

Source Pathway - Source Inputs

AERMOD

Point Sources

No Point Sources Specified

Volume Sources

No Volume Sources Specified

Area Sources

Source Type	Source ID	X Coordinate [m]	Y Coordinate [m]	Base Elevation (Optional)	Release Height [m]	Emission Rate [g/ (s-m^2)]	Length of X Side [m]	Length of Y Side [m]	Orientation Angle from North [deg]	Initial Vertical Dim. [m]
AREA	A2	538190.00	330665.00	34,50	10,00	1.33E-6	10,00	60,00	330,00	
		Smilts materiāla uzglabāšanas laukums (60 x 10 m)								
AREA	A4	537984.00	330629.00	34,50	3,10	0,00035	3,40	10,50	0,00	
		Dīzeļdegvielas sadegšana (ekskavators 330)								
AREA	A5	537976.00	330639.00	34,50	3,70	0,00013	3,10	11,20	0,00	
		Degvielas sadegšana (artikulētais pašizgāzējs)								
AREA	A6	537950.00	330544.00	34,50	3,70	0,00013	3,10	11,20	0,00	
		Dīzeļdegvielas sadegšana (artikulētais pašizgāzējs)								
AREA	A7	537923.00	330642.00	34,50	1,40	0,00707	1,60	0,90	0,00	
		Zemessūcējs								
AREA	A8	537923.00	330642.00	34,50	0,00	0,00400	1,00	1,00	0,00	
		Barža								
AREA	A1	538125.00	330720.00	34,50	8,00	0,00034	2,00	8,00	0,00	
		Smilts pārkraušanas laukums (2 x 8 m)								

Open Pit Sources

No Open Pit Sources Specified

Circular Area Sources

No Circular Area Sources Specified

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Polygon Area Sources

No Polygon Area Sources Specified

Flare Sources

No Flare Sources Specified

Line Sources

No Line Sources Specified

Line Volume Sources

No Line Volume Sources Specified

Line Area Sources

Source Type: LINE AREA

Source: A3_1 (Līnijveida transporta kustība-pilna)

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]
9,10	0,00003	2.93	538191.00	330700.00	34.50	3.15
			538357.00	330421.00	34.50	3.15
			538333.00	330412.00	34.50	3.15
			538329.00	330392.00	34.50	3.15

Source Type: LINE AREA

Source: A3_2 (Līnijveida transporta kustība-tukšs)

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]
9,10	0,00002	2.93	538047.00	330245.00	34.50	3.15
			537986.00	330365.00	34.50	3.15
			537935.00	330414.00	34.50	3.15
			537922.00	330423.00	34.50	3.15
			537882.00	330463.00	34.50	3.14
			537837.00	330489.00	34.50	3.15

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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]
A3_1	A0000001	538187.09	330697.67	3.15	9.02	59.25	34.50	2.93
	A0000002	538191.70	330689.92	3.15	9.02	59.25	34.50	2.93
	A0000003	538196.31	330682.17	3.15	9.02	59.25	34.50	2.93
	A0000004	538200.92	330674.42	3.15	9.02	59.25	34.50	2.93
	A0000005	538205.53	330666.67	3.15	9.02	59.25	34.50	2.93
	A0000006	538210.15	330658.92	3.15	9.02	59.25	34.50	2.93
	A0000007	538214.76	330651.17	3.15	9.02	59.25	34.50	2.93
	A0000008	538219.37	330643.42	3.15	9.02	59.25	34.50	2.93
	A0000009	538223.98	330635.67	3.15	9.02	59.25	34.50	2.93
	A0000010	538228.59	330627.92	3.15	9.02	59.25	34.50	2.93
	A0000011	538233.20	330620.17	3.15	9.02	59.25	34.50	2.93
	A0000012	538237.81	330612.42	3.15	9.02	59.25	34.50	2.93
	A0000013	538242.42	330604.67	3.15	9.02	59.25	34.50	2.93
	A0000014	538247.03	330596.92	3.15	9.02	59.25	34.50	2.93
	A0000015	538251.65	330589.17	3.15	9.02	59.25	34.50	2.93
	A0000016	538256.26	330581.42	3.15	9.02	59.25	34.50	2.93
	A0000017	538260.87	330573.67	3.15	9.02	59.25	34.50	2.93
	A0000018	538265.48	330565.92	3.15	9.02	59.25	34.50	2.93
	A0000019	538270.09	330558.17	3.15	9.02	59.25	34.50	2.93
	A0000020	538274.70	330550.42	3.15	9.02	59.25	34.50	2.93
	A0000021	538279.31	330542.67	3.15	9.02	59.25	34.50	2.93
	A0000022	538283.92	330534.92	3.15	9.02	59.25	34.50	2.93
	A0000023	538288.53	330527.17	3.15	9.02	59.25	34.50	2.93

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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]
A3_1	A0000024	538293.15	330519.42	3.15	9.02	59.25	34.50	2.93
	A0000025	538297.76	330511.67	3.15	9.02	59.25	34.50	2.93
	A0000026	538302.37	330503.92	3.15	9.02	59.25	34.50	2.93
	A0000027	538306.98	330496.17	3.15	9.02	59.25	34.50	2.93
	A0000028	538311.59	330488.42	3.15	9.02	59.25	34.50	2.93
	A0000029	538316.20	330480.67	3.15	9.02	59.25	34.50	2.93
	A0000030	538320.81	330472.92	3.15	9.02	59.25	34.50	2.93
	A0000031	538325.42	330465.17	3.15	9.02	59.25	34.50	2.93
	A0000032	538330.03	330457.42	3.15	9.02	59.25	34.50	2.93
	A0000033	538334.65	330449.67	3.15	9.02	59.25	34.50	2.93
	A0000034	538339.26	330441.92	3.15	9.02	59.25	34.50	2.93
	A0000035	538343.87	330434.17	3.15	9.02	59.25	34.50	2.93
	A0000036	538348.48	330426.42	3.15	9.02	59.25	34.50	2.93
	A0000037	538355.40	330425.26	3.15	8.54	159.44	34.50	2.93
	A0000038	538347.40	330422.26	3.15	8.54	159.44	34.50	2.93
	A0000039	538339.40	330419.26	3.15	8.54	159.44	34.50	2.93
	A0000040	538328.54	330412.89	3.15	6.80	101.31	34.50	2.93
	A0000041	538327.21	330406.23	3.15	6.80	101.31	34.50	2.93
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]
A3_2	A0000042	538051.06	330247.06	3.15	8.97	243.05	34.50	2.93
	A0000043	538046.99	330255.06	3.15	8.97	243.05	34.50	2.93
	A0000044	538042.92	330263.06	3.15	8.97	243.05	34.50	2.93
	A0000045	538038.86	330271.06	3.15	8.97	243.05	34.50	2.93

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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]
A3_2	A0000046	538034.79	330279.06	3.15	8.97	243.05	34.50	2.93
	A0000047	538030.72	330287.06	3.15	8.97	243.05	34.50	2.93
	A0000048	538026.66	330295.06	3.15	8.97	243.05	34.50	2.93
	A0000049	538022.59	330303.06	3.15	8.97	243.05	34.50	2.93
	A0000050	538018.52	330311.06	3.15	8.97	243.05	34.50	2.93
	A0000051	538014.46	330319.06	3.15	8.97	243.05	34.50	2.93
	A0000052	538010.39	330327.06	3.15	8.97	243.05	34.50	2.93
	A0000053	538006.32	330335.06	3.15	8.97	243.05	34.50	2.93
	A0000054	538002.26	330343.06	3.15	8.97	243.05	34.50	2.93
	A0000055	537998.19	330351.06	3.15	8.97	243.05	34.50	2.93
	A0000056	537994.12	330359.06	3.15	8.97	243.05	34.50	2.93
	A0000057	537989.15	330368.28	3.15	8.84	223.85	34.50	2.93
	A0000058	537982.78	330374.41	3.15	8.84	223.85	34.50	2.93
	A0000059	537976.40	330380.53	3.15	8.84	223.85	34.50	2.93
	A0000060	537970.03	330386.66	3.15	8.84	223.85	34.50	2.93
	A0000061	537963.65	330392.78	3.15	8.84	223.85	34.50	2.93
	A0000062	537957.28	330398.91	3.15	8.84	223.85	34.50	2.93
	A0000063	537950.90	330405.03	3.15	8.84	223.85	34.50	2.93
	A0000064	537944.53	330411.16	3.15	8.84	223.85	34.50	2.93
	A0000065	537937.59	330417.74	3.15	7.91	214.70	34.50	2.93
	A0000066	537931.09	330422.24	3.15	7.91	214.70	34.50	2.93
	A0000067	537925.22	330426.22	3.14	8.08	225.00	34.50	2.93
	A0000068	537919.50	330431.93	3.14	8.08	225.00	34.50	2.93
	A0000069	537913.79	330437.65	3.14	8.08	225.00	34.50	2.93

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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]
A3_2	A0000070	537908.07	330443.36	3.14	8.08	225.00	34.50	2.93
	A0000071	537902.36	330449.07	3.14	8.08	225.00	34.50	2.93
	A0000072	537896.65	330454.79	3.14	8.08	225.00	34.50	2.93
	A0000073	537890.93	330460.50	3.14	8.08	225.00	34.50	2.93
	A0000074	537884.28	330466.94	3.14	8.66	210.02	34.58	2.93
	A0000075	537876.78	330471.27	3.14	8.66	210.02	34.73	2.93
	A0000076	537869.28	330475.61	3.14	8.66	210.02	34.88	2.93
	A0000077	537861.78	330479.94	3.14	8.66	210.02	35.03	2.93
	A0000078	537854.28	330484.27	3.14	8.66	210.02	35.18	2.93
	A0000079	537846.78	330488.61	3.15	8.66	210.02	35.33	2.93
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]
A3_1	A0000080	538325.87	330399.56	3.15	6.80	101.31	34.50	2.93