

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	8.66E-7		4	392637.60	327370.65
		8.66E-7			392632.15	327329.04
		8.66E-7			392758.64	327311.93
		8.66E-7			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	3.78E-6		28	392664.44	327299.11
		3.78E-6			392650.25	327291.35
		3.78E-6			392645.69	327285.45
		3.78E-6			392649.71	327270.46
		3.78E-6			392660.16	327262.42
		3.78E-6			392680.51	327252.51
		3.78E-6			392692.56	327242.34
		3.78E-6			392699.79	327227.61
		3.78E-6			392697.38	327214.75
		3.78E-6			392688.81	327209.66
		3.78E-6			392687.10	327192.75
		3.78E-6			392700.15	327175.18
		3.78E-6			392730.05	327179.94
		3.78E-6			392751.48	327185.03
		3.78E-6			392759.53	327193.11
		3.78E-6			392758.44	327209.13
		3.78E-6			392754.42	327221.98
		3.78E-6			392744.78	327230.29
		3.78E-6			392735.41	327232.43
		3.78E-6			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	3.78E-6		28	392719.61	327227.88
		3.78E-6			392710.24	327235.37
		3.78E-6			392715.39	327245.28
		3.78E-6			392715.20	327246.36
		3.78E-6			392713.18	327257.87
		3.78E-6			392707.31	327274.86
		3.78E-6			392693.84	327295.19
		3.78E-6			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	8.07E-7	0.00	28	392664.44	327299.11
		8.07E-7			392650.25	327291.35
		8.07E-7			392645.69	327285.45
		8.07E-7			392649.71	327270.46
		8.07E-7			392660.16	327262.42
		8.07E-7			392680.51	327252.51
		8.07E-7			392692.56	327242.34
		8.07E-7			392699.79	327227.61
		8.07E-7			392697.38	327214.75
		8.07E-7			392688.81	327209.66
		8.07E-7			392687.10	327192.75
		8.07E-7			392700.15	327175.18
		8.07E-7			392730.05	327179.94
		8.07E-7			392751.48	327185.03
		8.07E-7			392759.53	327193.11
		8.07E-7			392758.44	327209.13
		8.07E-7			392754.42	327221.98
		8.07E-7			392744.78	327230.29
		8.07E-7			392735.41	327232.43
		8.07E-7			392726.57	327227.61
		8.07E-7			392719.61	327227.88
		8.07E-7			392710.24	327235.37
		8.07E-7			392715.39	327245.28
		8.07E-7			392715.20	327246.36
		8.07E-7			392713.18	327257.87
		8.07E-7			392707.31	327274.86
		8.07E-7			392693.84	327295.19
		8.07E-7			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	9.26E-8	0.00	28	392664.44	327299.11
		9.26E-8			392650.25	327291.35
		9.26E-8			392645.69	327285.45
		9.26E-8			392649.71	327270.46
		9.26E-8			392660.16	327262.42
		9.26E-8			392680.51	327252.51
		9.26E-8			392692.56	327242.34
		9.26E-8			392699.79	327227.61
		9.26E-8			392697.38	327214.75
		9.26E-8			392688.81	327209.66
		9.26E-8			392687.10	327192.75
		9.26E-8			392700.15	327175.18
		9.26E-8			392730.05	327179.94
		9.26E-8			392751.48	327185.03
		9.26E-8			392759.53	327193.11
		9.26E-8			392758.44	327209.13
		9.26E-8			392754.42	327221.98
		9.26E-8			392744.78	327230.29
		9.26E-8			392735.41	327232.43
		9.26E-8			392726.57	327227.61
		9.26E-8			392719.61	327227.88
		9.26E-8			392710.24	327235.37
		9.26E-8			392715.39	327245.28
		9.26E-8			392715.20	327246.36
		9.26E-8			392713.18	327257.87
		9.26E-8			392707.31	327274.86
		9.26E-8			392693.84	327295.19
		9.26E-8			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	4.16E-9	0.00	28	392664.44	327299.11
		4.16E-9			392650.25	327291.35
		4.16E-9			392645.69	327285.45
		4.16E-9			392649.71	327270.46
		4.16E-9			392660.16	327262.42
		4.16E-9			392680.51	327252.51
		4.16E-9			392692.56	327242.34
		4.16E-9			392699.79	327227.61
		4.16E-9			392697.38	327214.75
		4.16E-9			392688.81	327209.66
		4.16E-9			392687.10	327192.75
		4.16E-9			392700.15	327175.18
		4.16E-9			392730.05	327179.94
		4.16E-9			392751.48	327185.03
		4.16E-9			392759.53	327193.11
		4.16E-9			392758.44	327209.13
		4.16E-9			392754.42	327221.98
		4.16E-9			392744.78	327230.29
		4.16E-9			392735.41	327232.43
		4.16E-9			392726.57	327227.61
		4.16E-9			392719.61	327227.88
		4.16E-9			392710.24	327235.37
		4.16E-9			392715.39	327245.28
		4.16E-9			392715.20	327246.36
		4.16E-9			392713.18	327257.87
		4.16E-9			392707.31	327274.86
		4.16E-9			392693.84	327295.19
		4.16E-9			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	3.25E-6		4	392699.35	327770.82
		3.25E-6			392691.13	327777.87
		3.25E-6			392566.22	327760.33
		3.25E-6			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	6.93E-7	0.00	4	392699.35	327770.82
		6.93E-7			392691.13	327777.87
		6.93E-7			392566.22	327760.33
		6.93E-7			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	7.94E-8	0.00	4	392699.35	327770.82
		7.94E-8			392691.13	327777.87
		7.94E-8			392566.22	327760.33
		7.94E-8			392649.06	327669.40

Source Pathway - Source Inputs

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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	4.57E-9	0.00	4	392699.35	327770.82
		4.57E-9			392691.13	327777.87
		4.57E-9			392566.22	327760.33
		4.57E-9			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	1.73E-7		5	392529.52	327447.67
		1.73E-7			392616.39	327605.92
		1.73E-7			392242.07	327608.47
		1.73E-7			392400.04	327570.16
		1.73E-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	0,00004		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	2.86E-6		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

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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	0,00007		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

AERMOD

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	2.22E-6		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]
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	
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	A0000109	392647.20	327694.73	0.00	53.28	32.87	43.00	
	A0000110	392696.91	327666.31	0.00	9.56	315.71	43.00	
	A0000111	392703.76	327672.98	0.00	38.27	315.71	43.00	
	A0000112	392731.33	327699.89	0.00	46.12	312.06	43.00	
	A0000113	392762.71	327734.79	0.00	39.68	300.34	43.00	
	A0000114	392781.81	327767.94	0.00	33.26	321.12	43.00	
	A0000115	392806.09	327788.04	0.00	52.27	347.07	43.00	
	A0000116	392856.70	327799.67	0.00	776.91	351.90	43.00	
	A0000117	393625.89	327909.07	0.00	211.89	351.61	43.00	
	A0000118	393835.51	327939.97	0.00	286.72	351.58	43.00	
	A0000119	394119.19	327981.94	0.00	220.72	350.97	43.00	
	A0000120	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]
RENDA_2	A0000121	392706.81	327204.44	0.00	31.63	291.82	43.00	
	A0000122	392718.66	327234.24	0.00	16.36	274.97	43.00	
	A0000123	392720.00	327251.16	0.00	40.74	250.46	43.00	
	A0000124	392706.26	327289.81	0.00	25.41	239.84	43.00	
	A0000125	392693.34	327311.99	0.00	54.67	229.78	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	A0000126	392705.70	327199.87	0.00	16.91	55.18	43.00	
	A0000127	392717.87	327184.35	0.00	28.29	11.07	43.00	
	A0000128	392745.87	327178.88	0.00	13.40	7.77	43.00	
	A0000129	392760.54	327177.12	0.00	45.11	347.64	43.00	
	A0000130	392804.90	327186.86	0.00	64.93	343.25	43.00	
	A0000131	392867.16	327205.60	0.00	91.43	341.92	43.00	
	A0000132	392954.03	327233.95	0.00	79.04	342.67	43.00	
	A0000133	393028.94	327257.37	0.00	55.67	350.64	43.00	
	A0000134	393083.54	327266.38	0.00	53.29	355.45	43.00	
	A0000135	393137.19	327270.68	0.00	33.98	347.69	43.00	
	A0000136	393171.89	327278.60	0.00	24.63	323.97	43.00	
	A0000137	393192.82	327294.15	0.00	56.76	302.85	43.00	
	A0000138	393223.80	327342.18	0.00	44.81	297.26	43.00	
	A0000139	393244.70	327383.11	0.00	26.40	280.54	43.00	
	A0000140	393249.44	327410.89	0.00	28.85	254.22	43.00	
	A0000141	393241.49	327438.97	0.00	48.32	249.53	43.00	
	A0000142	393224.77	327483.62	0.00	12.31	258.69	43.00	
	A0000143	393222.32	327493.97	0.00	79.50	283.61	43.00	
	A0000144	393241.04	327571.29	0.00	46.42	282.77	43.00	
	A0000145	393251.26	327616.39	0.00	48.18	285.26	43.00	
	A0000146	393263.94	327662.86	0.00	36.32	285.42	43.00	
	A0000147	393273.46	327697.47	0.00	57.73	291.47	43.00	
	A0000148	393294.48	327750.94	0.00	50.76	295.35	43.00	
	A0000149	393316.55	327797.92	0.00	31.76	278.75	43.00	
	A0000150	393321.41	327830.29	0.00	38.80	264.64	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	A0000151	393314.37	327864.59	0.00	314.79	351.80	43.00	
	A0000152	393625.95	327909.48	0.00	230.72	351.78	43.00	
	A0000153	393854.33	327942.48	0.00	406.10	351.34	43.00	
	A0000154	394255.89	328003.66	0.00	135.18	349.89	43.00	