

Source Pathway - Source Inputs

AERMOD

Source Pathway - Source Inputs

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Polygon Area Sources

Source Type: AREA POLY

Source: RENDA_1 (Ieguves 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]
43.00	2.50	3.64E-6		4	392637.60	327370.65
		3.64E-6			392632.15	327329.04
		3.64E-6			392758.64	327311.93
		3.64E-6			392751.94	327345.30

Source Type: AREA POLY

Source: RENDA_3_1 (Tehnoloģiskais laukums (krautņu veidošana, sijāšana, pārvietošana))

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]
43.00	2.50	0,00002		28	392664.44	327299.11
		0,00002			392650.25	327291.35
		0,00002			392645.69	327285.45
		0,00002			392649.71	327270.46
		0,00002			392660.16	327262.42
		0,00002			392680.51	327252.51
		0,00002			392692.56	327242.34
		0,00002			392699.79	327227.61
		0,00002			392697.38	327214.75
		0,00002			392688.81	327209.66
		0,00002			392687.10	327192.75
		0,00002			392700.15	327175.18
		0,00002			392730.05	327179.94
		0,00002			392751.48	327185.03
		0,00002			392759.53	327193.11
		0,00002			392758.44	327209.13
		0,00002			392754.42	327221.98
		0,00002			392744.78	327230.29
		0,00002			392735.41	327232.43
		0,00002			392726.57	327227.61

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Source Type: AREA POLY

Source: RENDA_3_1 (Tehnoloģiskais laukums (krautņu veidošana, sijāšana, pārvietošana))

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]
43.00	2.50	0,00002		28	392719.61	327227.88
		0,00002			392710.24	327235.37
		0,00002			392715.39	327245.28
		0,00002			392715.20	327246.36
		0,00002			392713.18	327257.87
		0,00002			392707.31	327274.86
		0,00002			392693.84	327295.19
		0,00002			392678.90	327303.37

Source Pathway - Source Inputs

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Source Type: AREA POLY

Source: RENDA_3_2 (Tehnoloģiskais laukums (drupināšana))

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]
43.00	2.50	4.58E-6	0.00	28	392664.44	327299.11
		4.58E-6			392650.25	327291.35
		4.58E-6			392645.69	327285.45
		4.58E-6			392649.71	327270.46
		4.58E-6			392660.16	327262.42
		4.58E-6			392680.51	327252.51
		4.58E-6			392692.56	327242.34
		4.58E-6			392699.79	327227.61
		4.58E-6			392697.38	327214.75
		4.58E-6			392688.81	327209.66
		4.58E-6			392687.10	327192.75
		4.58E-6			392700.15	327175.18
		4.58E-6			392730.05	327179.94
		4.58E-6			392751.48	327185.03
		4.58E-6			392759.53	327193.11
		4.58E-6			392758.44	327209.13
		4.58E-6			392754.42	327221.98
		4.58E-6			392744.78	327230.29
		4.58E-6			392735.41	327232.43
		4.58E-6			392726.57	327227.61
		4.58E-6			392719.61	327227.88
		4.58E-6			392710.24	327235.37
		4.58E-6			392715.39	327245.28
		4.58E-6			392715.20	327246.36
		4.58E-6			392713.18	327257.87
		4.58E-6			392707.31	327274.86
		4.58E-6			392693.84	327295.19
		4.58E-6			392678.90	327303.37

Source Pathway - Source Inputs

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Source Type: AREA POLY

Source: RENDA_3_3 (Tehnoloģiskais laukums (kraušana automašīnās))

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]
43.00	2.50	6.11E-7	0.00	28	392664.44	327299.11
		6.11E-7			392650.25	327291.35
		6.11E-7			392645.69	327285.45
		6.11E-7			392649.71	327270.46
		6.11E-7			392660.16	327262.42
		6.11E-7			392680.51	327252.51
		6.11E-7			392692.56	327242.34
		6.11E-7			392699.79	327227.61
		6.11E-7			392697.38	327214.75
		6.11E-7			392688.81	327209.66
		6.11E-7			392687.10	327192.75
		6.11E-7			392700.15	327175.18
		6.11E-7			392730.05	327179.94
		6.11E-7			392751.48	327185.03
		6.11E-7			392759.53	327193.11
		6.11E-7			392758.44	327209.13
		6.11E-7			392754.42	327221.98
		6.11E-7			392744.78	327230.29
		6.11E-7			392735.41	327232.43
		6.11E-7			392726.57	327227.61
		6.11E-7			392719.61	327227.88
		6.11E-7			392710.24	327235.37
		6.11E-7			392715.39	327245.28
		6.11E-7			392715.20	327246.36
		6.11E-7			392713.18	327257.87
		6.11E-7			392707.31	327274.86
		6.11E-7			392693.84	327295.19
		6.11E-7			392678.90	327303.37

Source Pathway - Source Inputs

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Source Type: AREA POLY

Source: RENDA_3_4 (Tehnoloģiskais laukums (materiāla uzglabāšana))

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]
43.00	10.00	2.83E-8	0.00	28	392664.44	327299.11
		2.83E-8			392650.25	327291.35
		2.83E-8			392645.69	327285.45
		2.83E-8			392649.71	327270.46
		2.83E-8			392660.16	327262.42
		2.83E-8			392680.51	327252.51
		2.83E-8			392692.56	327242.34
		2.83E-8			392699.79	327227.61
		2.83E-8			392697.38	327214.75
		2.83E-8			392688.81	327209.66
		2.83E-8			392687.10	327192.75
		2.83E-8			392700.15	327175.18
		2.83E-8			392730.05	327179.94
		2.83E-8			392751.48	327185.03
		2.83E-8			392759.53	327193.11
		2.83E-8			392758.44	327209.13
		2.83E-8			392754.42	327221.98
		2.83E-8			392744.78	327230.29
		2.83E-8			392735.41	327232.43
		2.83E-8			392726.57	327227.61
		2.83E-8			392719.61	327227.88
		2.83E-8			392710.24	327235.37
		2.83E-8			392715.39	327245.28
		2.83E-8			392715.20	327246.36
		2.83E-8			392713.18	327257.87
		2.83E-8			392707.31	327274.86
		2.83E-8			392693.84	327295.19
		2.83E-8			392678.90	327303.37

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Source Type: AREA POLY

Source: MEZKALNI_3_1 (Tehnoloģiskais laukums (krautņu veidošana, sijāšana, pārvietošana))

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]
43.00	2.50	0,00002		4	392699.35	327770.82
		0,00002			392691.13	327777.87
		0,00002			392566.22	327760.33
		0,00002			392649.06	327669.40

Source Type: AREA POLY

Source: MEZKALNI_3_2 (Tehnoloģiskais laukums (drupināšana))

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]
43.00	2.50	3.93E-6	0.00	4	392699.35	327770.82
		3.93E-6			392691.13	327777.87
		3.93E-6			392566.22	327760.33
		3.93E-6			392649.06	327669.40

Source Type: AREA POLY

Source: MEZKALNI_3_3 (Tehnoloģiskais laukums (kraušana automašīnās))

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]
43.00	2.50	5.24E-7	0.00	4	392699.35	327770.82
		5.24E-7			392691.13	327777.87
		5.24E-7			392566.22	327760.33
		5.24E-7			392649.06	327669.40

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Source Type: AREA POLY

Source: MEZKALNI_3_4 (Tehnoloģiskais laukums (materiāla uzglabāšana))

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]
43.00	10.00	3.00E-8	0.00	4	392699.35	327770.82
		3.00E-8			392691.13	327777.87
		3.00E-8			392566.22	327760.33
		3.00E-8			392649.06	327669.40

Source Type: AREA POLY

Source: MEZKALNI_1 (Ieguves 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]
43.00	2.50	7.28E-7		5	392529.52	327447.67
		7.28E-7			392616.39	327605.92
		7.28E-7			392242.07	327608.47
		7.28E-7			392400.04	327570.16
		7.28E-7			392528.88	327448.30

Source Pathway - Source Inputs

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Line Area Sources

Source Type: LINE AREA

Source: MEZKALNI_2 (Transportēšanas maršruts no ieguves laukuma līdz tehn.laukumam)

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]
3.00	0,00040		392633.46	327733.08	43.00	0.00
			392524.34	327452.55	43.00	0.00

Source Type: LINE AREA

Source: MEZKALNI_4 (Transportēšanas maršruts no tehn.laukuma pa lokālo izvešanas ceļu)

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]
8.00	0,00003		392649.37	327698.09	43.00	0.00
			392694.12	327669.17	43.00	0.00
			392700.96	327675.85	43.00	0.00
			392728.36	327702.57	43.00	0.00
			392759.26	327736.81	43.00	0.00
			392779.30	327771.06	43.00	0.00
			392805.19	327791.93	43.00	0.00
			392856.14	327803.63	43.00	0.00
			393625.30	327913.03	43.00	0.00
			393834.92	327943.93	43.00	0.00
			394118.56	327985.90	43.00	0.00
			394336.54	328020.53	43.00	0.00
			394387.90	328031.16	43.00	0.00

Source Pathway - Source Inputs

AERMOD

Source Type: LINE AREA

Source: RENDA_2 (Transportēšanas maršruts no ieguves laukuma līdz tehn.laukumam)

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]
3.00	0,00074		392705.42	327205.00	43.00	0.00
			392717.17	327234.37	43.00	0.00
			392718.59	327250.66	43.00	0.00
			392704.96	327289.06	43.00	0.00
			392692.19	327311.02	43.00	0.00
			392656.90	327352.77	43.00	0.00

Source Pathway - Source Inputs

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Source Type: LINE AREA

Source: RENDA_4 (Transportēšanas maršruts no tehn.laukuma pa lokālo izvešanas ceļu)

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]
8.00	0,00002		392708.98	327202.16	43.00	0.00
			392718.64	327188.28	43.00	0.00
			392746.41	327182.84	43.00	0.00
			392759.69	327181.03	43.00	0.00
			392803.75	327190.69	43.00	0.00
			392865.92	327209.40	43.00	0.00
			392952.84	327237.77	43.00	0.00
			393028.29	327261.31	43.00	0.00
			393083.22	327270.37	43.00	0.00
			393136.34	327274.59	43.00	0.00
			393169.54	327281.84	43.00	0.00
			393189.46	327296.32	43.00	0.00
			393220.24	327344.01	43.00	0.00
			393240.76	327383.85	43.00	0.00
			393245.59	327409.80	43.00	0.00
			393237.75	327437.57	43.00	0.00
			393220.85	327482.84	43.00	0.00
			393218.43	327494.91	43.00	0.00
			393237.14	327572.17	43.00	0.00
			393247.40	327617.44	43.00	0.00
			393260.08	327663.92	43.00	0.00
			393269.74	327698.93	43.00	0.00
			393290.86	327752.65	43.00	0.00
			393312.59	327798.53	43.00	0.00
			393317.42	327829.92	43.00	0.00
			393313.80	327868.55	43.00	0.00
			393625.38	327913.44	43.00	0.00
			393853.73	327946.43	43.00	0.00
			394255.19	328007.60	43.00	0.00
			394388.27	328031.32	43.00	0.00

Source Pathway - Source Inputs

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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]
RENDA_2	A0000061	392706.81	327204.44	0.00	31.63	291.82	0.00	
	A0000062	392718.66	327234.24	0.00	16.36	274.97	0.00	
	A0000063	392720.00	327251.16	0.00	40.74	250.46	0.00	
	A0000064	392706.26	327289.81	0.00	25.41	239.84	0.00	
	A0000065	392693.34	327311.99	0.00	54.67	229.78	0.00	
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]
RENDA_4	A0000066	392705.70	327199.87	0.00	16.91	55.18	43.00	
	A0000067	392717.87	327184.35	0.00	28.29	11.07	43.00	
	A0000068	392745.87	327178.88	0.00	13.40	7.77	43.00	
	A0000069	392760.54	327177.12	0.00	45.11	347.64	43.00	
	A0000070	392804.90	327186.86	0.00	64.93	343.25	43.00	
	A0000071	392867.16	327205.60	0.00	91.43	341.92	43.00	
	A0000072	392954.03	327233.95	0.00	79.04	342.67	43.00	
	A0000073	393028.94	327257.37	0.00	55.67	350.64	43.00	
	A0000074	393083.54	327266.38	0.00	53.29	355.45	43.00	
	A0000075	393137.19	327270.68	0.00	33.98	347.69	43.00	
	A0000076	393171.89	327278.60	0.00	24.63	323.97	43.00	
	A0000077	393192.82	327294.15	0.00	56.76	302.85	43.00	
	A0000078	393223.80	327342.18	0.00	44.81	297.26	43.00	
	A0000079	393244.70	327383.11	0.00	26.40	280.54	43.00	
	A0000080	393249.44	327410.89	0.00	28.85	254.22	43.00	
	A0000081	393241.49	327438.97	0.00	48.32	249.53	43.00	
	A0000082	393224.77	327483.62	0.00	12.31	258.69	43.00	

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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]
RENDA_4	A0000083	393222.32	327493.97	0.00	79.50	283.61	43.00	
	A0000084	393241.04	327571.29	0.00	46.42	282.77	43.00	
	A0000085	393251.26	327616.39	0.00	48.18	285.26	43.00	
	A0000086	393263.94	327662.86	0.00	36.32	285.42	43.00	
	A0000087	393273.46	327697.47	0.00	57.73	291.47	43.00	
	A0000088	393294.48	327750.94	0.00	50.76	295.35	43.00	
	A0000089	393316.55	327797.92	0.00	31.76	278.75	43.00	
	A0000090	393321.41	327830.29	0.00	38.80	264.64	43.00	
	A0000091	393314.37	327864.59	0.00	314.79	351.80	43.00	
	A0000092	393625.95	327909.48	0.00	230.72	351.78	43.00	
	A0000093	393854.33	327942.48	0.00	406.10	351.34	43.00	
	A0000094	394255.89	328003.66	0.00	135.18	349.89	43.00	
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]
MEZKALNI_4	A0000095	392647.20	327694.73	0.00	53.28	32.87	43.00	
	A0000096	392696.91	327666.31	0.00	9.56	315.71	43.00	
	A0000097	392703.76	327672.98	0.00	38.27	315.71	43.00	
	A0000098	392731.33	327699.89	0.00	46.12	312.06	43.00	
	A0000099	392762.71	327734.79	0.00	39.68	300.34	43.00	
	A0000100	392781.81	327767.94	0.00	33.26	321.12	43.00	
	A0000101	392806.09	327788.04	0.00	52.27	347.07	43.00	
	A0000102	392856.70	327799.67	0.00	776.91	351.90	43.00	
	A0000103	393625.89	327909.07	0.00	211.89	351.61	43.00	
	A0000104	393835.51	327939.97	0.00	286.72	351.58	43.00	
	A0000105	394119.19	327981.94	0.00	220.72	350.97	43.00	

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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]
MEZKALNI_4	A0000106	394337.35	328016.61	0.00	52.44	348.30	43.00	
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]
MEZKALNI_2	A0000107	392632.07	327733.63	0.00	150.50	111.25	43.00	
	A0000108	392577.51	327593.36	0.00	150.50	111.25	43.00	