

Dispersion Options

Titles C:\Lakes\AERMOD View Trial\Projekti\Gren IVN\Gren HCl remodel\Gren H	
Dispersion Options <input type="checkbox"/> Regulatory Default <input checked="" type="checkbox"/> Non-Default Options	Dispersion Coefficient Rural
<input checked="" type="checkbox"/> Flat Terrain <input type="checkbox"/> No Stack-Tip Downwash (NOSTD) <input type="checkbox"/> Run in Screening Mode <input type="checkbox"/> Conversion of NOx to NO2 (OLM or PVMRM) <input type="checkbox"/> No Checks for Non-Sequential Met Data <input type="checkbox"/> Fast All Sources (FASTALL) <input type="checkbox"/> Fast Area Sources (FASTAREA) <input type="checkbox"/> Optimized Area Source Plume Depletion <input checked="" type="checkbox"/> Gas Deposition <div>BETA Options: <input type="checkbox"/> Capped and Horizontal Stack Releases <input type="checkbox"/> Adjusted Friction Velocity (u^*) in AERMET (ADJ_U*) <input type="checkbox"/> Low Wind Options</div> <input type="checkbox"/> SCIM (Sampled Chronological Input Model) <input type="checkbox"/> Ignore Urban Night / Daytime Transition (NOURBTRAN)	Output Type <input checked="" type="checkbox"/> Concentration <input type="checkbox"/> Total Deposition (Dry & Wet) <input checked="" type="checkbox"/> Dry Deposition <input type="checkbox"/> Wet Deposition Plume Depletion <input type="checkbox"/> Dry Removal <input type="checkbox"/> Wet Removal Output Warnings <input type="checkbox"/> No Output Warnings <input type="checkbox"/> Non-fatal Warnings for Non-sequential Met Data

Pollutant / Averaging Time / Terrain Options

Pollutant Type PM10 Averaging Time Options Hours <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 6 <input type="checkbox"/> 8 <input type="checkbox"/> 12 <input checked="" type="checkbox"/> 24 <input type="checkbox"/> Month <input type="checkbox"/> Period <input checked="" type="checkbox"/> Annual	Exponential Decay <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Terrain Height Options <input checked="" type="checkbox"/> Flat <input type="checkbox"/> Elevated
Flagpole Receptors <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Default Height = 2,00 m	

Optional Files



Re-Start File



Init File



Multi-Year Analyses



Event Input File



Error Listing File

Detailed Error Listing File

Filename: Gren+VRC+ Slokas PM10.err

Receptor Pathway

AERMOD

Receptor Networks

Note: Terrain Elevations and Flagpole Heights for Network Grids are in Page RE2 - 1 (If applicable)
Generated Discrete Receptors for Multi-Tier (Risk) Grid and Receptor Locations for Fenceline Grid are in Page RE3 - 1 (If applicable)

Uniform Cartesian Grid

Receptor Network ID	Grid Origin X Coordinate [m]	Grid Origin Y Coordinate [m]	No. of X-Axis Receptors	No. of Y-Axis Receptors	Spacing for X-Axis [m]	Spacing for Y-Axis [m]
UCART1	331529.00	6309796.00	81	81	50.00	50.00

Discrete Receptors

Plant Boundary Receptors

Results Summary

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PM10 - Concentration - Source Group: ALL

Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	399.31426	ug/m^3	333329.00	6311546.00	19.00	2.00	19.00	01.04.2022, 7
24-HR	1ST	126.39316	ug/m^3	333329.00	6311546.00	19.00	2.00	19.00	22.11.2022, 24
ANNUAL		16.99225	ug/m^3	333429.00	6311546.00	19.00	2.00	19.00	
1-HR	90,41pct	27.16488	ug/m^3	333429.00	6311546.00	19.00	2.00	19.00	
24-HR	90,41pct	29.55308	ug/m^3	333329.00	6311546.00	19.00	2.00	19.00	

PM10 - Dry Deposition - Source Group: ALL

Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	0.01932	g/m^2	333429.00	6311546.00	19.00	2.00	19.00	
24-HR	1ST	0.40624	g/m^2	333429.00	6311546.00	19.00	2.00	19.00	
ANNUAL		101.19382	g/m^2	333429.00	6311546.00	19.00	2.00	19.00	
1-HR	90,41pct	0.01507	g/m^2	333429.00	6311546.00	19.00	2.00	19.00	
24-HR	90,41pct	0.34080	g/m^2	333429.00	6311546.00	19.00	2.00	19.00	

Results Summary

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PM10 - Concentration - Source Group: ALL

Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	443.92971	ug/m^3	333329.00	6311546.00	19.00	2.00	19.00	02.12.2023, 6
24-HR	1ST	109.68542	ug/m^3	333329.00	6311546.00	19.00	2.00	19.00	26.11.2023, 24
ANNUAL		16.21668	ug/m^3	333429.00	6311546.00	19.00	2.00	19.00	
1-HR	90,41pct	27.10837	ug/m^3	333429.00	6311546.00	19.00	2.00	19.00	
24-HR	90,41pct	38.32005	ug/m^3	333329.00	6311546.00	19.00	2.00	19.00	

PM10 - Dry Deposition - Source Group: ALL

Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	0.01877	g/m^2	333429.00	6311546.00	19.00	2.00	19.00	
24-HR	1ST	0.38325	g/m^2	333429.00	6311546.00	19.00	2.00	19.00	
ANNUAL		99.54073	g/m^2	333429.00	6311546.00	19.00	2.00	19.00	
1-HR	90,41pct	0.01504	g/m^2	333429.00	6311546.00	19.00	2.00	19.00	
24-HR	90,41pct	0.33996	g/m^2	333429.00	6311546.00	19.00	2.00	19.00	

Results Summary

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PM10 - Concentration - Source Group: ALL

Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	446.08448	ug/m^3	333329.00	6311546.00	19.00	2.00	19.00	03.09.2024, 6
24-HR	1ST	183.97324	ug/m^3	333329.00	6311546.00	19.00	2.00	19.00	07.01.2024, 24
ANNUAL		16.72405	ug/m^3	333429.00	6311546.00	19.00	2.00	19.00	
1-HR	90,41pct	30.72302	ug/m^3	333329.00	6311546.00	19.00	2.00	19.00	
24-HR	90,41pct	46.60121	ug/m^3	333329.00	6311546.00	19.00	2.00	19.00	

PM10 - Dry Deposition - Source Group: ALL

Averaging Period	Rank	Peak	Units	X (m)	Y (m)	ZELEV (m)	ZFLAG (m)	ZHILL (m)	Peak Date, Start Hour
1-HR	1ST	0.02005	g/m^2	333429.00	6311546.00	19.00	2.00	19.00	
24-HR	1ST	0.39239	g/m^2	333429.00	6311546.00	19.00	2.00	19.00	
ANNUAL		98.59581	g/m^2	333429.00	6311546.00	19.00	2.00	19.00	
1-HR	90,41pct	0.01498	g/m^2	333429.00	6311546.00	19.00	2.00	19.00	
24-HR	90,41pct	0.33966	g/m^2	333429.00	6311546.00	19.00	2.00	19.00	

Source Pathway - Source Inputs

AERMOD

Point Sources

Source Type	Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation (Optional)	Release Height [m]	Emission Rate [g/s]	Gas Exit Temp. [K]	Gas Exit Velocity [m/s]	Stack Inside Diameter [m]
POINT	A1	333017.00 lekartas dumenis	6310997.00	23.13	70.00	0,08500	317.35	14.30	1.95
POINT	A1VRC	332082.00 VRC	6312056.00	7.95	70.00	0,17600	318.15	6.46	2.20
POINT	SLOKAS1	333431.00 Gren Slokas A1	6311588.00	9.63	27.00	0,21000	326.15	21.17	1.20
POINT	SLOKAS2	333431.00 Gren Slokas A@	6311601.00	9.63	27.00	0,21000	326.15	21.17	1.20

Volume Sources

Source Type	Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation (Optional)	Release Height [m]	Emission Rate [g/s]	Length of Side [m]	Building Height [m]	Initial Lateral Dim. [m]	Initial Vertical Dim. [m]
VOLUME	VOL1	333397.00	6311541.00	11.23	5.00	0,13900	36.00	Surface-Based	8.37	1.16