

Rule 1200 Health Risk Assessment

Facility Name: Kearny Mesa Skilled Nursing & Rehab Center
Facility ID: APCD2026-SITE-05078
Application: APCD2026-APP-009200
Project Engineer: Austin Stein
Modeler: Bill Reeve
Toxics Risk Analyst: Peter Ossowski
Date Submitted to Toxics: 6/22/2026
Date Completed by Toxics: 7/17/2026
HRA Tools Used: Lakes-AERMOD (Version 24142)/HARP (v22118)

The following estimated risks are valid only for the input data provided by the Project Engineer.

Estimated worker risk does not exceed the residential risk. Therefore, only residential risk is presented in the following results.

Estimated Risk Levels:

Maximum Individual Cancer Risk (Resident)	2.08 in one million
Chronic Noncancer Health Hazard Index (Resident)	= 7.02E-04
Acute Health Hazard Index (*PMI)	= 8.42E-02

*Point of Maximum Impact

The estimated cancer risk for the application exceeds Rule 1200 limits of 1 in one million (not equipped with T-BACT) at 50 hours, therefore the project is within Rule 1200 thresholds contingent on Routine Maintenance and Testing limited to 24 hours a year.

Input Data Provided by Project Engineer:

Type of Source: Emergency Engine

Worst-Case TAC Emissions Increase:

Toxic Air Contaminant	Hourly Emission Rate (lb/hr)	Annual Emission Rate (lb/yr)
DIESEL PARTICULATE	N/A	2.56E+00
ACETALDEHYDE	6.97E-03	3.48E-01
ARSENIC COMPOUNDS	1.42E-05	7.12E-04
BENZENE	1.66E-03	8.29E-02
BUTADIENE, 1,3-	1.93E-03	9.66E-02
CADMIUM AND COMPOUNDS	1.34E-05	6.68E-04
CHLOROBENZENE	1.78E-06	8.90E-05
CHROMIUM (HEXAVALENT)	8.90E-07	4.45E-05
COPPER AND COMPOUNDS	3.65E-05	1.82E-03
ETHYL BENZENE	9.70E-05	4.85E-03
FORMALDEHYDE	1.54E-02	7.68E-01
HEXANE-N	2.39E-04	1.20E-02
HYDROCHLORIC ACID	1.66E-03	8.29E-02
LEAD & COMPOUNDS	7.39E-05	3.69E-03
MANGANESE AND COMPOUNDS	2.76E-05	1.38E-03
MERCURY AND COMPOUNDS (INORGANIC)	1.78E-05	8.90E-04
NAPHTHALENE	1.75E-04	8.77E-03
NICKEL AND NICKEL COMPOUNDS	3.47E-05	1.74E-03
POLYCYCLIC AROM. HC (PAH) [Treat as B(a)P for HRA]	3.22E-04	1.61E-02
PROPYLENE	4.16E-03	2.08E-01
SELENIUM AND COMPOUNDS	1.96E-05	9.79E-04
TOLUENE	9.38E-04	4.69E-02
XYLENES	3.77E-04	1.89E-02

Source: Acute TACs – Ventura County, 5/17/01.

Diesel particulate exhaust is a surrogate for all toxic air contaminant annual emissions from diesel-fueled engines when determining the potential cancer risk and noncancer chronic hazard index. Speciated toxic air contaminant hourly emissions are used when determining the potential noncancer acute hazard index.

Process Data:

Operation Parameter	Value
Max annual operating hours (hr/yr)	50
Fuel consumption (gal/hr)	8.9
Engine horsepower (bhp)	173
Diesel particulate emission factor (g/hp-hr)	0.13

Release Parameters:

Source Type
Type: POINT Source ID: STCK1 Release Type: Vertical

Description: (Optional)

Source Location

X Coordinate: 485299.85 [m]
Y Coordinate: 3628996.76 [m]
Base Elevation: 378.117 [ft]
Release Height: 10.0 [ft]

Platform...

Source Release Parameters

Emission Rate: 1 [g/s]
Gas Exit Temperature: 913.0 [F] ☒ Fixed ☐ Ambient ☐ Above Ambient
Stack Inside Diameter: 0.101 [m]
Gas Exit Velocity: 190.577 [ft/s]
Gas Exit Flow Rate: 978.0 [ft³/min]

Help [Icons] New [Icons] Close

Discussion

The HRA was conducted in accordance with EPA and OEHHA guidance and District standard procedures. A point source was modeled with refined air dispersion modeling using EPA's AERMOD model, AERMET (Version 24142) processed Kearny Villa Road 2020/2022 sigma theta meteorology data, AERMAP terrain processing, and urban dispersion coefficients. Building downwash effects were calculated using the EPA BPIP-Prime model. The receptor grid was sufficiently dense to identify maximum impacts.

Since there is not a school within a 1 in one million residential cancer risk isopleth, a fraction of time (FAH) was applied to ages less than 16 years.

Rule 1200 Health Risk Assessment Report

Kearny Mesa Skilled Nursing & Rehab Center

page 4 of 4

Application Number 009200

7/17/2026

School Risk = $(12.34 \text{ ug/m}^3 / 95.25 \text{ ug/m}^3) * 2.61$ resident cancer risk (No FAH applied) = 0.34

These risk results are based on the risk scenario calculations and health data at the time of the review, and should not be scaled with revised emissions rates without consulting with the Toxics Section.

GLCs loaded successfully

Pollutants loaded successfully

RISK SCENARIO SETTINGS

Receptor Type: Resident

Scenario: All

Calculation Method: Derived

EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25

Total Exposure Duration: 30

Exposure Duration Bin Distribution

3rd Trimester Bin: 0.25

0<2 Years Bin: 2

2<9 Years Bin: 0

2<16 Years Bin: 14

16<30 Years Bin: 14

16 to 70 Years Bin: 0

PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True

Soil: True

Dermal: True

Mother's milk: True

Water: False

Fish: False

Homegrown crops: False

Beef: False

Dairy: False

Pig: False

Chicken: False

Egg: False

INHALATION

Daily breathing rate: RMP

Worker Adjustment Factors

Worker adjustment factors enabled: NO

Fraction at time at home

3rd Trimester to 16 years: ON
16 years to 70 years: ON

SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.02
Soil mixing depth (m): 0.01
Dermal climate: Warm

TIER 2 SETTINGS

Tier2 not used.

Calculating cancer risk

Cancer risk saved to: D:\dload\9200_KM_Skilled_Nursing_BR\risk\FAHCancerRisk.csv

Calculating chronic risk

Chronic risk saved to: D:\dload\9200_KM_Skilled_Nursing_BR\risk\FAHNCCChronicRisk.csv

Calculating acute risk

Acute risk saved to: D:\dload\9200_KM_Skilled_Nursing_BR\risk\FAHNCAcuteRisk.csv

HRA ran successfully

*HARP - HRACalc v22118 7/17/2026 3:25:33 PM - Cancer Risk - Input File: D:\dload\9200_KM_Skilled_Nursing_BR\risk\FAHHRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO
1	Engine		9901	DieselExhPM	0.00351	2.08E-06	30YrCancerRMP_InhSoilDermMMilk_FAH3to70

*HARP - HRACalc v22118 7/17/2026 3:25:33 PM - Chronic Risk - Input File: D:\dload\9200_KM_Skilled_Nursing_BR\risk\FAHHRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RESP	SCENARIO
1	Engine		9901	DieselExhPM	0.00351	7.02E-04	NonCancerChronicDerived_InhSoilDermMMilk

*HARP - HRACalc v22118 7/17/2026 3:25:33 PM - Acute Risk - Input File: D:\dload\9200_KM_Skilled_Nursing_BR\risk\FAHHRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	EYE	SCENARIO
1	Engine		9901	DieselExhPM	0	0.00E+00	NonCancerAcute
2	Engine		75070	Acetaldehyde	1.99	4.23E-03	NonCancerAcute
3	Engine		7440382	Arsenic	0.00406	0.00E+00	NonCancerAcute
4	Engine		71432	Benzene	0.473	0.00E+00	NonCancerAcute
5	Engine		106990	1,3-Butadiene	0.551	0.00E+00	NonCancerAcute
6	Engine		7440439	Cadmium	0.00381	0.00E+00	NonCancerAcute
7	Engine		108907	Chlorobenzn	0.000507	0.00E+00	NonCancerAcute
8	Engine		18540299	Cr(VI)	0.000254	0.00E+00	NonCancerAcute
9	Engine		7440508	Copper	0.0104	0.00E+00	NonCancerAcute
10	Engine		100414	Ethyl Benzene	0.0277	0.00E+00	NonCancerAcute
11	Engine		50000	Formaldehyde	4.38	7.96E-02	NonCancerAcute
12	Engine		110543	Hexane	0.0683	0.00E+00	NonCancerAcute
13	Engine		7647010	HCl	0.473	2.25E-04	NonCancerAcute
14	Engine		7439921	Lead	0.0211	0.00E+00	NonCancerAcute
15	Engine		7439965	Manganese	0.00787	0.00E+00	NonCancerAcute
16	Engine		7439976	Mercury	0.00507	0.00E+00	NonCancerAcute
17	Engine		91203	Naphthalene	0.05	0.00E+00	NonCancerAcute
18	Engine		7440020	Nickel	0.0099	0.00E+00	NonCancerAcute
19	Engine		1151	PAHs-w/o	0.0918	0.00E+00	NonCancerAcute
20	Engine		115071	Propylene	1.18	0.00E+00	NonCancerAcute
21	Engine		7782492	Selenium	0.00558	0.00E+00	NonCancerAcute
22	Engine		108883	Toluene	0.267	5.34E-05	NonCancerAcute
23	Engine		1330207	Xylenes	0.108	4.91E-06	NonCancerAcute
						8.42E-02	

PROJECT TITLE:
D:\Modeling Projects\9200_KM_Skilled_Nursing\9200_KM_Skilled_Nursing

COMMENTS:

SOURCES:

1

RECEPTORS:

26307

Concentration

168 ug/m³

COMPANY NAME:

SDAPCD

MODELER:

PO

DATE:

7/17/2026

SCALE:

1:750

0 0.02 km

PROJECT NO.:



PROJECT TITLE:

D:\Modeling Projects\9200_KM_Skilled_Nursing\9200_KM_Skilled_Nursing

COMMENTS:

SOURCES:

1

RECEPTORS:

26307

Concentration

2263 ug/m³

COMPANY NAME:

SDAPCD

MODELER:

PO

DATE:

7/17/2026

SCALE:

1:1,374

0 0.04 km

PROJECT NO.:



FACILITY NAME: Kearny Mesa Skilled Nursing & Rehab Center																	
Fuel Consumption (gal/hr): 8.90 Diesel Particulate Emission Factor (g/hp-hr): 0.13428 Brake Horsepower (hp): 173 Annual Hours of Operation (hrs): 50	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr style="background-color: yellow;"> <th colspan="2" style="text-align: center;">RISK ANALYST ONLY</th> </tr> <tr> <th colspan="2" style="text-align: center;">DISPERSION MODELING DATA</th> </tr> <tr> <td>Annual Receptor Type:</td> <td>Resident ▼</td> </tr> <tr> <td>ANNUAL DISPERSION FACTOR (µg/m3)/(g/s):</td> <td style="text-align: right;">95.3</td> </tr> <tr> <td>Distance (m):</td> <td></td> </tr> <tr> <td>Hourly Receptor Type:</td> <td>PMI ▼</td> </tr> <tr> <td>HOURLY DISPERSION FACTOR (µg/m3)/(g/s):</td> <td style="text-align: right;">2262.52</td> </tr> <tr> <td>Distance (m):</td> <td></td> </tr> </table>	RISK ANALYST ONLY		DISPERSION MODELING DATA		Annual Receptor Type:	Resident ▼	ANNUAL DISPERSION FACTOR (µg/m3)/(g/s):	95.3	Distance (m):		Hourly Receptor Type:	PMI ▼	HOURLY DISPERSION FACTOR (µg/m3)/(g/s):	2262.52	Distance (m):	
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Distance (m):																	
FACILITY ID: APCD2026-SITE-05078 APPLICATION NO.: APCD2026-APP-009200 ENGINEER: Austin Stein																	

CHEMICAL NAME	Emission Factor lb/1000 gal	Acute Emission Rate lb/hr	Annual Emission Rate lb/yr	Acute Emissions Rate g/s	Annual Emission Rate g/s	Hourly GLC µg/m ³	Annual GLC µg/m ³
DIESEL PARTICULATE			2.56E+00		3.68E-05		3.51E-03
ACETALDEHYDE	7.83E-01	6.97E-03	3.48E-01	8.78E-04		1.99E+00	
ACROLEIN*	3.39E-02	3.02E-04	1.51E-02	3.80E-05		8.60E-02	
ARSENIC COMPOUNDS	1.60E-03	1.42E-05	7.12E-04	1.79E-06		4.06E-03	
BENZENE	1.86E-01	1.66E-03	8.29E-02	2.09E-04		4.73E-01	
BUTADIENE, 1,3-	2.17E-01	1.93E-03	9.66E-02	2.43E-04		0.550571	
CADMIUM AND COMPOUNDS	1.50E-03	1.34E-05	6.68E-04	1.68E-06		3.81E-03	
CHLOROBENZENE	2.00E-04	1.78E-06	8.90E-05	2.24E-07		5.07E-04	
CHROMIUM (HEXAVALENT)	1.00E-04	8.90E-07	4.45E-05	1.12E-07		2.54E-04	
COPPER AND COMPOUNDS	4.10E-03	3.65E-05	1.82E-03	4.60E-06		1.04E-02	
ETHYL BENZENE	1.09E-02	9.70E-05	4.85E-03	1.22E-05		2.77E-02	
FORMALDEHYDE	1.73E+00	1.54E-02	7.68E-01	1.94E-03		4.38E+00	
HEXANE-N	2.69E-02	2.39E-04	1.20E-02	3.02E-05		6.83E-02	
HYDROCHLORIC ACID	1.86E-01	1.66E-03	8.29E-02	2.09E-04		4.73E-01	
LEAD & COMPOUNDS	8.30E-03	7.39E-05	3.69E-03	9.31E-06		2.11E-02	
MANGANESE AND COMPOUNDS	3.10E-03	2.76E-05	1.38E-03	3.48E-06		7.87E-03	
MERCURY AND COMPOUNDS (INORGANIC)	2.00E-03	1.78E-05	8.90E-04	2.24E-06		5.07E-03	
NAPHTHALENE	1.97E-02	1.75E-04	8.77E-03	2.21E-05		5.00E-02	
NICKEL AND NICKEL COMPOUNDS	3.90E-03	3.47E-05	1.74E-03	4.37E-06		9.90E-03	
POLYCYCLIC AROM. HC (PAH) [Treat as B(a)P for h	3.62E-02	3.22E-04	1.61E-02	4.06E-05		9.18E-02	
PROPYLENE	4.67E-01	4.16E-03	2.08E-01	5.24E-04		1.18E+00	
SELENIUM AND COMPOUNDS	2.20E-03	1.96E-05	9.79E-04	2.47E-06		5.58E-03	
TOLUENE	1.05E-01	9.38E-04	4.69E-02	1.18E-04		2.67E-01	
XYLENES	4.24E-02	3.77E-04	1.89E-02	4.75E-05		1.08E-01	

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN SigA Data

*** MODEL SETUP OPTIONS SUMMARY ***

- - - - -

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR	EMIS RATE SCALAR VARY BY
STCK1	0	0.10000E+01	485299.9	3628996.8	115.2	3.05	762.59	58.09	0.10	YES	YES	NO	

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN SigA Data

- ** 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 URBAN Dispersion Algorithm for the SBL for 1 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 1400000.0 ; Urban Roughness Length = 1.000 m

- * Urban Roughness Length of 1.0 Meter Used.
- * CCVR_Sub - Meteorological data includes CCVR substitutions
- * TEMP_Sub - Meteorological data includes TEMP substitutions
- * NOTURBST - Meteorological data Ignore turbulence - stable hours
- * 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: 1 Source(s); 1 Source Group(s); and 26307 Receptor(s)

with: 1 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: 24142

**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) = 134.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07

Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 6.5 MB of RAM.

**Input Runstream File: aermod.inp
**Output Print File: aermod.out

**Detailed Error/Message File: 9200_KM_Skilled_Nursing.err
**File for Summary of Results: 9200_KM_Skilled_Nursing.sum

▲ *** AERMOD - VERSION 24142 ***
*** AERMET - VERSION 24142 ***

*** D:\Modeling Projects\9200_KM_Skilled_Nursing\9200_KM_Skilled_Nursing ***

07/08/26
13:43:33
PAGE 2

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN SigA Data

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

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

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 24142 ***
*** AERMET - VERSION 24142 ***

*** D:\Modeling Projects\9200_KM_Skilled_Nursing\9200_KM_Skilled_Nursing ***

07/08/26
13:43:33
PAGE 3

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN SigA Data

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

Surface file: C:\Users\breeve\OneDrive - County of San Diego\Meteorology Documents\AERMET File Met Version: 24142
 Profile file: C:\Users\breeve\OneDrive - County of San Diego\Meteorology Documents\AERMET File
 Surface format: FREE
 Profile format: FREE
 Surface station no.: 93107 Upper air station no.: 3190
 Name: UNKNOWN Name: UNKNOWN
 Year: 2020 Year: 2020

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
20	01	01	1	01	-10.8	0.101	-9.000	-9.000	-999.	77.	8.6	0.04	1.12	1.00	2.82	57.	10.0	283.1	10.0			
20	01	01	1	02	-6.6	0.081	-9.000	-9.000	-999.	56.	7.2	0.06	1.12	1.00	2.06	73.	10.0	282.6	10.0			
20	01	01	1	03	-7.6	0.085	-9.000	-9.000	-999.	60.	7.2	0.04	1.12	1.00	2.37	54.	10.0	283.5	10.0			
20	01	01	1	04	-6.0	0.075	-9.000	-9.000	-999.	50.	6.4	0.04	1.12	1.00	2.10	59.	10.0	283.0	10.0			
20	01	01	1	05	-9.1	0.095	-9.000	-9.000	-999.	70.	8.5	0.06	1.12	1.00	2.41	63.	10.0	282.4	10.0			
20	01	01	1	06	-6.1	0.078	-9.000	-9.000	-999.	52.	6.9	0.06	1.12	1.00	1.97	64.	10.0	282.6	10.0			
20	01	01	1	07	-5.8	0.076	-9.000	-9.000	-999.	50.	6.7	0.06	1.12	1.00	1.92	70.	10.0	282.5	10.0			
20	01	01	1	08	-1.9	0.049	-9.000	-9.000	-999.	26.	5.6	0.10	1.12	0.50	1.12	129.	10.0	282.4	10.0			
20	01	01	1	09	35.0	0.125	0.383	0.005	58.	106.	-5.0	0.09	1.12	0.30	1.03	112.	10.0	286.4	10.0			
20	01	01	1	10	86.9	0.261	0.897	0.005	297.	321.	-18.4	0.10	1.12	0.23	2.46	148.	10.0	289.0	10.0			
20	01	01	1	11	122.3	0.218	1.240	0.005	558.	246.	-7.6	0.07	1.12	0.21	2.01	225.	10.0	290.5	10.0			
20	01	01	1	12	139.1	0.279	1.433	0.005	756.	353.	-13.9	0.07	1.12	0.20	2.77	211.	10.0	291.3	10.0			
20	01	01	1	13	136.5	0.296	1.559	0.005	991.	386.	-16.9	0.07	1.12	0.20	3.00	210.	10.0	291.2	10.0			
20	01	01	1	14	114.7	0.311	1.526	0.005	1105.	417.	-23.4	0.07	1.12	0.21	3.26	234.	10.0	290.8	10.0			
20	01	01	1	15	75.0	0.316	1.351	0.005	1173.	425.	-37.3	0.07	1.12	0.24	3.44	227.	10.0	290.3	10.0			
20	01	01	1	16	20.5	0.251	0.881	0.005	1189.	304.	-68.8	0.05	1.12	0.33	3.08	244.	10.0	289.4	10.0			
20	01	01	1	17	-5.7	0.078	-9.000	-9.000	-999.	92.	7.5	0.07	1.12	0.61	1.92	236.	10.0	288.2	10.0			
20	01	01	1	18	-7.6	0.092	-9.000	-9.000	-999.	67.	9.1	0.15	1.12	1.00	1.92	193.	10.0	287.3	10.0			
20	01	01	1	19	-5.9	0.080	-9.000	-9.000	-999.	54.	7.7	0.10	1.12	1.00	1.83	140.	10.0	286.6	10.0			
20	01	01	1	20	-2.6	0.053	-9.000	-9.000	-999.	29.	5.1	0.10	1.12	1.00	1.21	144.	10.0	286.2	10.0			
20	01	01	1	21	-2.5	0.051	-9.000	-9.000	-999.	28.	4.7	0.09	1.12	1.00	1.21	99.	10.0	285.3	10.0			
20	01	01	1	22	-4.1	0.065	-9.000	-9.000	-999.	40.	5.9	0.06	1.12	1.00	1.65	76.	10.0	284.8	10.0			
20	01	01	1	23	-1.7	0.042	-9.000	-9.000	-999.	20.	3.8	0.09	1.12	1.00	0.98	99.	10.0	284.5	10.0			
20	01	01	1	24	-3.6	0.060	-9.000	-9.000	-999.	35.	5.3	0.06	1.12	1.00	1.52	78.	10.0	283.8	10.0			

First hour of profile data
YR MO DY HR HEIGHT F WDIR WSPD AMB_TMP sigmaA sigmaW sigmaV
20 01 01 01 10.0 1 57. 2.82 283.2 99.0 -99.00 -99.00

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

*** AERMOD - VERSION 24142 *** D:\Modeling Projects\9200_KM_Skilled_Nursing\9200_KM_Skilled_Nursing ***
*** AERMET - VERSION 24142 *** ***

07/08/26
13:43:33
PAGE 4

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

*** THE SUMMARY OF MAXIMUM PERIOD (26304 HRS) RESULTS ***

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

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

ALL	1ST HIGHEST VALUE IS	167.88753 AT (	485309.82, 3628992.33,	116.39, 116.39,	0.00) DC
	2ND HIGHEST VALUE IS	156.03624 AT (	485308.42, 3628987.58,	116.45, 116.70,	0.00) DC
	3RD HIGHEST VALUE IS	152.67032 AT (	485311.23, 3628997.08,	116.25, 116.25,	0.00) DC
	4TH HIGHEST VALUE IS	132.40608 AT (	485307.01, 3628982.84,	116.23, 116.23,	0.00) DC
	5TH HIGHEST VALUE IS	132.34128 AT (	485237.00, 3628959.00,	113.02, 115.19,	0.00) DC
	6TH HIGHEST VALUE IS	125.17500 AT (	485247.00, 3628959.00,	113.57, 115.19,	0.00) DC
	7TH HIGHEST VALUE IS	123.70202 AT (	485235.93, 3628964.19,	113.02, 115.19,	0.00) DC
	8TH HIGHEST VALUE IS	120.68204 AT (	485227.00, 3628969.00,	113.07, 113.07,	0.00) DC
	9TH HIGHEST VALUE IS	120.04828 AT (	485312.64, 3629001.82,	116.37, 116.37,	0.00) DC
	10TH HIGHEST VALUE IS	120.02691 AT (	485240.60, 3628964.17,	113.14, 115.19,	0.00) DC

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

*** AERMOD - VERSION 24142 *** D:\Modeling Projects\9200_KM_Skilled_Nursing\9200_KM_Skilled_Nursing ***
*** AERMET - VERSION 24142 *** ***

07/08/26
13:43:33
PAGE 5

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

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

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

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS 2262.52333	ON 20081523	AT (485257.00, 3629059.00, 115.63, 115.63, 0.00)	DC	

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

*** AERMOD - VERSION 24142 *** D:\Modeling Projects\9200_KM_Skilled_Nursing\9200_KM_Skilled_Nursing *** 07/08/26
*** AERMET - VERSION 24142 *** *** 13:43:33
PAGE 6

*** MODELOPTs: RegDFAULT CONC ELEV URBAN SigA Data

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

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

A Total of 0 Fatal Error Message(s)
A Total of 10 Warning Message(s)
A Total of 15629 Informational Message(s)

A Total of 26304 Hours Were Processed

A Total of 654 Calm Hours Identified

A Total of 761 Missing Hours Identified (2.89 Percent)

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

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

SO W320	38	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
MX W403	102	PFLCNV: Turbulence data is being used w/o ADJ_U* option	SigA Data
MX W403	1	PFLCNV: Turbulence data is being used w/o ADJ_U* option	SigA Data
MX W403	2	PFLCNV: Turbulence data is being used w/o ADJ_U* option	SigA Data
MX W403	3	PFLCNV: Turbulence data is being used w/o ADJ_U* option	SigA Data
MX W403	4	PFLCNV: Turbulence data is being used w/o ADJ_U* option	SigA Data
MX W403	5	PFLCNV: Turbulence data is being used w/o ADJ_U* option	SigA Data
MX W403	6	PFLCNV: Turbulence data is being used w/o ADJ_U* option	SigA Data
MX W403	7	PFLCNV: Turbulence data is being used w/o ADJ_U* option	SigA Data
MX W403	8	PFLCNV: Turbulence data is being used w/o ADJ_U* option	SigA Data