396 (18052323)	748334.19 4352221.00
190.23160 (18091403)		
748634.19 4352221.00	129.88715 (20052720)	748734.19 4352221.00
96.89284 (18071521)		
748834.19 4352221.00	66.75241 (20072023)	748934.19 4352221.00
50.82020 (17052319)		
749034.19 4352221.00	40.84332 (20052519)	749134.19 4352221.00
37.49944 (17071619)		
749234.19 4352221.00	33.06397 (17071619)	749334.19 4352221.00
38.16736 (20052719)		
749434.19 4352221.00	47.89156 (18020318)	749534.19 4352221.00
91.64400 (20011817)		
749634.19 4352221.00	35.55164 (20062320)	747534.19 4352321.00
79.49616 (20102224)		
747634.19 4352321.00	86.36781 (20102224)	747734.19 4352321.00
97.94919 (20102224)		
747834.19 4352321.00	84.97996 (18120408)	747934.19 4352321.00
57.71535 (20092618)		
748034.19 4352321.00	97.26040 (18012620)	748134.19 4352321.00
156.97929 (17013019)		
748234.19 4352321.00	65.02776 (17071105)	748316.40 4352317.66
78.85842 (18011509)		
748653.16 4352331.51	104.08992 (17122618)	748734.19 4352321.00
64.49679 (20090719)		
748834.19 4352321.00	53.69082 (18092718)	748934.19 4352321.00
42.01674 (18050519)		
749034.19 4352321.00	35.96217 (18072621)	749134.19 4352321.00
32.60421 (17021809)		
749234.19 4352321.00	30.84111 (20052519)	749334.19 4352321.00
34.86051 (17071619)		
749434.19 4352321.00	37.49773 (20081602)	749534.19 4352321.00
39.93598 (20062620)		
749634.19 4352321.00	30.95932 (18071721)	747534.19 4352421.00
25.00909 (20102224)		
747634.19 4352421.00	31.66606 (17052506)	747734.19 4352421.00
82.83791 (17052506)		
747834.19 4352421.00	40.79709 (17020804)	747934.19 4352421.00
46.03277 (18061720)		
748734.19 4352421.00	48.86964 (20090219)	748834.19 4352421.00
43.26774 (21071321)		
748934.19 4352421.00	38.40704 (19062006)	749034.19 4352421.00
32.71500 (19082719)		
749134.19 4352421.00	29.42479 (20081105)	749234.19 4352421.00
28.71334 (21092807)		
749334.19 4352421.00	27.76211 (17021809)	749434.19 4352421.00
33.39875 (20052519)		
749534.19 4352421.00	33.43244 (20052519)	749634.19 4352421.00
31.12505 (17071619)		
747634.19 4352521.00	41.88794 (18120408)	747734.19 4352521.00
31.27864 (17020804)		
747834.19 4352521.00	35.29472 (18061720)	747934.19 4352521.00

40.29955 (19052719)
748134.19 4352521.00 31.27168 (17120109) 748234.19 4352521.00
75.41311 (18013109)
748314.18 4352541.00 200.46475 (18091605) 748734.19 4352521.00
65.90557 (18012709)
748834.19 4352521.00 38.63449 (19010809) 748934.19 4352521.00
33.12483 (21071321)
▲ *** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
Boiler C *** 02/08/23
*** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler Operational HRA
*** 12:47:22

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE
GROUP: STCK2 ***
INCLUDING SOURCE(S): STCK2 ,

*** 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)
-	-	-	-	-	-	-
-	-	-	-	-	-	-
28.95695	749034.19	4352521.00	31.90854	(19062006)	749134.19	4352521.00
(20090720)						
25.86006	749234.19	4352521.00	27.04855	(19061320)	749334.19	4352521.00
(21092807)						
33.51141	749434.19	4352521.00	31.19945	(18090619)	749534.19	4352521.00
(18071020)						
26.10494	749634.19	4352521.00	30.41761	(19061520)	747634.19	4352621.00
(18061720)						
35.18332	747734.19	4352621.00	28.66406	(18061720)	747834.19	4352621.00
(19052719)						
220.86760	748134.19	4352621.00	201.37142	(18062806)	748234.19	4352621.00
(18010823)						
43.26671	748334.19	4352621.00	199.35741	(17123124)	748734.19	4352621.00
(19011509)						
32.81014	748834.19	4352621.00	33.57372	(20123009)	748934.19	4352621.00
(19010809)						
24.34355	749034.19	4352621.00	29.04221	(18073121)	747634.19	4352721.00
(17011318)						
32.65149	747734.19	4352721.00	25.61778	(20030102)	747834.19	4352721.00
(18012505)						
37.35439	747934.19	4352721.00	40.27828	(17120109)	748034.19	4352721.00
(21121416)						
53.97022	748134.19	4352721.00	45.92680	(21081119)	748234.19	4352721.00
(19122924)						
35.71930	748334.19	4352721.00	52.88351	(20120309)	748643.08	4352725.44
(20010116)						
35.53730	748734.19	4352721.00	34.65738	(21061106)	748834.19	4352721.00
(20123009)						
28.11967	748934.19	4352721.00	28.56790	(17070821)	749034.19	4352721.00
(19010809)						
23.97374	747634.19	4352821.00	24.11653	(20122209)	747734.19	4352821.00
(17032424)						
	747834.19	4352821.00	28.02340	(17120109)	747934.19	4352821.00

29.85928 (17061706)					
748034.19	4352821.00	41.34824	(21121416)	748134.19	4352821.00
38.17758 (17122910)					
748234.19	4352821.00	45.29886	(20120109)	748334.19	4352821.00
48.09177 (20120309)					
748634.19	4352821.00	32.78305	(18120309)	748734.19	4352821.00
35.45853 (18071306)					
748834.19	4352821.00	31.01493	(21080219)	748934.19	4352821.00
31.31385 (20123009)					
749034.19	4352821.00	26.69599	(19072721)	747634.19	4352921.00
22.58410 (17032424)					
747734.19	4352921.00	24.30295	(18040107)	747834.19	4352921.00
27.81673 (17061706)					
747934.19	4352921.00	25.82346	(18081620)	748034.19	4352921.00
29.18614 (21081119)					
748134.19	4352921.00	33.80900	(17122910)	748234.19	4352921.00
35.25494 (17062106)					
748334.19	4352921.00	46.88110	(21120309)	748434.19	4352921.00
40.87135 (21110308)					
748534.19	4352921.00	32.43871	(20110308)	748634.19	4352921.00
31.26043 (18120309)					
748734.19	4352921.00	31.66145	(18071306)	748834.19	4352921.00
29.64183 (21061106)					
748934.19	4352921.00	30.32889	(20123009)	749034.19	4352921.00
25.78448 (17090319)					
747634.19	4353021.00	22.02943	(20051904)	747734.19	4353021.00
25.66744 (17061706)					
747834.19	4353021.00	25.05428	(18080320)	747934.19	4353021.00
26.15223 (21121416)					
748034.19	4353021.00	27.11642	(19080620)	748134.19	4353021.00
29.69122 (17061606)					
748234.19	4353021.00	29.86511	(17062106)	748334.19	4353021.00
33.92271 (21120309)					
748434.19	4353021.00	32.33672	(21110308)	748534.19	4353021.00
32.12970 (19120509)					
748634.19	4353021.00	30.45068	(17122209)	748734.19	4353021.00
29.23810 (20010116)					
748834.19	4353021.00	31.44928	(18071306)	748934.19	4353021.00
28.67878 (20091318)					
747634.19	4353121.00	22.96596	(18040107)	747734.19	4353121.00
25.13550 (18080320)					
747834.19	4353121.00	23.61680	(18081620)	747934.19	4353121.00
26.38325 (21081119)					
748034.19	4353121.00	26.76286	(19080620)	748134.19	4353121.00
29.83207 (20120109)					
748234.19	4353121.00	27.78549	(19062106)	748334.19	4353121.00
31.92485 (21120309)					

▲ *** AERMOD - VERSION 22112 *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler Operational HRA
 *** 12:47:22

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*** MODELOPTs: RegDEFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE
 GROUP: STCK2 ***
 INCLUDING SOURCE(S): STCK2 ,

*** 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)

- - - - -						
	748434.19	4353121.00	30.41016	(21110308)	748534.19	4353121.00
31.20315	(19120509)					
	748634.19	4353121.00	28.91078	(18062606)	748734.19	4353121.00
27.23123	(18102317)					
	748834.19	4353121.00	30.53354	(18071306)	748934.19	4353121.00
26.50284	(20071506)					
	747634.19	4353221.00	22.83521	(18080320)	747734.19	4353221.00
23.81980	(18080320)					
	747834.19	4353221.00	23.32623	(20051901)	747934.19	4353221.00
25.10695	(21081119)					
	748034.19	4353221.00	24.40091	(18061006)	748134.19	4353221.00
28.63208	(20120109)					
	748234.19	4353221.00	26.78600	(19062106)	748334.19	4353221.00
29.91119	(21120309)					
	748434.19	4353221.00	28.56124	(21110308)	748534.19	4353221.00
29.88325	(19120509)					
	748634.19	4353221.00	28.43707	(21062506)	748734.19	4353221.00
26.47173	(18102317)					
	748834.19	4353221.00	27.14797	(18071306)	748934.19	4353221.00
26.55063	(18071306)					
	747634.19	4353321.00	24.11111	(18080320)	747734.19	4353321.00
22.47019	(20042221)					
	747834.19	4353321.00	23.50038	(18051601)	747934.19	4353321.00
24.74119	(19080620)					
	748034.19	4353321.00	25.12268	(17061606)	748134.19	4353321.00
26.88269	(21040707)					
	748234.19	4353321.00	25.75566	(20053119)	748334.19	4353321.00
27.92356	(21120309)					
	748434.19	4353321.00	27.11818	(20060206)	748534.19	4353321.00
28.35964	(19120509)					
	748634.19	4353321.00	27.57844	(21062506)	748734.19	4353321.00
26.25946	(19062806)					
	748834.19	4353321.00	25.15069	(19072620)	748934.19	4353321.00
27.16062	(18071306)					
	748134.19	4353421.00	25.32640	(21040707)	748234.19	4353421.00
25.47615	(20053119)					
	748334.19	4353421.00	26.02317	(21120309)	748434.19	4353421.00
26.13859	(21071106)					
	748534.19	4353421.00	26.75628	(19120509)	748634.19	4353421.00
26.23074	(21062506)					
	748734.19	4353421.00	25.88515	(19062806)	748834.19	4353421.00
24.59494	(21072602)					
	748934.19	4353421.00	25.69691	(18071306)	748134.19	4353521.00
23.35985	(21040707)					
	748234.19	4353521.00	24.84692	(20121509)	748334.19	4353521.00
24.93245	(17121109)					
	748434.19	4353521.00	25.41124	(21071106)	748534.19	4353521.00
25.15084	(19120509)					
	748634.19	4353521.00	25.09289	(17040507)	748734.19	4353521.00
24.93147	(17070506)					
	748834.19	4353521.00	24.08561	(21062721)	748934.19	4353521.00
24.30578	(21090719)					
	748134.19	4353621.00	22.95321	(21072701)	748234.19	4353621.00
24.00815	(20121509)					

748334.19	4353621.00	23.96819	(17121109)	748434.19	4353621.00
24.63799	(21071106)				
748534.19	4353621.00	23.99041	(18052406)	748634.19	4353621.00
24.07040	(21072523)				
748734.19	4353621.00	24.11948	(17070506)	748834.19	4353621.00
23.67765	(21062721)				
748934.19	4353621.00	23.56694	(19072620)	748134.19	4353721.00
22.50047	(21072701)				
748234.19	4353721.00	23.02332	(20121509)	748334.19	4353721.00
23.18307	(18121209)				
748434.19	4353721.00	23.84425	(21071106)	748534.19	4353721.00
23.17296	(21053106)				
748634.19	4353721.00	23.36810	(21072523)	748734.19	4353721.00
23.26161	(20072206)				
748834.19	4353721.00	23.32060	(21081522)	748934.19	4353721.00
22.93235	(17071621)				
748134.19	4353821.00	21.89096	(20071106)	748234.19	4353821.00
21.95683	(20121509)				
748334.19	4353821.00	22.46881	(18121209)	748434.19	4353821.00
23.04771	(21071106)				
748534.19	4353821.00	22.57416	(21061721)	748634.19	4353821.00
22.63645	(19072722)				
748734.19	4353821.00	22.48602	(20072206)	748834.19	4353821.00
22.54489	(21081522)				
748934.19	4353821.00	22.33900	(19090222)	748584.52	4352211.05
160.06679	(18080721)				
*** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass Boiler C *** 02/08/23 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler Operational HRA *** 12:47:22					

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE
 GROUP: STCK2 ***
 INCLUDING SOURCE(S): STCK2 ,

*** 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)
161.52915	748617.59	4352190.26	150.26873	(20052720)	748591.14	4352250.73
133.75047	748669.56	4352215.77	117.70917	(20050820)	748616.64	4352277.19
105.61718	748690.34	4352249.78	98.85063	(17070721)	748642.16	4352387.73
89.58549	748768.76	4352459.53	43.55399	(20090219)	748812.23	4352155.30
219.73966	748804.67	4352253.56	67.77696	(19082719)	748392.72	4352234.67
170.10113	748369.10	4352211.99	226.27819	(18052123)	748306.74	4352223.33
186.42497	748795.22	4352195.93	84.67897	(21062823)	748287.59	4352207.74

748280.37	4352178.03	205.53891	(17122824)	748261.09	4352145.90
199.52044	(17013019)				
748232.18	4352102.53	194.26735	(20060406)	748241.81	4352072.82
239.56037	(17052506)				
748278.76	4352046.31	315.72330	(18120408)	748269.12	4352021.42
313.23705	(20102224)				
748281.17	4352000.53	371.05325	(18051522)	748278.76	4351958.77
361.66250	(20041805)				
748286.79	4351937.09	389.88126	(19113019)	748300.44	4351917.81
428.69676	(17122303)				
748500.42	4351912.19	330.04046	(19042319)	748500.42	4351883.28
339.24325	(18052420)				
748475.48	4351831.50	325.98491	(17121605)	748469.81	4351799.37
328.70800	(20021004)				
748499.10	4351778.59	279.62728	(17121605)	748495.32	4351718.11
246.40206	(20021004)				
748507.61	4351744.57	257.14875	(18010522)	748541.62	4351865.51
318.75942	(20083120)				
748504.77	4351644.41	200.05826	(20021004)	748509.50	4351615.12
174.02424	(20021004)				
748318.63	4351677.48	225.83899	(18041806)	748457.53	4351557.49
158.61529	(19010317)				
748321.47	4351642.52	211.46926	(18091406)	748344.14	4351584.89
211.40190	(20012423)				
748347.92	4351551.82	204.21212	(20012423)	748108.92	4351572.77
54.25355	(20032818)				
748036.17	4351387.56	26.75011	(19011517)	748033.33	4351360.16
23.06091	(19011116)				
748055.06	4351291.18	22.66642	(18011216)	748064.51	4351268.50
21.41387	(18011216)				
748083.41	4351244.88	18.16517	(17122016)	748090.03	4351220.31
17.48435	(17122016)				
748307.36	4351257.50	106.72472	(18091404)	748368.87	4351208.17
77.78998	(18091404)				
748336.38	4351195.40	60.65433	(18091404)	748381.64	4351190.18
66.56583	(21021005)				
748421.68	4351187.28	87.31500	(18070702)	748464.62	4351182.06
98.63251	(18120317)				
748470.43	4351237.19	148.02299	(18120317)	748419.36	4351230.80
106.41071	(20012424)				
748380.48	4351293.48	142.81396	(21021005)	748365.39	4351278.39
119.66452	(18091404)				
748197.10	4351361.95	96.65015	(17062624)	748210.45	4351328.29
96.69525	(20031901)				
748216.83	4351289.41	63.65102	(18091722)	748203.25	4351380.93
115.56075	(17062624)				
748225.78	4351410.97	136.24617	(17062624)	748428.09	4351922.02
1136.88380	(20093012)				
748417.57	4351907.07	436.76444	(20020112)	748422.00	4351896.54
423.80850	(20120114)				
748433.08	4351908.73	453.77214	(20022012)	748402.06	4351875.50
413.02258	(17062120)				
748409.67	4352024.65	234.41751	(21091720)	748425.96	4352031.17
221.85856	(21061219)				
748427.92	4352055.93	240.84445	(21071921)	748446.82	4352063.10
248.76270	(20082321)				
▲ *** AERMOD - VERSION 22112 ***		*** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass			
Boiler C ***	02/08/23				
*** AERMET - VERSION 19191 ***		*** NCSD Biomass Boiler Operational HRA			
***	12:47:22				

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

GROUP: ALL ***

INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** 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)
7.19775	747334.19 (20012010)	4349821.00	7.47152	(20012010)	747434.19	4349821.00
5.75576	747534.19 (21083108)	4349821.00	6.23686	(20012010)	747634.19	4349821.00
7.42891	747734.19 (21022317)	4349821.00	6.27344	(21022317)	747834.19	4349821.00
7.02494	747934.19 (20120709)	4349821.00	6.35562	(21123116)	748034.19	4349821.00
5.98911	748134.19 (20030208)	4349821.00	7.00879	(20030208)	748234.19	4349821.00
5.13912	748334.19 (20072219)	4349821.00	5.89996	(21011906)	748434.19	4349821.00
7.66626	747334.19 (20012010)	4349921.00	7.55085	(20012010)	747434.19	4349921.00
5.83715	747534.19 (17021509)	4349921.00	6.98269	(20012010)	747634.19	4349921.00
8.10896	747734.19 (21022317)	4349921.00	6.72787	(17020109)	747834.19	4349921.00
8.09352	747934.19 (18011316)	4349921.00	6.97357	(21123116)	748034.19	4349921.00
7.18542	748134.19 (20030208)	4349921.00	7.95724	(18011316)	748234.19	4349921.00
5.69784	748334.19 (20072219)	4349921.00	6.54324	(21011906)	748434.19	4349921.00
7.95806	747334.19 (20012010)	4350021.00	7.40748	(20012010)	747434.19	4350021.00
6.51342	747534.19 (20012010)	4350021.00	7.65127	(20012010)	747634.19	4350021.00
8.46919	747734.19 (21022317)	4350021.00	6.77094	(17020109)	747834.19	4350021.00
8.35378	747934.19 (18011316)	4350021.00	8.10167	(21022317)	748034.19	4350021.00
8.98469	748134.19 (20030208)	4350021.00	10.44212	(18011316)	748234.19	4350021.00
6.63818	748334.19 (20072219)	4350021.00	7.28508	(18022623)	748434.19	4350021.00
8.02741	747334.19 (20012010)	4350121.00	7.02051	(20012010)	747434.19	4350121.00
7.36580	747534.19 (20012010)	4350121.00	8.18923	(20012010)	747634.19	4350121.00
8.97402	747734.19 (17020109)	4350121.00	6.43375	(21072819)	747834.19	4350121.00
8.70947	747934.19 (18011316)	4350121.00	9.21181	(21022317)	748034.19	4350121.00
	748134.19	4350121.00	11.85252	(18011316)	748234.19	4350121.00

10.24228	(20030208)				
748334.19	4350121.00	8.15168	(18022623)	748434.19	4350121.00
7.78924	(20072219)				
747334.19	4350221.00	6.39030	(20012010)	747434.19	4350221.00
7.82759	(20012010)				
747534.19	4350221.00	8.52787	(20012010)	747634.19	4350221.00
8.15975	(20012010)				
747734.19	4350221.00	6.99068	(21072819)	747834.19	4350221.00
8.47435	(17020109)				
747934.19	4350221.00	9.98005	(21022317)	748034.19	4350221.00
9.00378	(19011016)				
748134.19	4350221.00	14.48143	(18011316)	748234.19	4350221.00
12.51242	(20030208)				
748334.19	4350221.00	9.65029	(18022623)	748434.19	4350221.00
9.54780	(21091007)				
747334.19	4350321.00	5.96627	(18123109)	747434.19	4350321.00
7.32517	(20012010)				
747534.19	4350321.00	8.59030	(20012010)	747634.19	4350321.00
8.81177	(20012010)				
747734.19	4350321.00	7.76398	(20012010)	747834.19	4350321.00
7.38243	(17020109)				
747934.19	4350321.00	10.54026	(21022317)	748034.19	4350321.00
9.96853	(19011016)				
748134.19	4350321.00	15.55109	(18011316)	748234.19	4350321.00
14.76367	(20030208)				
748334.19	4350321.00	11.09348	(17061319)	748434.19	4350321.00
10.72862	(20010109)				
747334.19	4350421.00	6.01037	(18123109)	747434.19	4350421.00
6.96096	(19013016)				
747534.19	4350421.00	8.91914	(18011216)	747634.19	4350421.00
9.34515	(18011216)				
747734.19	4350421.00	9.27172	(17122016)	747834.19	4350421.00
7.90992	(18122717)				
747934.19	4350421.00	10.58802	(21022317)	748034.19	4350421.00

11.13728 (21022317)
 *** AERMOD - VERSION 22112 *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler Operational HRA
 *** 12:47:22

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE
 GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** 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)
17.51516	748134.19	4350421.00	14.96447	(18011316)	748234.19	4350421.00
	(18011316)					
13.50924	748334.19	4350421.00	13.23840	(17061319)	748434.19	4350421.00
	(20062919)					
	747334.19	4350521.00	6.20747	(17122411)	747434.19	4350521.00

7.49620 (18123109)			
747534.19 4350521.00	8.24431 (18011216)	747634.19 4350521.00	
11.18555 (18011216)			
747734.19 4350521.00	10.75283 (17122016)	747834.19 4350521.00	
9.48182 (21072819)			
747934.19 4350521.00	10.29683 (17020109)	748034.19 4350521.00	
12.49345 (21022317)			
748134.19 4350521.00	13.20009 (18011316)	748234.19 4350521.00	
18.60456 (18011316)			
748334.19 4350521.00	15.33389 (17061319)	748434.19 4350521.00	
17.09470 (20062919)			
747334.19 4350621.00	6.82966 (21073019)	747434.19 4350621.00	
7.54632 (17122106)			
747534.19 4350621.00	9.31771 (17122109)	747634.19 4350621.00	
11.76613 (18011216)			
747734.19 4350621.00	12.40379 (18011216)	747834.19 4350621.00	
12.34692 (17122016)			
747934.19 4350621.00	11.25243 (17020109)	748034.19 4350621.00	
13.91067 (21022317)			
748134.19 4350621.00	11.84452 (21123116)	748234.19 4350621.00	
19.73966 (18011316)			
748334.19 4350621.00	17.99430 (20030208)	748434.19 4350621.00	
20.58919 (20062919)			
747334.19 4350721.00	9.48759 (18010811)	747434.19 4350721.00	
8.78010 (17121622)			
747534.19 4350721.00	9.44849 (17122109)	747634.19 4350721.00	
11.30794 (19011116)			
747734.19 4350721.00	14.45534 (18011216)	747834.19 4350721.00	
13.99057 (17122016)			
747934.19 4350721.00	13.03619 (18010914)	748034.19 4350721.00	
14.91372 (21022317)			
748134.19 4350721.00	13.52315 (21022317)	748234.19 4350721.00	
22.38108 (18011316)			
748334.19 4350721.00	20.75440 (20030208)	748434.19 4350721.00	
24.95494 (20062919)			
747334.19 4350821.00	12.63004 (18010811)	747434.19 4350821.00	
10.18873 (21073019)			
747534.19 4350821.00	10.27530 (17121622)	747634.19 4350821.00	
11.29462 (17122109)			
747734.19 4350821.00	13.74668 (18011216)	747834.19 4350821.00	
16.06911 (18011216)			
747934.19 4350821.00	15.50120 (17122016)	748034.19 4350821.00	
17.36651 (17020109)			
748134.19 4350821.00	17.20296 (21022317)	748234.19 4350821.00	
25.49557 (18011316)			
748334.19 4350821.00	25.11170 (20030208)	748434.19 4350821.00	
29.91178 (20062919)			
747334.19 4350921.00	13.95241 (18010811)	747434.19 4350921.00	
13.22486 (18010811)			
747534.19 4350921.00	11.77450 (21073019)	747634.19 4350921.00	
11.36323 (17121622)			
747734.19 4350921.00	14.53578 (19011116)	747834.19 4350921.00	
18.83183 (18011216)			
747934.19 4350921.00	19.51618 (17122016)	748034.19 4350921.00	
18.98890 (17020109)			
748134.19 4350921.00	22.54703 (21010916)	748234.19 4350921.00	
30.28516 (18011316)			
748334.19 4350921.00	31.87445 (20030208)	748434.19 4350921.00	
36.98992 (21011116)			
747334.19 4351021.00	12.56491 (18010811)	747434.19 4351021.00	
14.74851 (18010811)			

747534.19	4351021.00	13.29298	(18010811)	747634.19	4351021.00
13.29462	(21073019)				
747734.19	4351021.00	12.98684	(17122109)	747834.19	4351021.00
19.46794	(19011116)				
747934.19	4351021.00	22.63201	(18011216)	748034.19	4351021.00
22.56015	(20012010)				
748334.19	4351021.00	39.52404	(20030208)	748434.19	4351021.00
47.10494	(21011116)				
748534.19	4351021.00	40.98705	(21022217)	748634.19	4351021.00
53.18359	(19062219)				
747334.19	4351121.00	12.30437	(19122524)	747434.19	4351121.00
12.73875	(19122524)				
747534.19	4351121.00	14.63181	(18010811)	747634.19	4351121.00
13.54903	(21073019)				
*** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass Boiler C *** 02/08/23 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler Operational HRA *** 12:47:22					

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

GROUP: ALL ***

 INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** 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)

21.34379	747734.19	4351121.00	16.24013	(19083007)	747834.19	4351121.00
	(19011116)					
	747934.19	4351121.00	26.28553	(18011216)	748034.19	4351121.00
	(17122016)					
27.69821	748334.19	4351121.00	59.87749	(18011316)	748434.19	4351121.00
	(21021002)					
108.37760	748534.19	4351121.00	152.96033	(18120317)	748634.19	4351121.00
	(19073002)					
162.15896	747334.19	4351221.00	17.85816	(17121510)	747434.19	4351221.00
	(17121510)					
13.71076	747534.19	4351221.00	14.60598	(20090918)	747634.19	4351221.00
	(20120620)					
15.68616	747734.19	4351221.00	17.25073	(21073019)	747834.19	4351221.00
	(17122411)					
20.22691	747934.19	4351221.00	31.75601	(19011116)	748034.19	4351221.00
	(18011216)					
37.86177	748134.19	4351221.00	39.85720	(17020109)	748234.19	4351221.00
	(19020109)					
73.69794	748434.19	4351221.00	208.48882	(20012424)	748634.19	4351221.00
	(19120501)					
250.43918	747334.19	4351321.00	20.35157	(17121510)	747434.19	4351321.00
	(17121510)					
18.91883	747534.19	4351321.00	16.43965	(18021217)	747634.19	4351321.00
	(20090918)					
17.95587	747734.19	4351321.00	21.53081	(19011512)	747834.19	4351321.00
	(19120610)					
22.69573						

747934.19	4351321.00	26.87257	(17030708)	748034.19	4351321.00
41.97353	(19011116)				
748234.19	4351321.00	225.77229	(20031901)	748334.19	4351321.00
392.90868	(18091404)				
748434.19	4351321.00	411.64703	(20012424)	746434.19	4351421.00
19.02719	(17031924)				
746534.19	4351421.00	16.51831	(20090919)	746634.19	4351421.00
15.14347	(17120319)				
747334.19	4351421.00	19.05883	(17121510)	747434.19	4351421.00
19.71459	(17121510)				
747534.19	4351421.00	20.54372	(17121510)	747634.19	4351421.00
19.84968	(17121510)				
747734.19	4351421.00	26.46470	(17122911)	747834.19	4351421.00
30.05346	(17011216)				
747934.19	4351421.00	42.21996	(18112809)	748034.19	4351421.00
56.32870	(19011517)				
748234.19	4351421.00	276.53824	(20031901)	748334.19	4351421.00
410.40066	(18091404)				
746434.19	4351521.00	66.39432	(17122702)	746534.19	4351521.00
67.00297	(17031924)				
746634.19	4351521.00	52.90848	(17031924)	747334.19	4351521.00
21.91807	(19122314)				
747434.19	4351521.00	17.47477	(21060906)	747534.19	4351521.00
20.11113	(17021117)				
747634.19	4351521.00	26.06513	(17121510)	747734.19	4351521.00
27.92273	(17121510)				
747834.19	4351521.00	42.61538	(17011216)	747934.19	4351521.00
65.52426	(17011216)				
748034.19	4351521.00	68.94155	(18060506)	748103.00	4351532.34
96.58810	(19011517)				
748083.00	4351484.15	90.23106	(19011517)	748334.19	4351521.00
422.48063	(20012423)				
748451.19	4351515.33	274.74942	(19010317)	748534.19	4351521.00
222.37772	(20021004)				
748634.19	4351521.00	143.33511	(20081419)	746434.19	4351621.00
47.68939	(17012307)				
746534.19	4351621.00	54.44041	(17012307)	746634.19	4351621.00
72.88807	(17122702)				
747334.19	4351621.00	24.69125	(20010916)	747434.19	4351621.00
20.54000	(20010916)				
747534.19	4351621.00	19.15818	(20010916)	747634.19	4351621.00
22.03249	(21060906)				
747734.19	4351621.00	27.51827	(17021117)	747834.19	4351621.00
33.33875	(17021117)				
747934.19	4351621.00	51.21880	(18122301)	748034.19	4351621.00
111.09591	(17011216)				
748073.71	4351672.02	143.38228	(17021808)	748234.19	4351621.00
255.08172	(21120622)				
748334.19	4351621.00	424.38383	(18011419)	748534.19	4351621.00
286.01737	(21122004)				
746434.19	4351721.00	45.30173	(18113003)	746534.19	4351721.00
46.96823	(18113003)				
746634.19	4351721.00	49.01732	(18113003)	747334.19	4351721.00
121.30895	(17031924)				

▲ *** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler Operational HRA
 *** 12:47:22

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

GROUP: ALL *** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE
 INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** 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)
20.01127	747434.19	4351721.00	21.44888	(20041622)	747534.19	4351721.00
27.71637	(20020823)					
50.46335	747634.19	4351721.00	21.67433	(19122523)	747734.19	4351721.00
213.91742	(20010916)					
497.51512	747834.19	4351721.00	32.89041	(18012910)	747934.19	4351721.00
341.91958	(18010420)					
47.94561	748034.19	4351721.00	103.71132	(19121424)	748134.19	4351721.00
74.30094	(17021808)					
57.05870	748234.19	4351721.00	301.29723	(18091423)	748334.19	4351721.00
26.59942	(18041806)					
39.73357	748534.19	4351721.00	438.53864	(17121605)	748634.19	4351721.00
100.04026	(18082323)					
80.36159	746434.19	4351821.00	41.91848	(17011202)	746534.19	4351821.00
34.04602	(17011202)					
	746634.19	4351821.00	40.13825	(17011202)	747334.19	4351821.00
	(17012307)					
	747434.19	4351821.00	210.98691	(21012821)	747534.19	4351821.00
	(21012821)					
	747634.19	4351821.00	25.03878	(17100202)	747734.19	4351821.00
	(20020824)					
	747834.19	4351821.00	37.63578	(17013110)	747934.19	4351821.00
	(20040322)					
	748034.19	4351821.00	126.20341	(19083120)	748134.19	4351821.00
	(18010420)					
	748234.19	4351821.00	327.35015	(18122301)	748534.19	4351821.00
	(17121704)					
	748634.19	4351821.00	467.52528	(20081620)	746434.19	4351921.00
	(20012402)					
	746534.19	4351921.00	42.21813	(20012402)	746634.19	4351921.00
	(20012402)					
	747334.19	4351921.00	64.51778	(18013006)	747434.19	4351921.00
	(20012402)					
	747534.19	4351921.00	165.02391	(21012821)	747634.19	4351921.00
	(20121416)					
	747734.19	4351921.00	27.86388	(20122719)	747834.19	4351921.00
	(17011202)					
	747934.19	4351921.00	79.03566	(17011202)	748034.19	4351921.00
	(17011202)					
	748134.19	4351921.00	258.70583	(19113019)	748234.19	4351921.00
	(17122702)					
	748549.88	4351948.46	584.57365	(20120517)	749034.19	4351921.00
	(20060220)					
	749134.19	4351921.00	98.92533	(17061822)	749234.19	4351921.00
	(17061822)					
	749334.19	4351921.00	229.90150	(21073122)	749434.19	4351921.00
	(17073119)					
	749534.19	4351921.00	27.97668	(18062119)	749634.19	4351921.00

78.63425 (17112118)					
746434.19 4352021.00	35.25942 (18120616)	746534.19 4352021.00			
35.95429 (18120616)					
746634.19 4352021.00	36.56669 (18120616)	747334.19 4352021.00			
49.49965 (17011424)					
747434.19 4352021.00	59.92407 (18051324)	747534.19 4352021.00			
136.78867 (20041805)					
747634.19 4352021.00	25.79379 (17050604)	747734.19 4352021.00			
24.47214 (17050604)					
747834.19 4352021.00	35.13932 (18011610)	747934.19 4352021.00			
88.42036 (21111305)					
748034.19 4352021.00	194.28631 (21111305)	748134.19 4352021.00			
304.37443 (21120704)					
748234.19 4352021.00	531.44673 (18051522)	749034.19 4352021.00			
93.02621 (20071619)					
749134.19 4352021.00	90.41822 (20071619)	749234.19 4352021.00			
90.11518 (20071619)					
749334.19 4352021.00	148.40355 (18012017)	749434.19 4352021.00			
62.00308 (18120217)					
749534.19 4352021.00	48.47761 (20071619)	749634.19 4352021.00			
196.04851 (18120517)					
746434.19 4352121.00	32.26564 (20041805)	746534.19 4352121.00			
32.51385 (20041805)					
746634.19 4352121.00	32.60485 (20041805)	747334.19 4352121.00			
49.62958 (21020822)					
747434.19 4352121.00	61.50535 (21020822)	747534.19 4352121.00			
96.24339 (21111305)					
747634.19 4352121.00	87.75626 (21111305)	747734.19 4352121.00			
34.69655 (17111303)					
747834.19 4352121.00	64.28420 (18051522)	747934.19 4352121.00			
209.53141 (18051522)					
748034.19 4352121.00	295.41847 (20102224)	748134.19 4352121.00			
312.56997 (17052506)					

*** AERMOD - VERSION 22112 *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
 Boiler C *** 02/08/23
 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler Operational HRA
 *** 12:47:22

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE
 GROUP: ALL ***
 INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** 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)
188.14225 (21022518)	748234.19	4352121.00	371.98158	(17030702)	748834.19	4352121.00
93.31434 (20052719)	748934.19	4352121.00	120.40205	(20052719)	749034.19	4352121.00
64.09417 (21060119)	749134.19	4352121.00	70.85032	(20092018)	749234.19	4352121.00
	749334.19	4352121.00	78.42500	(21060119)	749434.19	4352121.00

222.44861 (20011817)			
749534.19 4352121.00	123.20093 (18120217)	749634.19	4352121.00
104.78165 (19020108)			
746434.19 4352221.00	34.92461 (21020822)	746534.19	4352221.00
36.87207 (21020822)			
746634.19 4352221.00	38.74822 (21020822)	747334.19	4352221.00
49.72403 (18122105)			
747434.19 4352221.00	64.49303 (18122105)	747534.19	4352221.00
82.89623 (21072624)			
747634.19 4352221.00	169.48062 (18051522)	747734.19	4352221.00
184.27808 (20102224)			
747834.19 4352221.00	268.84688 (20102224)	747934.19	4352221.00
224.54119 (20102224)			
748034.19 4352221.00	289.58734 (18120408)	748134.19	4352221.00
361.70426 (18040424)			
748234.19 4352221.00	268.16990 (18052323)	748334.19	4352221.00
384.41354 (18091403)			
748634.19 4352221.00	263.74038 (20052720)	748734.19	4352221.00
197.76255 (18071521)			
748834.19 4352221.00	137.21582 (20072023)	748934.19	4352221.00
103.19811 (17052319)			
749034.19 4352221.00	82.63656 (20052519)	749134.19	4352221.00
74.97404 (17071619)			
749234.19 4352221.00	66.07647 (17071619)	749334.19	4352221.00
76.13053 (20052719)			
749434.19 4352221.00	95.28838 (18020318)	749534.19	4352221.00
181.65069 (20011817)			
749634.19 4352221.00	70.88781 (20062320)	747534.19	4352321.00
159.29184 (20102224)			
747634.19 4352321.00	173.86006 (20102224)	747734.19	4352321.00
195.69626 (20102224)			
747834.19 4352321.00	169.27625 (18120408)	747934.19	4352321.00
114.58856 (20092618)			
748034.19 4352321.00	192.39815 (18012620)	748134.19	4352321.00
311.03497 (17013019)			
748234.19 4352321.00	132.07797 (18013109)	748316.40	4352317.66
160.33258 (18011509)			
748653.16 4352331.51	209.84172 (17122618)	748734.19	4352321.00
131.49928 (20081521)			
748834.19 4352321.00	109.45416 (18092718)	748934.19	4352321.00
84.96854 (18050519)			
749034.19 4352321.00	72.18221 (18072621)	749134.19	4352321.00
65.18651 (17021809)			
749234.19 4352321.00	61.71787 (20052519)	749334.19	4352321.00
69.57754 (17071619)			
749434.19 4352321.00	74.77159 (20081602)	749534.19	4352321.00
79.58879 (20062620)			
749634.19 4352321.00	61.90365 (18071721)	747534.19	4352421.00
50.69698 (20102224)			
747634.19 4352421.00	64.50584 (17052506)	747734.19	4352421.00
164.97821 (17052506)			
747834.19 4352421.00	81.32125 (17020804)	747934.19	4352421.00
91.63739 (18061720)			
748734.19 4352421.00	98.64355 (20090219)	748834.19	4352421.00
87.10207 (21071321)			
748934.19 4352421.00	76.97689 (19062006)	749034.19	4352421.00
65.61571 (19082719)			
749134.19 4352421.00	58.90752 (20081105)	749234.19	4352421.00
57.43527 (21092807)			
749334.19 4352421.00	55.43950 (18071020)	749434.19	4352421.00
66.77205 (20052519)			

749534.19	4352421.00	66.85828	(20052519)	749634.19	4352421.00
62.21396	(17071619)				
747634.19	4352521.00	82.80010	(18120408)	747734.19	4352521.00
62.40275	(17020804)				
747834.19	4352521.00	70.55565	(18061720)	747934.19	4352521.00
80.48534	(19052719)				
748134.19	4352521.00	62.19034	(17120109)	748234.19	4352521.00
151.80609	(18013109)				
748314.18	4352541.00	402.49692	(18091605)	748734.19	4352521.00
133.87905	(18012709)				
748834.19	4352521.00	77.45985	(19010809)	748934.19	4352521.00
66.33353	(21071321)				
*** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass Boiler C *** 02/08/23 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler Operational HRA *** 12:47:22					

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

GROUP: ALL ***

INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** 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)

57.92343	749034.19	4352521.00	63.81338	(19062006)	749134.19	4352521.00
	(20090720)					
	749234.19	4352521.00	54.09251	(19061320)	749334.19	4352521.00
51.70015	(21092807)					
	749434.19	4352521.00	62.21800	(18090619)	749534.19	4352521.00
66.80045	(18071020)					
	749634.19	4352521.00	60.82959	(19061520)	747634.19	4352621.00
52.23408	(18061720)					
	747734.19	4352621.00	57.18811	(18061720)	747834.19	4352621.00
70.42607	(19052719)					
	748134.19	4352621.00	406.08415	(18062806)	748234.19	4352621.00
443.28954	(18010823)					
	748334.19	4352621.00	396.93144	(17123124)	748734.19	4352621.00
87.52850	(19011509)					
	748834.19	4352621.00	66.98798	(20123009)	748934.19	4352621.00
65.60359	(19010809)					
	749034.19	4352621.00	58.09276	(18073121)	747634.19	4352721.00
48.72840	(17011318)					
	747734.19	4352721.00	51.24638	(20030102)	747834.19	4352721.00
65.32916	(17120109)					
	747934.19	4352721.00	80.53006	(17120109)	748034.19	4352721.00
75.12440	(21121416)					
	748134.19	4352721.00	91.26230	(21081119)	748234.19	4352721.00
107.43976	(19122924)					
	748334.19	4352721.00	105.79210	(20120309)	748643.08	4352725.44
71.45262	(20010116)					
	748734.19	4352721.00	69.36435	(21061106)	748834.19	4352721.00
71.11407	(20123009)					

748934.19	4352721.00	57.13787	(17070821)	749034.19	4352721.00
56.18069	(19010809)				
747634.19	4352821.00	48.14610	(20122209)	747734.19	4352821.00
47.89054	(17032424)				
747834.19	4352821.00	56.08139	(17120109)	747934.19	4352821.00
59.50102	(17061706)				
748034.19	4352821.00	82.49777	(21121416)	748134.19	4352821.00
76.45782	(17122910)				
748234.19	4352821.00	90.47133	(20120109)	748334.19	4352821.00
96.15338	(20120309)				
748634.19	4352821.00	65.39998	(18120309)	748734.19	4352821.00
70.91973	(18071306)				
748834.19	4352821.00	62.05888	(21080219)	748934.19	4352821.00
62.52161	(20123009)				
749034.19	4352821.00	53.37579	(19072721)	747634.19	4352921.00
45.14409	(17032424)				
747734.19	4352921.00	48.66958	(18040107)	747834.19	4352921.00
55.60188	(17061706)				
747934.19	4352921.00	51.57357	(18081620)	748034.19	4352921.00
58.35987	(21081119)				
748134.19	4352921.00	67.58642	(17122910)	748234.19	4352921.00
70.46383	(17062106)				
748334.19	4352921.00	93.97377	(21120309)	748434.19	4352921.00
81.57420	(21110308)				
748534.19	4352921.00	64.73064	(20110308)	748634.19	4352921.00
62.46385	(18120309)				
748734.19	4352921.00	63.43917	(18071306)	748834.19	4352921.00
59.25371	(21061106)				
748934.19	4352921.00	60.68615	(20123009)	749034.19	4352921.00
51.53094	(17090319)				
747634.19	4353021.00	44.03663	(20051904)	747734.19	4353021.00
51.36944	(17061706)				
747834.19	4353021.00	50.03080	(18080320)	747934.19	4353021.00
52.34131	(21121416)				
748034.19	4353021.00	54.30058	(19080620)	748134.19	4353021.00
59.46529	(17061606)				
748234.19	4353021.00	59.71762	(17062106)	748334.19	4353021.00
67.89603	(21120309)				
748434.19	4353021.00	64.68189	(21110308)	748534.19	4353021.00
64.16072	(19120509)				
748634.19	4353021.00	60.86820	(17122209)	748734.19	4353021.00
58.43679	(20010116)				
748834.19	4353021.00	62.81761	(18071306)	748934.19	4353021.00
57.36534	(20091318)				
747634.19	4353121.00	45.93438	(18040107)	747734.19	4353121.00
50.30457	(18080320)				
747834.19	4353121.00	47.17231	(18081620)	747934.19	4353121.00
52.80409	(21081119)				
748034.19	4353121.00	53.48229	(19080620)	748134.19	4353121.00
59.71996	(20120109)				
748234.19	4353121.00	55.63481	(19062106)	748334.19	4353121.00
63.86160	(21120309)				

*** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
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 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler Operational HRA
 *** 12:47:22

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

GROUP: ALL ***

INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** 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)
62.35348	748434.19 (19120509)	4353121.00	60.83073	(21110308)	748534.19	4353121.00
54.40032	748634.19 (18102317)	4353121.00	57.78777	(18062606)	748734.19	4353121.00
52.96320	748834.19 (20071506)	4353121.00	61.07662	(18071306)	748934.19	4353121.00
47.55167	747634.19 (18080320)	4353221.00	45.77475	(18080320)	747734.19	4353221.00
50.16206	747834.19 (21081119)	4353221.00	46.64565	(20051901)	747934.19	4353221.00
57.24345	748034.19 (20120109)	4353221.00	48.90889	(18061006)	748134.19	4353221.00
59.80577	748234.19 (21120309)	4353221.00	53.58845	(19062106)	748334.19	4353221.00
59.74824	748434.19 (19120509)	4353221.00	57.13384	(21110308)	748534.19	4353221.00
52.93686	748634.19 (18102317)	4353221.00	56.83298	(21062506)	748734.19	4353221.00
53.00030	748834.19 (18071306)	4353221.00	54.36964	(18071306)	748934.19	4353221.00
44.98222	747634.19 (20042221)	4353321.00	48.22016	(18080320)	747734.19	4353321.00
49.51592	747834.19 (19080620)	4353321.00	47.01609	(18051601)	747934.19	4353321.00
53.75280	748034.19 (21040707)	4353321.00	50.34836	(17061606)	748134.19	4353321.00
55.81164	748234.19 (21120309)	4353321.00	51.55920	(20053119)	748334.19	4353321.00
56.72637	748434.19 (19120509)	4353321.00	54.19643	(20060206)	748534.19	4353321.00
52.46487	748634.19 (19062806)	4353321.00	55.15632	(21062506)	748734.19	4353321.00
54.28098	748834.19 (18071306)	4353321.00	50.30721	(19072620)	748934.19	4353321.00
50.97506	748134.19 (20121509)	4353421.00	50.59637	(21040707)	748234.19	4353421.00
52.24225	748334.19 (21071106)	4353421.00	51.99869	(21120309)	748434.19	4353421.00
52.49148	748534.19 (21062506)	4353421.00	53.53787	(19120509)	748634.19	4353421.00
49.19669	748734.19 (21072602)	4353421.00	51.76026	(19062806)	748834.19	4353421.00
46.63450	748934.19 (21040707)	4353421.00	51.40706	(18071306)	748134.19	4353521.00
49.87046	748234.19 (17121109)	4353521.00	49.73603	(20121509)	748334.19	4353521.00
50.33974	748434.19 (19120509)	4353521.00	50.79073	(21071106)	748534.19	4353521.00
	748634.19	4353521.00	50.19078	(17040507)	748734.19	4353521.00

49.84174 (17070506)	748834.19 4353521.00	48.13076 (21062721)	748934.19 4353521.00
48.59940 (21090719)	748134.19 4353621.00	45.94157 (21072701)	748234.19 4353621.00
48.03292 (20121509)	748334.19 4353621.00	47.93015 (17121109)	748434.19 4353621.00
49.24710 (21071106)	748534.19 4353621.00	47.98156 (18052406)	748634.19 4353621.00
48.12143 (21072523)	748734.19 4353621.00	48.24844 (17070506)	748834.19 4353621.00
47.35159 (21062721)	748934.19 4353621.00	47.12316 (19072620)	748134.19 4353721.00
45.00849 (21072701)	748234.19 4353721.00	46.04338 (20121509)	748334.19 4353721.00
46.35297 (18121209)	748434.19 4353721.00	47.66221 (21071106)	748534.19 4353721.00
46.35629 (21053106)	748634.19 4353721.00	46.73596 (21072523)	748734.19 4353721.00
46.51572 (20072206)	748834.19 4353721.00	46.62868 (21081522)	748934.19 4353721.00
45.85103 (17071621)	748134.19 4353821.00	43.81230 (20071106)	748234.19 4353821.00
43.89521 (20121509)	748334.19 4353821.00	44.91728 (18121209)	748434.19 4353821.00
46.07143 (21071106)	748534.19 4353821.00	45.17007 (21061721)	748634.19 4353821.00
45.29084 (19072722)	748734.19 4353821.00	44.98634 (20072206)	748834.19 4353821.00
45.10526 (21081522)	748934.19 4353821.00	44.65799 (19090222)	748584.52 4352211.05
322.38746 (18080721)			
*** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass Boiler C *** 02/08/23 *** AERMET - VERSION 19191 *** *** NCSD Biomass Boiler Operational HRA *** 12:47:22			

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

GROUP: ALL ***

INCLUDING SOURCE(S): STCK1 , STCK2 ,

*** 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)
325.86781	748617.59	4352190.26	304.85195	(20052720)	748591.14	4352250.73
269.72749	748669.56	4352215.77	239.22989	(20050820)	748616.64	4352277.19
215.14531	748690.34	4352249.78	200.53771	(17070721)	748642.16	4352387.73
185.54859	748768.76	4352459.53	87.63556	(20090219)	748812.23	4352155.30
	748804.67	4352253.56	139.24471	(19082719)	748392.72	4352234.67

440.56873 (17123124)			
748369.10 4352211.99	454.92132 (18052123)	748306.74	4352223.33
350.01704 (18091605)			
748795.22 4352195.93	172.96139 (20100518)	748287.59	4352207.74
376.35638 (17071105)			
748280.37 4352178.03	415.74558 (17122824)	748261.09	4352145.90
399.48482 (17013019)			
748232.18 4352102.53	389.85162 (20060406)	748241.81	4352072.82
479.10348 (17052506)			
748278.76 4352046.31	632.89044 (18120408)	748269.12	4352021.42
628.66407 (20102224)			
748281.17 4352000.53	742.62972 (18051522)	748278.76	4351958.77
727.70843 (20041805)			
748286.79 4351937.09	781.58384 (19113019)	748300.44	4351917.81
860.83702 (17122303)			
748500.42 4351912.19	649.97182 (17060520)	748500.42	4351883.28
675.50084 (19062023)			
748475.48 4351831.50	652.66171 (17121605)	748469.81	4351799.37
661.77278 (20021004)			
748499.10 4351778.59	559.75073 (17121605)	748495.32	4351718.11
496.23492 (20021004)			
748507.61 4351744.57	517.62897 (18010522)	748541.62	4351865.51
619.24991 (20083120)			
748504.77 4351644.41	406.74141 (20021004)	748509.50	4351615.12
354.26257 (20021004)			
748318.63 4351677.48	451.57301 (18041806)	748457.53	4351557.49
314.02404 (19010317)			
748321.47 4351642.52	423.33309 (18091406)	748344.14	4351584.89
422.46317 (20012423)			
748347.92 4351551.82	407.26493 (20012423)	748108.92	4351572.77
106.19925 (20032818)			
748036.17 4351387.56	52.65864 (19011517)	748033.33	4351360.16
46.11597 (19011116)			
748055.06 4351291.18	45.37553 (18011216)	748064.51	4351268.50
42.80624 (18011216)			
748083.41 4351244.88	36.38542 (17122016)	748090.03	4351220.31
34.97021 (17122016)			
748307.36 4351257.50	216.96811 (18091404)	748368.87	4351208.17
157.26278 (18091404)			
748336.38 4351195.40	123.31011 (18091404)	748381.64	4351190.18
136.07269 (21021005)			
748421.68 4351187.28	177.37009 (18070702)	748464.62	4351182.06
200.13980 (18120317)			
748470.43 4351237.19	297.82393 (18120317)	748419.36	4351230.80
216.59217 (20012424)			
748380.48 4351293.48	290.38171 (21021005)	748365.39	4351278.39
241.06823 (18091404)			
748197.10 4351361.95	196.42637 (17062624)	748210.45	4351328.29
196.46112 (20031901)			
748216.83 4351289.41	129.56713 (18091722)	748203.25	4351380.93
234.51223 (17062624)			
748225.78 4351410.97	275.53100 (17062624)	748428.09	4351922.02
2180.74441 (19042311)			
748417.57 4351907.07	849.86748 (20020112)	748422.00	4351896.54
819.91266 (20120114)			
748433.08 4351908.73	894.18196 (20022211)	748402.06	4351875.50
805.45454 (17062120)			
748409.67 4352024.65	470.02150 (21111518)	748425.96	4352031.17
444.34313 (21073119)			
748427.92 4352055.93	483.75749 (21071820)	748446.82	4352063.10
506.58295 (20082321)			

▲ *** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43824 HRS) RESULTS ***

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

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

STCK1	1ST HIGHEST VALUE IS	82.73259 AT (	748446.82,	4352063.10,	1892.76,	2660.33,
0.00)	DC					
	2ND HIGHEST VALUE IS	61.71548 AT (	748427.92,	4352055.93,	1893.41,	2660.33,
0.00)	DC					
	3RD HIGHEST VALUE IS	60.67591 AT (	748428.09,	4351922.02,	1894.44,	2660.33,
0.00)	DC					
	4TH HIGHEST VALUE IS	54.96695 AT (	748425.96,	4352031.17,	1892.77,	2660.33,
0.00)	DC					
	5TH HIGHEST VALUE IS	34.29195 AT (	748417.57,	4351907.07,	1896.08,	2660.33,
0.00)	DC					
	6TH HIGHEST VALUE IS	27.29197 AT (	748402.06,	4351875.50,	1898.82,	2624.25,
0.00)	DC					
	7TH HIGHEST VALUE IS	25.48821 AT (	748422.00,	4351896.54,	1895.70,	2660.33,
0.00)	DC					
	8TH HIGHEST VALUE IS	22.02325 AT (	748409.67,	4352024.65,	1894.42,	2660.33,
0.00)	DC					
	9TH HIGHEST VALUE IS	17.76567 AT (	748433.08,	4351908.73,	1894.09,	2660.33,
0.00)	DC					
	10TH HIGHEST VALUE IS	10.96669 AT (	748591.14,	4352250.73,	1882.09,	2660.33,
0.00)	DC					
STCK2	1ST HIGHEST VALUE IS	80.78650 AT (	748446.82,	4352063.10,	1892.76,	2660.33,
0.00)	DC					
	2ND HIGHEST VALUE IS	64.22778 AT (	748428.09,	4351922.02,	1894.44,	2660.33,
0.00)	DC					
	3RD HIGHEST VALUE IS	57.80871 AT (	748427.92,	4352055.93,	1893.41,	2660.33,
0.00)	DC					
	4TH HIGHEST VALUE IS	49.81957 AT (	748425.96,	4352031.17,	1892.77,	2660.33,
0.00)	DC					
	5TH HIGHEST VALUE IS	36.55923 AT (	748417.57,	4351907.07,	1896.08,	2660.33,
0.00)	DC					
	6TH HIGHEST VALUE IS	27.87288 AT (	748402.06,	4351875.50,	1898.82,	2624.25,
0.00)	DC					
	7TH HIGHEST VALUE IS	26.93042 AT (	748422.00,	4351896.54,	1895.70,	2660.33,
0.00)	DC					
	8TH HIGHEST VALUE IS	19.14064 AT (	748433.08,	4351908.73,	1894.09,	2660.33,
0.00)	DC					
	9TH HIGHEST VALUE IS	19.02260 AT (	748409.67,	4352024.65,	1894.42,	2660.33,
0.00)	DC					
	10TH HIGHEST VALUE IS	10.93515 AT (	748591.14,	4352250.73,	1882.09,	2660.33,
0.00)	DC					

ALL	1ST HIGHEST VALUE IS	163.51909 AT (	748446.82,	4352063.10,	1892.76,	2660.33,
0.00) DC						
	2ND HIGHEST VALUE IS	124.90369 AT (	748428.09,	4351922.02,	1894.44,	2660.33,
0.00) DC						
	3RD HIGHEST VALUE IS	119.52419 AT (	748427.92,	4352055.93,	1893.41,	2660.33,
0.00) DC						
	4TH HIGHEST VALUE IS	104.78652 AT (	748425.96,	4352031.17,	1892.77,	2660.33,
0.00) DC						
	5TH HIGHEST VALUE IS	70.85118 AT (	748417.57,	4351907.07,	1896.08,	2660.33,
0.00) DC						
	6TH HIGHEST VALUE IS	55.16485 AT (	748402.06,	4351875.50,	1898.82,	2624.25,
0.00) DC						
	7TH HIGHEST VALUE IS	52.41863 AT (	748422.00,	4351896.54,	1895.70,	2660.33,
0.00) DC						
	8TH HIGHEST VALUE IS	41.04585 AT (	748409.67,	4352024.65,	1894.42,	2660.33,
0.00) DC						
	9TH HIGHEST VALUE IS	36.90631 AT (	748433.08,	4351908.73,	1894.09,	2660.33,
0.00) DC						
	10TH HIGHEST VALUE IS	21.90184 AT (	748591.14,	4352250.73,	1882.09,	2660.33,
0.00) DC						

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

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

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

**

GROUP ID		NETWORK		AVERAGE CONC		DATE		RECEPTOR (XR, YR, ZELEV,	
ZHILL, ZFLAG)	OF TYPE	GRID-ID		(YYMMDDHH)					
STCK1	HIGH	1ST HIGH VALUE IS	1075.70082	ON 19042311:	AT (	748428.09,	4351922.02,	1894.44,	
2660.33,	0.00)	DC							
STCK2	HIGH	1ST HIGH VALUE IS	1136.88380	ON 20093012:	AT (	748428.09,	4351922.02,	1894.44,	
2660.33,	0.00)	DC							
ALL	HIGH	1ST HIGH VALUE IS	2180.74441	ON 19042311:	AT (	748428.09,	4351922.02,	1894.44,	
2660.33,	0.00)	DC							

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

▲ *** AERMOD - VERSION 22112 *** *** C:\Lakes\AERMOD View\NCSD Biomass Boiler Const\NCSD Biomass
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 1699 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 659 Calm Hours Identified

A Total of 1040 Missing Hours Identified (2.37 Percent)

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

***** WARNING MESSAGES *****
ME W186 140 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 140 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***
