

Source Pathway - Source Inputs

AERMOD

Polygon Area Sources

Source Type: AREA POLY

Source: PAREA1 (Laukums)

Base Elevation (Optional)	Release Height [m]	Emission Rate [g/ (s-m^2)]	Initial Vertical Dim. [m]	Number of Vertices (or sides)	X Coordinate for Vertices [m]	Y Coordinate for Vertices [m]
44.00	0.00	5.40E-8	0.00	19	382196.59	319482.07
		5.40E-8			382674.63	319524.26
		5.40E-8			382696.80	319592.49
		5.40E-8			382847.46	319640.70
		5.40E-8			383178.92	319658.78
		5.40E-8			383215.08	319604.54
		5.40E-8			383558.59	319586.46
		5.40E-8			383602.22	319318.15
		5.40E-8			383871.97	319086.26
		5.40E-8			383920.18	318514.00
		5.40E-8			383468.19	318459.50
		5.40E-8			383389.85	318519.76
		5.40E-8			383255.71	318495.86
		5.40E-8			383181.83	318417.52
		5.40E-8			382792.63	318381.19
		5.40E-8			382299.04	318730.69
		5.40E-8			382225.43	318792.46
		5.40E-8			382094.14	318911.49
		5.40E-8			382076.06	319044.07

Source Pathway - Source Inputs

AERMOD

Line Area Sources

Source Type: LINE AREA

Source: PIEVED (Purva pievedcels)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
8.45	1.17E-7	2.53	382603.01	320205.96	42.00	2.72
			382684.96	319603.73	42.00	2.72

Source Type: LINE AREA

Source: SCEN1 (Galenieku cels)

Length of Side [m]	Emission Rate [g/ s]	Initial Vertical Dimension [m]	X Coordinate for Points [m]	Y Coordinate for points [m]	Base Elevation [m]	Release Height [m]
8.45	1.35E-8	2.53	382603.39	320206.00	42.00	2.72
			382780.95	320245.73	42.00	2.72
			382945.11	320379.12	42.00	2.72
			383170.84	320491.98	42.00	2.72
			383478.66	320594.59	42.00	2.72
			383755.69	320594.59	42.00	2.72
			384022.47	320440.68	42.00	2.72
			384350.80	320553.54	44.00	2.72
			384525.23	320379.12	48.00	2.72
			384792.00	320307.29	48.00	2.72
			384945.91	320143.12	41.00	2.72
			385151.12	320122.60	41.00	2.72
			385181.90	320050.78	40.00	2.72
			385181.90	319825.05	40.00	2.72
			384874.09	319373.59	40.00	2.72
			384894.61	319014.47	40.00	2.72
			384617.57	318922.13	40.00	2.72
			384196.89	318604.05	41.00	2.72
			384278.98	318419.36	41.00	2.72
			384320.02	318409.10	42.00	2.72
			384330.28	318296.23	42.00	2.72

Source Pathway - Source Inputs

AERMOD

Area Sources Generated from Line Sources

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
PIEVED	A0000201	382598.83	320205.39	2.72	75.97	82.25	42.00	2.53
	A0000202	382609.07	320130.11	2.72	75.97	82.25	42.00	2.53
	A0000203	382619.31	320054.83	2.72	75.97	82.25	42.00	2.53
	A0000204	382629.56	319979.56	2.72	75.97	82.25	42.00	2.53
	A0000205	382639.80	319904.28	2.72	75.97	82.25	42.00	2.53
	A0000206	382650.04	319829.00	2.72	75.97	82.25	42.00	2.53
	A0000207	382660.29	319753.72	2.72	75.97	82.25	42.00	2.53
	A0000208	382670.53	319678.44	2.72	75.97	82.25	42.00	2.53
Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
SCEN1	A0000209	382604.31	320201.88	2.72	60.65	347.39	42.00	2.53
	A0000210	382663.50	320215.12	2.72	60.65	347.39	42.00	2.53
	A0000211	382722.68	320228.36	2.72	60.65	347.39	42.00	2.53
	A0000212	382783.61	320242.45	2.72	70.51	320.91	42.00	2.53
	A0000213	382838.33	320286.91	2.72	70.51	320.91	42.00	2.53
	A0000214	382893.06	320331.37	2.72	70.51	320.91	42.00	2.53
	A0000215	382947.00	320375.34	2.72	84.12	333.43	42.00	2.53
	A0000216	383022.25	320412.96	2.72	84.12	333.43	42.00	2.53
	A0000217	383097.49	320450.58	2.72	84.12	333.43	42.00	2.53
	A0000218	383172.18	320487.97	2.72	81.12	341.57	42.00	2.53
	A0000219	383249.13	320513.62	2.72	81.12	341.57	42.00	2.53
	A0000220	383326.09	320539.27	2.72	81.12	341.57	42.00	2.53
	A0000221	383403.04	320564.93	2.72	81.12	341.57	42.00	2.53
	A0000222	383478.66	320590.36	2.72	69.26	0.00	42.00	2.53

Source Pathway - Source Inputs

AERMOD

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
SCEN1	A0000223	383547.92	320590.36	2.72	69.26	0.00	42.00	2.53
	A0000224	383617.18	320590.36	2.72	69.26	0.00	42.00	2.53
	A0000225	383686.43	320590.36	2.72	69.26	0.00	42.00	2.53
	A0000226	383753.58	320590.93	2.72	77.00	29.98	42.00	2.53
	A0000227	383820.27	320552.45	2.72	77.00	29.98	42.00	2.53
	A0000228	383886.97	320513.97	2.72	77.00	29.98	42.00	2.53
	A0000229	383953.66	320475.50	2.72	77.00	29.98	42.00	2.53
	A0000230	384023.84	320436.68	2.72	69.44	341.03	42.20	2.53
	A0000231	384089.51	320459.26	2.72	69.44	341.03	42.60	2.53
	A0000232	384155.17	320481.83	2.72	69.44	341.03	43.00	2.53
	A0000233	384220.84	320504.40	2.72	69.44	341.03	43.40	2.53
	A0000234	384286.51	320526.97	2.72	69.44	341.03	43.80	2.53
	A0000235	384347.81	320550.56	2.72	82.23	45.00	44.67	2.53
	A0000236	384405.96	320492.41	2.72	82.23	45.00	46.00	2.53
	A0000237	384464.10	320434.27	2.72	82.23	45.00	47.33	2.53
	A0000238	384524.13	320375.04	2.72	69.07	15.07	48.00	2.53
	A0000239	384590.82	320357.08	2.72	69.07	15.07	48.00	2.53
	A0000240	384657.52	320339.12	2.72	69.07	15.07	48.00	2.53
	A0000241	384724.21	320321.17	2.72	69.07	15.07	48.00	2.53
	A0000242	384788.92	320304.40	2.72	75.01	46.85	46.83	2.53
	A0000243	384840.22	320249.68	2.72	75.01	46.85	44.50	2.53
	A0000244	384891.53	320194.96	2.72	75.01	46.85	42.17	2.53
	A0000245	384945.49	320138.92	2.72	68.74	5.71	41.00	2.53
	A0000246	385013.89	320132.08	2.72	68.74	5.71	41.00	2.53
	A0000247	385082.30	320125.24	2.72	68.74	5.71	41.00	2.53

Source Pathway - Source Inputs

AERMOD

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
SCEN1	A0000248	385147.24	320120.94	2.72	78.14	66.80	40.50	2.53
	A0000249	385177.68	320050.78	2.72	75.24	90.00	40.00	2.53
	A0000250	385177.68	319975.54	2.72	75.24	90.00	40.00	2.53
	A0000251	385177.68	319900.29	2.72	75.24	90.00	40.00	2.53
	A0000252	385178.41	319827.43	2.72	78.06	124.29	40.00	2.53
	A0000253	385134.44	319762.93	2.72	78.06	124.29	40.00	2.53
	A0000254	385090.46	319698.44	2.72	78.06	124.29	40.00	2.53
	A0000255	385046.49	319633.94	2.72	78.06	124.29	40.00	2.53
	A0000256	385002.52	319569.45	2.72	78.06	124.29	40.00	2.53
	A0000257	384958.54	319504.96	2.72	78.06	124.29	40.00	2.53
	A0000258	384914.57	319440.46	2.72	78.06	124.29	40.00	2.53
	A0000259	384869.87	319373.35	2.72	71.94	86.73	40.00	2.53
	A0000260	384873.97	319301.52	2.72	71.94	86.73	40.00	2.53
	A0000261	384878.08	319229.70	2.72	71.94	86.73	40.00	2.53
	A0000262	384882.18	319157.88	2.72	71.94	86.73	40.00	2.53
	A0000263	384886.29	319086.05	2.72	71.94	86.73	40.00	2.53
	A0000264	384893.27	319018.48	2.72	73.00	161.57	40.00	2.53
	A0000265	384824.01	318995.39	2.72	73.00	161.57	40.00	2.53
	A0000266	384754.75	318972.31	2.72	73.00	161.57	40.00	2.53
	A0000267	384685.50	318949.22	2.72	73.00	161.57	40.00	2.53
	A0000268	384615.03	318925.50	2.72	75.34	142.91	40.07	2.53
	A0000269	384554.93	318880.06	2.72	75.34	142.91	40.21	2.53
	A0000270	384494.83	318834.62	2.72	75.34	142.91	40.36	2.53
	A0000271	384434.73	318789.18	2.72	75.34	142.91	40.50	2.53
	A0000272	384374.64	318743.74	2.72	75.34	142.91	40.64	2.53

Source Pathway - Source Inputs

AERMOD

Line Source ID	Area Source ID	X Coordinate [m]	Y Coordinate [m]	Release Height [m]	Length of Side [m]	Angle [deg]	Base Elevation [m]	Initial Sigma Z [m]
SCEN1	A0000273	384314.54	318698.30	2.72	75.34	142.91	40.79	2.53
	A0000274	384254.44	318652.86	2.72	75.34	142.91	40.93	2.53
	A0000275	384193.03	318602.33	2.72	67.37	66.04	41.00	2.53
	A0000276	384220.39	318540.77	2.72	67.37	66.04	41.00	2.53
	A0000277	384247.76	318479.21	2.72	67.37	66.04	41.00	2.53
	A0000278	384277.95	318415.26	2.72	42.31	14.04	41.50	2.53
	A0000279	384315.81	318408.72	2.72	56.67	84.81	42.00	2.53
	A0000280	384320.94	318352.29	2.72	56.67	84.81	42.00	2.53