

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: SCEN2 (Rudenieku 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	7.68E-9	2.53	382597.99	320216.07	42.00	2.72
			382399.40	321727.37	36.00	2.72
			382257.86	321896.90	36.00	2.72
			382368.30	322559.53	41.00	2.72
			382507.80	322530.47	42.00	2.72
			382548.49	322600.22	41.00	2.72
			382600.80	322867.60	40.00	2.72
			382577.55	323105.92	38.00	2.72
			382507.80	323262.85	39.00	2.72
			382694.17	323583.28	39.00	2.72
			382839.12	323832.48	37.00	2.72
			382943.74	323867.36	36.00	2.72
			383176.25	323878.99	36.00	2.72
			383251.81	323878.99	36.00	2.72
			383862.13	324163.80	38.00	2.72
			384164.38	324198.68	39.00	2.72
			384466.63	324355.61	39.00	2.72
			384652.63	324518.37	40.00	2.72
			384757.26	324785.74	42.00	2.72
			384983.95	324855.49	42.00	2.72
			385129.26	325058.93	42.00	2.72
			385257.14	325099.62	42.00	2.72
			385565.21	325053.12	44.00	2.72

Source Pathway - Source Inputs

AERMOD

Source Type: LINE AREA

Source: SCEN2 (Rudenieku 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	7.68E-9	2.53	386094.15	324832.24	40.00	2.72
			386687.88	324029.22	42.00	2.72
			386802.80	323869.17	42.00	2.72
			386885.28	323596.50	43.00	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]
SCEN2	A0000281	382602.18	320216.62	2.72	80.23	262.51	41.84	2.53
	A0000282	382591.72	320296.16	2.72	80.23	262.51	41.53	2.53
	A0000283	382581.27	320375.70	2.72	80.23	262.51	41.21	2.53
	A0000284	382570.82	320455.24	2.72	80.23	262.51	40.89	2.53
	A0000285	382560.37	320534.79	2.72	80.23	262.51	40.58	2.53
	A0000286	382549.92	320614.33	2.72	80.23	262.51	40.26	2.53
	A0000287	382539.47	320693.87	2.72	80.23	262.51	39.95	2.53
	A0000288	382529.01	320773.41	2.72	80.23	262.51	39.63	2.53
	A0000289	382518.56	320852.95	2.72	80.23	262.51	39.32	2.53
	A0000290	382508.11	320932.50	2.72	80.23	262.51	39.00	2.53
	A0000291	382497.66	321012.04	2.72	80.23	262.51	38.68	2.53
	A0000292	382487.21	321091.58	2.72	80.23	262.51	38.37	2.53
	A0000293	382476.75	321171.12	2.72	80.23	262.51	38.05	2.53
	A0000294	382466.30	321250.66	2.72	80.23	262.51	37.74	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]
SCEN2	A0000295	382455.85	321330.21	2.72	80.23	262.51	37.42	2.53
	A0000296	382445.40	321409.75	2.72	80.23	262.51	37.11	2.53
	A0000297	382434.95	321489.29	2.72	80.23	262.51	36.79	2.53
	A0000298	382424.50	321568.83	2.72	80.23	262.51	36.47	2.53
	A0000299	382414.04	321648.38	2.72	80.23	262.51	36.16	2.53
	A0000300	382402.65	321730.08	2.72	73.62	230.14	36.00	2.53
	A0000301	382355.47	321786.59	2.72	73.62	230.14	36.00	2.53
	A0000302	382308.28	321843.10	2.72	73.62	230.14	36.00	2.53
	A0000303	382262.03	321896.21	2.72	83.97	279.46	36.31	2.53
	A0000304	382275.83	321979.04	2.72	83.97	279.46	36.94	2.53
	A0000305	382289.64	322061.87	2.72	83.97	279.46	37.56	2.53
	A0000306	382303.44	322144.70	2.72	83.97	279.46	38.19	2.53
	A0000307	382317.25	322227.52	2.72	83.97	279.46	38.81	2.53
	A0000308	382331.05	322310.35	2.72	83.97	279.46	39.44	2.53
	A0000309	382344.86	322393.18	2.72	83.97	279.46	40.06	2.53
	A0000310	382358.66	322476.01	2.72	83.97	279.46	40.69	2.53
	A0000311	382367.44	322555.40	2.72	71.25	11.77	41.25	2.53
	A0000312	382437.19	322540.87	2.72	71.25	11.77	41.75	2.53
	A0000313	382511.45	322528.34	2.72	80.75	300.26	41.50	2.53
	A0000314	382552.64	322599.41	2.72	68.11	281.07	40.88	2.53
	A0000315	382565.71	322666.26	2.72	68.11	281.07	40.63	2.53
	A0000316	382578.79	322733.10	2.72	68.11	281.07	40.38	2.53
	A0000317	382591.87	322799.94	2.72	68.11	281.07	40.13	2.53
	A0000318	382605.01	322868.01	2.72	79.82	264.43	39.67	2.53
	A0000319	382597.26	322947.45	2.72	79.82	264.43	39.00	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]
SCEN2	A0000320	382589.51	323026.89	2.72	79.82	264.43	38.33	2.53
	A0000321	382581.41	323107.63	2.72	57.25	246.04	38.17	2.53
	A0000322	382558.16	323159.94	2.72	57.25	246.04	38.50	2.53
	A0000323	382534.91	323212.26	2.72	57.25	246.04	38.83	2.53
	A0000324	382511.45	323260.73	2.72	74.14	300.18	39.00	2.53
	A0000325	382548.73	323324.81	2.72	74.14	300.18	39.00	2.53
	A0000326	382586.00	323388.90	2.72	74.14	300.18	39.00	2.53
	A0000327	382623.28	323452.99	2.72	74.14	300.18	39.00	2.53
	A0000328	382660.55	323517.07	2.72	74.14	300.18	39.00	2.53
	A0000329	382697.82	323581.16	2.72	72.07	300.18	38.75	2.53
	A0000330	382734.06	323643.46	2.72	72.07	300.18	38.25	2.53
	A0000331	382770.30	323705.76	2.72	72.07	300.18	37.75	2.53
	A0000332	382806.53	323768.06	2.72	72.07	300.18	37.25	2.53
	A0000333	382840.45	323828.48	2.72	55.14	341.57	36.75	2.53
	A0000334	382892.77	323845.91	2.72	55.14	341.57	36.25	2.53
	A0000335	382943.95	323863.14	2.72	77.60	357.14	36.00	2.53
	A0000336	383021.45	323867.02	2.72	77.60	357.14	36.00	2.53
	A0000337	383098.96	323870.89	2.72	77.60	357.14	36.00	2.53
	A0000338	383176.25	323874.76	2.72	75.56	0.00	36.00	2.53
	A0000339	383253.60	323875.16	2.72	84.19	334.98	36.13	2.53
	A0000340	383329.88	323910.76	2.72	84.19	334.98	36.38	2.53
	A0000341	383406.17	323946.36	2.72	84.19	334.98	36.63	2.53
	A0000342	383482.46	323981.96	2.72	84.19	334.98	36.88	2.53
	A0000343	383558.75	324017.56	2.72	84.19	334.98	37.13	2.53
	A0000344	383635.04	324053.17	2.72	84.19	334.98	37.38	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]
SCEN2	A0000345	383711.33	324088.77	2.72	84.19	334.98	37.63	2.53
	A0000346	383787.62	324124.37	2.72	84.19	334.98	37.88	2.53
	A0000347	383862.61	324159.60	2.72	76.06	353.42	38.13	2.53
	A0000348	383938.17	324168.32	2.72	76.06	353.42	38.38	2.53
	A0000349	384013.74	324177.04	2.72	76.06	353.42	38.63	2.53
	A0000350	384089.30	324185.76	2.72	76.06	353.42	38.88	2.53
	A0000351	384166.33	324194.93	2.72	68.11	332.56	39.00	2.53
	A0000352	384226.78	324226.31	2.72	68.11	332.56	39.00	2.53
	A0000353	384287.23	324257.70	2.72	68.11	332.56	39.00	2.53
	A0000354	384347.68	324289.09	2.72	68.11	332.56	39.00	2.53
	A0000355	384408.13	324320.48	2.72	68.11	332.56	39.00	2.53
	A0000356	384469.42	324352.44	2.72	82.38	318.81	39.17	2.53
	A0000357	384531.42	324406.69	2.72	82.38	318.81	39.50	2.53
	A0000358	384593.42	324460.94	2.72	82.38	318.81	39.83	2.53
	A0000359	384656.57	324516.83	2.72	71.78	291.37	40.25	2.53
	A0000360	384682.73	324583.67	2.72	71.78	291.37	40.75	2.53
	A0000361	384708.88	324650.52	2.72	71.78	291.37	41.25	2.53
	A0000362	384735.04	324717.36	2.72	71.78	291.37	41.75	2.53
	A0000363	384758.50	324781.71	2.72	79.06	342.90	42.00	2.53
	A0000364	384834.07	324804.96	2.72	79.06	342.90	42.00	2.53
	A0000365	384909.63	324828.21	2.72	79.06	342.90	42.00	2.53
	A0000366	384987.39	324853.04	2.72	83.34	305.54	42.00	2.53
	A0000367	385035.83	324920.85	2.72	83.34	305.54	42.00	2.53
	A0000368	385084.26	324988.67	2.72	83.34	305.54	42.00	2.53
	A0000369	385130.55	325054.91	2.72	67.10	342.35	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]
SCEN2	A0000370	385194.48	325075.25	2.72	67.10	342.35	42.00	2.53
	A0000371	385256.51	325095.44	2.72	77.89	8.58	42.25	2.53
	A0000372	385333.53	325083.82	2.72	77.89	8.58	42.75	2.53
	A0000373	385410.54	325072.19	2.72	77.89	8.58	43.25	2.53
	A0000374	385487.56	325060.57	2.72	77.89	8.58	43.75	2.53
	A0000375	385563.58	325049.22	2.72	81.89	22.66	43.71	2.53
	A0000376	385639.14	325017.67	2.72	81.89	22.66	43.14	2.53
	A0000377	385714.70	324986.12	2.72	81.89	22.66	42.57	2.53
	A0000378	385790.27	324954.56	2.72	81.89	22.66	42.00	2.53
	A0000379	385865.83	324923.01	2.72	81.89	22.66	41.43	2.53
	A0000380	385941.39	324891.45	2.72	81.89	22.66	40.86	2.53
	A0000381	386016.96	324859.90	2.72	81.89	22.66	40.29	2.53
	A0000382	386090.75	324829.73	2.72	83.22	53.52	40.08	2.53
	A0000383	386140.23	324762.81	2.72	83.22	53.52	40.25	2.53
	A0000384	386189.71	324695.90	2.72	83.22	53.52	40.42	2.53
	A0000385	386239.18	324628.98	2.72	83.22	53.52	40.58	2.53
	A0000386	386288.66	324562.06	2.72	83.22	53.52	40.75	2.53
	A0000387	386338.14	324495.14	2.72	83.22	53.52	40.92	2.53
	A0000388	386387.62	324428.22	2.72	83.22	53.52	41.08	2.53
	A0000389	386437.09	324361.30	2.72	83.22	53.52	41.25	2.53
	A0000390	386486.57	324294.38	2.72	83.22	53.52	41.42	2.53
	A0000391	386536.05	324227.46	2.72	83.22	53.52	41.58	2.53
	A0000392	386585.52	324160.55	2.72	83.22	53.52	41.75	2.53
	A0000393	386635.00	324093.63	2.72	83.22	53.52	41.92	2.53
	A0000394	386684.44	324026.76	2.72	65.68	54.32	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]
SCEN2	A0000395	386722.75	323973.41	2.72	65.68	54.32	42.00	2.53
	A0000396	386761.06	323920.06	2.72	65.68	54.32	42.00	2.53
	A0000397	386798.76	323867.95	2.72	71.22	73.17	42.13	2.53
	A0000398	386819.38	323799.78	2.72	71.22	73.17	42.38	2.53
	A0000399	386840.00	323731.61	2.72	71.22	73.17	42.63	2.53
	A0000400	386860.62	323663.44	2.72	71.22	73.17	42.88	2.53