

WENTX Dust Emission Inventory for RSP and FSP assessment [Scenario 8] [1][2]

Dust Source	Source ID	Scenario [3]	Type	X	Y	Base Elevation	Release Height	Exit Temperature	Exit Velocity	Internal Diameter	X-dim	Y-dim	Angle	Sz	Emission Rate			Operation Hour per Day	
				[m]	[m]	[mPD]	[m]	[K]	[m/s]	[m]	[m]	[m]	[°]	[m]	[g/s]	[g/m ² /s]	[g/s]	[g/m ² /s]	
3-Construction of Landfill Cell 6	L6_BL_A	A	AREA	810940.1	830564.7	75	0	-	-	-	110	20	88	-	-	1.237E-04	-	7.137E-06	
3-Construction of Landfill Cell 6	L6_BL_B	B	AREA	810940.1	830564.7	75	0	-	-	-	110	20	88	-	-	1.237E-04	-	7.137E-06	
3-Construction of Landfill Cell 6	L6_BL_C	C	AREA	810873.5	830489.5	50	0	-	-	-	20	110	41	-	-	1.237E-04	-	7.137E-06	Any 1 hour within 1000 - 1700 (Blasting)
3-Construction of Landfill Cell 6	L6_BL_D	D	AREA	810770.8	830373.2	15	0	-	-	-	20	110	41	-	-	1.237E-04	-	7.137E-06	
3-Construction of Landfill Cell 6	L6_BL_E	E	AREA	810414.1	829969.6	225	0	-	-	-	20	110	41	-	-	1.237E-04	-	7.137E-06	
3-Construction of Landfill Cell 6	L6_BL_F	F	AREA	810419.6	829976.1	225	0	-	-	-	20	110	80	-	-	1.237E-04	-	7.137E-06	
3-Construction of Landfill Cell 6	L6_HC_A1	A	AREA	810910.8	830427.4	50	0	-	-	-	50	110	2	-	-	8.149E-06	-	1.240E-06	
3-Construction of Landfill Cell 6	L6_HC_B1	B	AREA	810910.8	830427.4	50	0	-	-	-	50	110	2	-	-	8.149E-06	-	1.240E-06	
3-Construction of Landfill Cell 6	L6_HC_C1	C	AREA	810858.4	830472.3	50	0	-	-	-	50	110	41	-	-	8.149E-06	-	1.240E-06	
3-Construction of Landfill Cell 6	L6_HC_D1	D	AREA	810770.8	830373.2	15	0	-	-	-	50	110	41	-	-	8.149E-06	-	1.240E-06	
3-Construction of Landfill Cell 6	L6_HC_E1	E	AREA	810435	829993.3	200	0	-	-	-	50	110	41	-	-	8.149E-06	-	1.240E-06	
3-Construction of Landfill Cell 6	L6_HC_F1	F	AREA	810435	829993.3	200	0	-	-	-	50	110	41	-	-	8.149E-06	-	1.240E-06	
4-Operation of Landfill Cell 1A	L1A_CWE_A1	A	AREA	810638.9	830971.2	15	0	-	-	-	60	27	36	-	-	1.275E-06	-	1.941E-07	
4-Operation of Landfill Cell 1A	L1A_CWE_A2	A	AREA	810568.9	831001.1	15	0	-	-	-	60	27	30	-	-	1.275E-06	-	1.941E-07	
4-Operation of Landfill Cell 1A	L1A_CWE_B1	B	AREA	810638.9	830971.2	15	0	-	-	-	60	27	36	-	-	1.275E-06	-	1.941E-07	
4-Operation of Landfill Cell 1A	L1A_CWE_B2	B	AREA	810586.9	831001.1	15	0	-	-	-	60	27	30	-	-	1.275E-06	-	1.941E-07	
4-Operation of Landfill Cell 1A	L1A_CWE_C1	C	AREA	810446.6	831073.4	25	15	-	-	-	27	60	84	-	-	1.275E-06	-	1.941E-07	
4-Operation of Landfill Cell 1A	L1A_CWE_C2	C	AREA	810383.6	831051	25	15	-	-	-	27	60	69	-	-	1.275E-06	-	1.941E-07	
4-Operation of Landfill Cell 1A	L1A_CWE_D1	D	AREA	810321.4	830994.4	25	15	-	-	-	27	60	44	-	-	1.275E-06	-	1.941E-07	
4-Operation of Landfill Cell 1A	L1A_CWE_D2	D	AREA	810290.9	830932.9	25	15	-	-	-	27	60	25	-	-	1.275E-06	-	1.941E-07	
4-Operation of Landfill Cell 1A	L1A_CWE_E1	E	AREA	810268.2	830878.9	15	35	-	-	-	60	27	45	-	-	1.275E-06	-	1.941E-07	
4-Operation of Landfill Cell 1A	L1A_CWE_E2	E	AREA	810309.8	830835.8	15	35	-	-	-	60	27	45	-	-	1.275E-06	-	1.941E-07	
4-Operation of Landfill Cell 1A	L1A_CWE_F1	F	AREA	810377.4	830765.8	15	0	-	-	-	60	27	45	-	-	1.275E-06	-	1.941E-07	
4-Operation of Landfill Cell 1A	L1A_CWE_F2	F	AREA	810419.1	830722.6	15	0	-	-	-	60	27	45	-	-	1.275E-06	-	1.941E-07	
4-Operation of Landfill Cell 1A	L1A_CHR_A1	A	AREA	810638.9	830971.2	15	2.55	-	-	-	60	27	36	2.372	-	5.143E-07	-	5.143E-08	
4-Operation of Landfill Cell 1A	L1A_CHR_A2	A	AREA	810568.9	831001.1	15	2.55	-	-	-	60	27	30	2.372	-	5.143E-07	-	5.143E-08	
4-Operation of Landfill Cell 1A	L1A_CHR_B1	B	AREA	810638.9	830971.2	15	2.55	-	-	-	60	27	36	2.372	-	5.143E-07	-	5.143E-08	
4-Operation of Landfill Cell 1A	L1A_CHR_B2	B	AREA	810568.9	831001.1	15	2.55	-	-	-	60	27	30	2.372	-	5.143E-07	-	5.143E-08	
4-Operation of Landfill Cell 1A	L1A_CHR_C1	C	AREA	810446.6	831073.4	25	15	-	-	-	27	60	84	2.372	-	5.143E-07	-	5.143E-08	
4-Operation of Landfill Cell 1A	L1A_CHR_C2	C	AREA	810383.6	831051	25	15	-	-	-	27	60	69	2.372	-	5.143E-07	-	5.143E-08	
4-Operation of Landfill Cell 1A	L1A_CHR_D1	D	AREA	810321.4	830994.4	25	15	-	-	-	27	60	44	2.372	-	5.143E-07	-	5.143E-08	
4-Operation of Landfill Cell 1A	L1A_CHR_D2	D	AREA	810290.9	830932.9	25	15	-	-	-	27	60	25	2.372	-	5.143E-07	-	5.143E-08	
4-Operation of Landfill Cell 1A	L1A_CHR_E1	E	AREA	810268.2	830878.9	15	35	-	-	-	60	27	45	2.372	-	5.143E-07	-	5.143E-08	
4-Operation of Landfill Cell 1A	L1A_CHR_E2	E	AREA	810309.8	830835.8	15	35	-	-	-	60	27	45	2.372	-	5.143E-07	-	5.143E-08	
4-Operation of Landfill Cell 1A	L1A_CHR_F1	F	AREA	810377.4	830765.8	15	2.55	-	-	-	60	27	45	2.372	-	5.143E-07	-	5.143E-08	
4-Operation of Landfill Cell 1A	L1A_CHR_F2	F	AREA	810419.1	830722.6	15	2.55	-	-	-	60	27	45	2.372	-	5.143E-07	-	5.143E-08	
4-Operation of Landfill Cell 1A	L1A_CHC_A1	A	AREA	810638.9	830971.2	15	2.55	-	-	-	60	27	36	2.372	-	5.252E-07	-	5.252E-08	
4-Operation of Landfill Cell 1A	L1A_CHC_A2	A	AREA	810568.9	831001.1	15	2.55	-	-	-	60	27	30	2.372	-	5.252E-07	-	5.252E-08	
4-Operation of Landfill Cell 1A	L1A_CHC_B1	B	AREA	810638.9	830971.2	15	2.55	-	-	-	60	27	36	2.372	-	5.252E-07	-	5.252E-08	
4-Operation of Landfill Cell 1A	L1A_CHC_B2	B	AREA	810568.9	831001.1	15	2.55	-	-	-	60	27	30	2.372	-	5.252E-07	-	5.252E-08	
4-Operation of Landfill Cell 1A	L1A_CHC_C1	C	AREA	810446.6	831073.4	25	15	-	-	-	27	60	84	2.372	-	5.252E-07	-	5.252E-08	
4-Operation of Landfill Cell 1A	L1A_CHC_C2	C	AREA	810383.6	831051	25	15	-	-	-	27	60	69	2.372	-	5.252E-07	-	5.252E-08	
4-Operation of Landfill Cell 1A	L1A_CHC_D1	D	AREA	810321.4	830994.4	25	15	-	-	-	27	60	44	2.372	-	5.252E-07	-	5.252E-08	
4-Operation of Landfill Cell 1A	L1A_CHC_D2	D	AREA	810290.9	830932.9	25	15	-	-	-	27	60	25	2.372	-	5.252E-07	-	5.252E-08	
4-Operation of Landfill Cell 1A	L1A_CHC_E1	E	AREA	810268.2	830878.9	15	35	-	-	-	60	27	45	2.372	-	5.252E-07	-	5.252E-08	
4-Operation of Landfill Cell 1A	L1A_CHC_E2	E	AREA	810309.8	830835.8	15	35	-	-	-	60	27	45	2.372	-	5.252E-07	-	5.252E-08	
4-Operation of Landfill Cell 1A	L1A_CHC_F1	F	AREA	810377.4	830765.8	15	2.55	-	-	-	60	27	45	2.372	-	5.252E-07	-	5.252E-08	
4-Operation of Landfill Cell 1A	L1A_CHC_F2	F	AREA	810419.1	830722.6	15	2.55	-	-	-	60	27	45	2.372	-	5.252E-07	-	5.252E-08	
4-Operation of Landfill Cell 1A	L1A_WFM_A1	A	AREA	810655	830992.9	15	0	-	-	-	60	3	36	-	-	5.959E-06	-	8.483E-07	
4-Operation of Landfill Cell 1A	L1A_WFM_A2	A	AREA	810600.4	831024.4	15	0	-	-	-	60	3	30	-	-	5.959E-06	-	8.483E-07	
4-Operation of Landfill Cell 1A	L1A_WFM_B1	B	AREA	810655	830992.9	15	0	-	-	-	60	3	36	-	-	5.959E-06	-	8.483E-07	
4-Operation of Landfill Cell 1A	L1A_WFM_B2	B	AREA	810600.4	831024.4	15	0	-	-	-	60	3	30	-	-	5.959E-06	-	8.483E-07	
4-Operation of Landfill Cell 1A	L1A_WFM_C1	C	AREA	810446.3	831076.4	25	15	-	-	-	3	60	84	-	-	5.959E-06	-	8.483E-07	
4-Operation of Landfill Cell 1A	L1A_WFM_C2	C	AREA	810382.5	831053.7	25	15	-	-	-	3	60	69	-	-	5.959E-06	-	8.483E-07	
4-Operation of Landfill Cell 1A	L1A_WFM_D1	D	AREA	810313.9	830996.5	25	15	-	-	-	3	60	44	-	-	5.959E-06	-	8.483E-07	
4-Operation of Landfill Cell 1A	L1A_WFM_D2	D	AREA	810288.2	830934.2	25	15	-	-	-	3	60	25	-	-	5.959E-06	-	8.483E-07	
4-Operation of Landfill Cell 1A	L1A_WFM_E1	E	AREA	810266	830876.8	15	35	-	-	-	60	3	45	-	-	5.959E-06	-	8.483E-07	
4-Operation of Landfill Cell 1A	L1A_WFM_E2	E	AREA	810307.7	830833.7	15	35	-	-	-	60	3	45	-	-	5.959E-06	-	8.483E-07	
4-Operation of Landfill Cell 1A	L1A_WFM_F1	F	AREA	810375.3	830763.7	15	0	-	-	-	60	3	45	-	-	5.959E-06	-	8.483E-07	
4-Operation of Landfill Cell 1A	L1A_WFM_F2	F	AREA	810417	830720.5	15	0	-	-	-	60	3	45	-	-	5.959E-06	-	8.483E-07	
4-Operation of Landfill Cell 1A	L1A_WFS1A	A	AREA	810700.8	830959	15	0	-	-	-	3	3	36	-	-	4.016E-05	-	6.082E-06	
4-Operation of Landfill Cell 1A	L1A_WFS1B	B	AREA	810700.8	830959	15	0	-	-	-	3	3	36	-	-	4.			

WENTX Dust Emission Inventory for RSP and FSP assessment [Scenario 8] [1][2]

Dust Source	Source ID	Scenario [3]	Type	X	Y	Base Elevation	Release Height	Exit Temperature	Exit Velocity	Internal Diameter	X-dim	Y-dim	Angle	Sz	Emission Rate			Operation Hour per Day
				[m]	[m]	[mPD]	[m]	[K]	[m/s]	[m]	[m]	[m]	[°]	[m]	[g/s]	[g/m ² /s]	[g/s]	[g/m ² /s]
4-Operation of Landfill Cell 1B	L1B_CHR_A1	A	AREA	810355.5	830741	15	2.55	-	-	-	60	27	45	2.372	-	5.143E-07	-	5.143E-08
4-Operation of Landfill Cell 1B	L1B_CHR_A2	A	AREA	810397.2	830697.8	15	2.55	-	-	-	60	27	45	2.372	-	5.143E-07	-	5.143E-08
4-Operation of Landfill Cell 1B	L1B_CHR_B1	B	AREA	810355.5	830741	15	2.55	-	-	-	60	27	45	2.372	-	5.143E-07	-	5.143E-08
4-Operation of Landfill Cell 1B	L1B_CHR_B2	B	AREA	810397.2	830697.8	15	2.55	-	-	-	60	27	45	2.372	-	5.143E-07	-	5.143E-08
4-Operation of Landfill Cell 1B	L1B_CHR_C1	C	AREA	810253.6	830846.5	15	35	-	-	-	60	27	45	2.372	-	5.143E-07	-	5.143E-08
4-Operation of Landfill Cell 1B	L1B_CHR_C2	C	AREA	810295.3	830803.3	15	35	-	-	-	60	27	45	2.372	-	5.143E-07	-	5.143E-08
4-Operation of Landfill Cell 1B	L1B_CHR_D1	D	AREA	810239.3	830810	25	30	-	-	-	27	60	25	2.372	-	5.143E-07	-	5.143E-08
4-Operation of Landfill Cell 1B	L1B_CHR_D2	D	AREA	810213.1	830756	25	30	-	-	-	27	60	25	2.372	-	5.143E-07	-	5.143E-08
4-Operation of Landfill Cell 1B	L1B_CHR_E1	E	AREA	810079.9	830637.9	15	55	-	-	-	60	27	44	2.372	-	5.143E-07	-	5.143E-08
4-Operation of Landfill Cell 1B	L1B_CHR_E2	E	AREA	810122.7	830595.8	15	55	-	-	-	60	27	44	2.372	-	5.143E-07	-	5.143E-08
4-Operation of Landfill Cell 1B	L1B_CHR_F1	F	AREA	810180.3	830539	15	2.55	-	-	-	60	27	44	2.372	-	5.143E-07	-	5.143E-08
4-Operation of Landfill Cell 1B	L1B_CHR_F2	F	AREA	810223.1	830496.9	15	2.55	-	-	-	60	27	44	2.372	-	5.143E-07	-	5.143E-08
4-Operation of Landfill Cell 1B	L1B_CHC_A1	A	AREA	810355.5	830741	15	2.55	-	-	-	60	27	45	2.372	-	5.252E-07	-	5.252E-08
4-Operation of Landfill Cell 1B	L1B_CHC_A2	A	AREA	810397.2	830697.8	15	2.55	-	-	-	60	27	45	2.372	-	5.252E-07	-	5.252E-08
4-Operation of Landfill Cell 1B	L1B_CHC_B1	B	AREA	810355.5	830741	15	2.55	-	-	-	60	27	45	2.372	-	5.252E-07	-	5.252E-08
4-Operation of Landfill Cell 1B	L1B_CHC_B2	B	AREA	810397.2	830697.8	15	2.55	-	-	-	60	27	45	2.372	-	5.252E-07	-	5.252E-08
4-Operation of Landfill Cell 1B	L1B_CHC_C1	C	AREA	810253.6	830846.5	15	35	-	-	-	60	27	45	2.372	-	5.252E-07	-	5.252E-08
4-Operation of Landfill Cell 1B	L1B_CHC_C2	C	AREA	810295.3	830803.3	15	35	-	-	-	60	27	45	2.372	-	5.252E-07	-	5.252E-08
4-Operation of Landfill Cell 1B	L1B_CHC_D1	D	AREA	810239.3	830810	25	30	-	-	-	27	60	25	2.372	-	5.252E-07	-	5.252E-08
4-Operation of Landfill Cell 1B	L1B_CHC_D2	D	AREA	810213.1	830756	25	30	-	-	-	27	60	25	2.372	-	5.252E-07	-	5.252E-08
4-Operation of Landfill Cell 1B	L1B_CHC_E1	E	AREA	810079.9	830637.9	15	55	-	-	-	60	27	44	2.372	-	5.252E-07	-	5.252E-08
4-Operation of Landfill Cell 1B	L1B_CHC_E2	E	AREA	810122.7	830595.8	15	55	-	-	-	60	27	44	2.372	-	5.252E-07	-	5.252E-08
4-Operation of Landfill Cell 1B	L1B_CHC_F1	F	AREA	810180.3	830539	15	2.55	-	-	-	60	27	44	2.372	-	5.252E-07	-	5.252E-08
4-Operation of Landfill Cell 1B	L1B_CHC_F2	F	AREA	810223.1	830496.9	15	2.55	-	-	-	60	27	44	2.372	-	5.252E-07	-	5.252E-08
4-Operation of Landfill Cell 1B	L1B_WFM_A1	A	AREA	810374.9	830759.8	15	0	-	-	-	60	3	45	-	-	5.95E-06	-	8.483E-07
4-Operation of Landfill Cell 1B	L1B_WFM_A2	A	AREA	810416.6	830716.6	15	0	-	-	-	60	3	45	-	-	5.95E-06	-	8.483E-07
4-Operation of Landfill Cell 1B	L1B_WFM_B1	B	AREA	810374.9	830759.8	15	0	-	-	-	60	3	45	-	-	5.95E-06	-	8.483E-07
4-Operation of Landfill Cell 1B	L1B_WFM_B2	B	AREA	810416.6	830716.6	15	0	-	-	-	60	3	45	-	-	5.95E-06	-	8.483E-07
4-Operation of Landfill Cell 1B	L1B_WFM_C1	C	AREA	810273	830865.2	15	35	-	-	-	60	3	45	-	-	5.95E-06	-	8.483E-07
4-Operation of Landfill Cell 1B	L1B_WFM_D1	D	AREA	810236.6	830811.3	25	30	-	-	-	3	60	25	-	-	5.95E-06	-	8.483E-07
4-Operation of Landfill Cell 1B	L1B_WFM_D2	D	AREA	810210.4	830267.4	25	30	-	-	-	3	60	25	-	-	5.95E-06	-	8.483E-07
4-Operation of Landfill Cell 1B	L1B_WFM_E1	E	AREA	810077.8	830635.8	15	55	-	-	-	60	3	44	-	-	5.95E-06	-	8.483E-07
4-Operation of Landfill Cell 1B	L1B_WFM_E2	E	AREA	810120.6	830593.7	15	55	-	-	-	60	3	44	-	-	5.95E-06	-	8.483E-07
4-Operation of Landfill Cell 1B	L1B_WFM_F1	F	AREA	810178.2	830536.9	15	0	-	-	-	60	3	44	-	-	5.95E-06	-	8.483E-07
4-Operation of Landfill Cell 1B	L1B_WFM_F2	F	AREA	810221	830494.8	15	0	-	-	-	60	3	44	-	-	5.95E-06	-	8.483E-07
4-Operation of Landfill Cell 1B	L1B_WFS1A	A	AREA	810456.2	830675.6	15	0	-	-	-	3	3	45	-	-	4.01E-05	-	6.082E-06
4-Operation of Landfill Cell 1B	L1B_WFS1B	B	AREA	810456.2	830675.6	15	0	-	-	-	3	3	45	-	-	4.01E-05	-	6.082E-06
4-Operation of Landfill Cell 1B	L1B_WFS1C	C	AREA	810454.1	830677.7	15	0	-	-	-	3	3	45	-	-	4.01E-05	-	6.082E-06
4-Operation of Landfill Cell 1B	L1B_WFS1D	D	AREA	810275.1	830863.1	15	35	-	-	-	3	3	45	-	-	4.01E-05	-	6.082E-06
4-Operation of Landfill Cell 1B	L1B_WFS1E	E	AREA	810261.6	830862.6	25	30	-	-	-	3	3	25	-	-	4.01E-05	-	6.082E-06
4-Operation of Landfill Cell 1B	L1B_WFS1F	F	AREA	810260.3	830859.9	25	30	-	-	-	3	3	25	-	-	4.01E-05	-	6.082E-06
4-Operation of Landfill Cell 1B	L1B_WFS1G	G	AREA	810077.8	830635.8	15	55	-	-	-	3	3	44	-	-	4.01E-05	-	6.082E-06
4-Operation of Landfill Cell 1B	L1B_WFS1H	H	AREA	810080	830633.7	15	55	-	-	-	3	3	44	-	-	4.01E-05	-	6.082E-06
4-Operation of Landfill Cell 1B	L1B_WFS1I	I	AREA	810261.6	830454.8	15	0	-	-	-	3	3	44	-	-	4.01E-05	-	6.082E-06
4-Operation of Landfill Cell 1B	L1B_WFS1J	J	AREA	810259.5	830456.9	15	0	-	-	-	3	3	44	-	-	4.01E-05	-	6.082E-06
4-Operation of Landfill Cell 1C	L1C_CWE_A1	A	AREA	810158.4	830514.2	15	0	-	-	-	60	27	44	-	-	1.275E-06	-	1.941E-07
4-Operation of Landfill Cell 1C	L1C_CWE_A2	A	AREA	810201.2	830472.1	15	0	-	-	-	60	27	44	-	-	1.275E-06	-	1.941E-07
4-Operation of Landfill Cell 1C	L1C_CWE_B1	B	AREA	810158.5	830514.2	15	0	-	-	-	60	27	44	-	-	1.275E-06	-	1.941E-07
4-Operation of Landfill Cell 1C	L1C_CWE_B2	B	AREA	810201.2	830472.1	15	0	-	-	-	60	27	44	-	-	1.275E-06	-	1.941E-07
4-Operation of Landfill Cell 1C	L1C_CWE_C1	C	AREA	810054	830617.2	15	55	-	-	-	60	27	44	-	-	1.275E-06	-	1.941E-07
4-Operation of Landfill Cell 1C	L1C_CWE_C2	C	AREA	810096.7	830575.1	15	55	-	-	-	60	27	44	-	-	1.275E-06	-	1.941E-07
4-Operation of Landfill Cell 1C	L1C_CWE_D1	D	AREA	810026.6	830599.3	25	45	-	-	-	27	60	52	-	-	1.275E-06	-	1.941E-07
4-Operation of Landfill Cell 1C	L1C_CWE_D2	D	AREA	809982.3	830562.3	25	45	-	-	-	27	60	52	-	-	1.275E-06	-	1.941E-07
4-Operation of Landfill Cell 1C	L1C_CWE_E1	E	AREA	809696.5	830339.5	100	0	-	-	-	60	27	44	-	-	1.275E-06	-	1.941E-07
4-Operation of Landfill Cell 1C	L1C_CWE_E2	E	AREA	809739	830297.1	100	0	-	-	-	60	27	44	-	-	1.275E-06	-	1.941E-07
4-Operation of Landfill Cell 1C	L1C_CWE_F1	F	AREA	809846.9	830159.8	170	0	-	-	-	60	27	55	-	-	1.275E-06	-	1.941E-07
4-Operation of Landfill Cell 1C	L1C_CWE_F2	F	AREA	809881.2	830109.2	170	2.55	-	-	-	60	27	55	-	-	1.275E-06	-	1.941E-07
4-Operation of Landfill Cell 1C	L1C_CWE_G1	G	AREA	809739	830297.1	100	2.55	-	-	-	60	27	53	-	-	1.275E-06	-	1.941E-07
4-Operation of Landfill Cell 1C	L1C_CWE_H1	H	AREA	809846.9	830159.8	170	2.55	-	-	-	60	27	53	-	-	1.275E-06	-	1.941E-07
4-Operation of Landfill Cell 1C	L1C_CWE_I1	I	AREA	809881.2	830109.2	170	2.55	-	-	-	60	27	53	-	-	1.275E-06	-	1.941E-07
4-Operation of Landfill Cell 1C	L1C_CWE_J1	J	AREA	809881.2	830109.2	170	2.55	-	-	-	60	27	53	-	-	1.275E-06	-	1.941E-07
4-Operation of Landfill Cell 1C	L1C_CHE_A1	A	AREA	810158.5	830514.2	15	2.55	-	-	-	60	27	44	-	-	5.252E-07	-	5.143E-08
4-Operation of Landfill Cell 1C	L1C_CHE_A2	A	AREA	810201.2	830472.1	15	2.55	-	-	-	60	27	44	-	-	5.252E-07	-	5.143E-08
4-Operation of Landfill Cell 1C	L1C_CHE_B1	B	AREA	810158.5	830514.2	15	2.55	-	-	-	60	27</						

WENTX Dust Emission Inventory for RSP and FSP assessment [Scenario 8] [1][2]

Dust Source	Source ID	Scenario [3]	Type	X	Y	Base Elevation	Release Height	Exit Temperature	Exit Velocity	Internal Diameter	X-dim	Y-dim	Angle	Sz	Emission Rate			Operation Hour per Day	
				[m]	[m]	[mPD]	[m]	[K]	[m/s]	[m]	[m]	[m]	[°]	[m]	[g/s]	[g/m ² /s]	[g/s]	[g/m ² /s]	
4-Operation of Landfill Cell 1C	L1C_WFM_A1	A	AREA	810177.4	830533.5	15	0	-	-	-	60	3	44	-	-	5.595E-06	-	8.483E-07	
4-Operation of Landfill Cell 1C	L1C_WFM_A2	A	AREA	810220.2	830491.4	15	0	-	-	-	60	3	44	-	-	5.595E-06	-	8.483E-07	
4-Operation of Landfill Cell 1C	L1C_WFM_B1	B	AREA	810177.4	830533.5	15	0	-	-	-	60	3	44	-	-	5.595E-06	-	8.483E-07	
4-Operation of Landfill Cell 1C	L1C_WFM_B2	B	AREA	810220.2	830491.4	15	0	-	-	-	60	3	44	-	-	5.595E-06	-	8.483E-07	
4-Operation of Landfill Cell 1C	L1C_WFM_C1	C	AREA	810072.9	830636.4	15	55	-	-	-	60	3	44	-	-	5.595E-06	-	8.483E-07	
4-Operation of Landfill Cell 1C	L1C_WFM_C2	C	AREA	810115.6	830594.3	15	55	-	-	-	60	3	44	-	-	5.595E-06	-	8.483E-07	
4-Operation of Landfill Cell 1C	L1C_WFM_D1	D	AREA	810027.7	830601.6	25	45	-	-	-	3	60	52	-	-	5.595E-06	-	8.483E-07	
4-Operation of Landfill Cell 1C	L1C_WFM_D2	D	AREA	809890.4	830564.7	25	45	-	-	-	3	60	52	-	-	5.595E-06	-	8.483E-07	
4-Operation of Landfill Cell 1C	L1C_WFM_E1	E	AREA	809694.4	830337.4	100	0	-	-	-	60	3	44	-	-	5.595E-06	-	8.483E-07	
4-Operation of Landfill Cell 1C	L1C_WFM_E2	E	AREA	809736.8	830295	100	0	-	-	-	60	3	44	-	-	5.595E-06	-	8.483E-07	
4-Operation of Landfill Cell 1C	L1C_WFM_F1	F	AREA	809844.4	830158.1	170	0	-	-	-	60	3	55	-	-	5.595E-06	-	8.483E-07	
4-Operation of Landfill Cell 1C	L1C_WFM_F2	F	AREA	809878.8	830107.4	170	0	-	-	-	60	3	53	-	-	5.595E-06	-	8.483E-07	
4-Operation of Landfill Cell 1C	L1C_WFS1	A	AREA	810260.8	830451.4	15	0	-	-	-	3	3	44	-	-	4.016E-05	-	6.082E-06	
4-Operation of Landfill Cell 1C	L1C_WFS2	A	AREA	810258.7	830453.5	15	0	-	-	-	3	3	44	-	-	4.016E-05	-	6.082E-06	
4-Operation of Landfill Cell 1C	L1C_WFS1	B	AREA	810260.8	830451.4	15	0	-	-	-	3	3	44	-	-	4.016E-05	-	6.082E-06	
4-Operation of Landfill Cell 1C	L1C_WFS2	B	AREA	810258.7	830453.5	15	0	-	-	-	3	3	44	-	-	4.016E-05	-	6.082E-06	
4-Operation of Landfill Cell 1C	L1C_WFS1	C	AREA	810072.9	830636.4	15	55	-	-	-	3	3	44	-	-	4.016E-05	-	6.082E-06	
4-Operation of Landfill Cell 1C	L1C_WFS2	C	AREA	810075	830634.3	15	55	-	-	-	3	3	44	-	-	4.016E-05	-	6.082E-06	
4-Operation of Landfill Cell 1C	L1C_WFS1	D	AREA	810072.6	830636.7	25	45	-	-	-	3	3	52	-	-	4.016E-05	-	6.082E-06	
4-Operation of Landfill Cell 1C	L1C_WFS2	D	AREA	810070.3	830634.9	25	45	-	-	-	3	3	52	-	-	4.016E-05	-	6.082E-06	
4-Operation of Landfill Cell 1C	L1C_WFE1	E	AREA	809694.4	830337.4	100	0	-	-	-	3	3	44	-	-	4.016E-05	-	6.082E-06	
4-Operation of Landfill Cell 1C	L1C_WFE2	E	AREA	809695.6	830335.2	100	0	-	-	-	3	3	44	-	-	4.016E-05	-	6.082E-06	
4-Operation of Landfill Cell 1C	L1C_WFS1	F	AREA	809912.8	830061.6	170	0	-	-	-	3	3	53	-	-	4.016E-05	-	6.082E-06	
4-Operation of Landfill Cell 1C	L1C_WFS2	F	AREA	809911	830064	170	0	-	-	-	3	3	53	-	-	4.016E-05	-	6.082E-06	
4-Operation of Landfill Cell 2	L2_CWE_A1	A	AREA	810709.4	830892.7	15	0	-	-	-	60	27	60	-	-	1.275E-06	-	1.941E-07	
4-Operation of Landfill Cell 2	L2_CWE_A2	A	AREA	810666.4	830908	15	0	-	-	-	27	60	67	-	-	1.275E-06	-	1.941E-07	
4-Operation of Landfill Cell 2	L2_CWE_B1	B	AREA	810666	830934.2	15	0	-	-	-	60	27	60	-	-	1.275E-06	-	1.941E-07	
4-Operation of Landfill Cell 2	L2_CWE_B2	B	AREA	810706	830830.1	15	0	-	-	-	27	60	18	-	-	1.275E-06	-	1.941E-07	
4-Operation of Landfill Cell 2	L2_CWE_C1	C	AREA	810662.7	830903	15	0	-	-	-	27	60	41	-	-	1.275E-06	-	1.941E-07	
4-Operation of Landfill Cell 2	L2_CWE_C2	C	AREA	810623.3	830857.7	15	0	-	-	-	27	60	41	-	-	1.275E-06	-	1.941E-07	
4-Operation of Landfill Cell 2	L2_CWE_D1	D	AREA	810482.5	830696.2	15	0	-	-	-	27	60	41	-	-	1.275E-06	-	1.941E-07	
4-Operation of Landfill Cell 2	L2_CWE_E1	E	AREA	809960.2	830097.2	100	0	-	-	-	27	60	41	-	-	1.275E-06	-	1.941E-07	
4-Operation of Landfill Cell 2	L2_CWE_E2	E	AREA	809920.7	830052	100	0	-	-	-	27	60	41	-	-	1.275E-06	-	1.941E-07	
4-Operation of Landfill Cell 2	L2_CWE_F1	F	AREA	809928.2	830048.8	175	0	-	-	-	60	27	43	-	-	1.275E-06	-	1.941E-07	
4-Operation of Landfill Cell 2	L2_CWE_F2	F	AREA	809981.1	830029.7	175	0	-	-	-	27	60	48	-	-	1.275E-06	-	1.941E-07	
4-Operation of Landfill Cell 2	L2_CHR_A1	A	AREA	810709.4	830892.7	15	255	-	-	-	60	27	60	2.372	-	5.143E-07	-	5.143E-08	
4-Operation of Landfill Cell 2	L2_CHR_A2	A	AREA	810666.4	830908	15	255	-	-	-	27	60	67	2.372	-	5.143E-07	-	5.143E-08	
4-Operation of Landfill Cell 2	L2_CHR_B1	B	AREA	810666	830934.2	15	255	-	-	-	60	27	60	2.372	-	5.143E-07	-	5.143E-08	
4-Operation of Landfill Cell 2	L2_CHR_B2	B	AREA	810706	830830.1	15	255	-	-	-	27	60	18	2.372	-	5.143E-07	-	5.143E-08	
4-Operation of Landfill Cell 2	L2_CHR_C1	C	AREA	810662.7	830903	15	255	-	-	-	27	60	41	2.372	-	5.143E-07	-	5.143E-08	
4-Operation of Landfill Cell 2	L2_CHR_C2	C	AREA	810623.3	830857.7	15	255	-	-	-	27	60	41	2.372	-	5.143E-07	-	5.143E-08	
4-Operation of Landfill Cell 2	L2_CHR_D1	D	AREA	810482.5	83096.2	15	255	-	-	-	27	60	41	2.372	-	5.143E-07	-	5.143E-08	
4-Operation of Landfill Cell 2	L2_CHR_D2	D	AREA	810443.1	830651	15	255	-	-	-	27	60	41	2.372	-	5.143E-07	-	5.143E-08	
4-Operation of Landfill Cell 2	L2_CHR_E1	E	AREA	809960.2	830097.2	100	255	-	-	-	27	60	41	2.372	-	5.143E-07	-	5.143E-08	
4-Operation of Landfill Cell 2	L2_CHR_E2	E	AREA	809920.7	830052	100	255	-	-	-	27	60	41	2.372	-	5.143E-07	-	5.143E-08	
4-Operation of Landfill Cell 2	L2_CHR_F1	F	AREA	809981.1	830029.7	175	255	-	-	-	60	27	43	2.372	-	5.143E-07	-	5.143E-08	
4-Operation of Landfill Cell 2	L2_CHR_F2	F	AREA	809981.8	830029.7	175	255	-	-	-	27	60	48	2.372	-	5.143E-07	-	5.143E-08	
4-Operation of Landfill Cell 2	L2_CHC_A1	A	AREA	810709.4	830892.7	15	255	-	-	-	60	27	60	2.372	-	5.252E-07	-	5.252E-08	
4-Operation of Landfill Cell 2	L2_CHC_A2	A	AREA	810666.4	830908	15	255	-	-	-	27	60	67	2.372	-	5.252E-07	-	5.252E-08	
4-Operation of Landfill Cell 2	L2_CHC_B1	B	AREA	810666	830934.2	15	255	-	-	-	60	27	60	2.372	-	5.252E-07	-	5.252E-08	
4-Operation of Landfill Cell 2	L2_CHC_B2	B	AREA	810706	830830.1	15	255	-	-	-	27	60	18	2.372	-	5.252E-07	-	5.252E-08	
4-Operation of Landfill Cell 2	L2_CHC_C1	C	AREA	810662.7	830903	15	255	-	-	-	27	60	41	2.372	-	5.252E-07	-	5.252E-08	
4-Operation of Landfill Cell 2	L2_CHC_C2	C	AREA	810623.3	830857.7	15	255	-	-	-	27	60	41	2.372	-	5.252E-07	-	5.252E-08	
4-Operation of Landfill Cell 2	L2_CHC_D1	D	AREA	810482.5	830696.2	15	255	-	-	-	27	60	41	2.372	-	5.252E-07	-	5.252E-08	
4-Operation of Landfill Cell 2	L2_CHC_E1	E	AREA	809906.2	830097.2	100	255	-	-	-	27	60	41	2.372	-	5.252E-07	-	5.252E-08	
4-Operation of Landfill Cell 2	L2_CHC_E2	E	AREA	809920.7	830052	100	255	-	-	-	27	60	41	2.372	-	5.252E-07	-	5.252E-08	
4-Operation of Landfill Cell 2	L2_CHC_F1	F	AREA	809981.1	830029.7	175	255	-	-	-	60	27	43	2.372	-	5.252E-07	-	5.252E-08	
4-Operation of Landfill Cell 2	L2_CHC_F2	F	AREA	809981.8	830029.7	175	255	-	-	-	27	60	48	2.372	-	5.252E-07	-	5.252E-08	
4-Operation of Landfill Cell 2	L2_WFM_A1	B	AREA	810709.5	830947.4	15	0	-	-	-	60	3	60	-	-	5.595E-06	-	8.483E-07	
4-Operation of Landfill Cell 2	L2_WFM_B1	B	AREA	810731.6	830821.7	15	0	-	-	-	3	60	18	-	-	5.595E-06	-	8.483E-07	
4-Operation of Landfill Cell 2	L2_WFM_C1	C	AREA	810660.5	830904.9	15	0	-	-	-	3	60	41	-	-	5.595E-06	-	8.483E-07	
4-Operation of Landfill Cell 2	L2_WFM_C2	C	AREA	810621.1	830859.7	15	0	-	-	-	3	60	41	-	-	5.595E-06	-	8.483E-07	
4-Operation of Landfill Cell 2	L2_WFM_D1	D	AREA	810480.3	830698.2	15	0	-	-	-	3	60	41	-	-	5.5			

WENTX Dust Emission Inventory for RSP and FSP assessment [Scenario 8] [1][2]

Dust Source	Source ID	Scenario [3]	Type	X	Y	Base Elevation	Release Height	Exit Temperature	Exit Velocity	Internal Diameter	X-dim	Y-dim	Angle	Sz	Emission Rate			Operation Hour per Day	
				[m]	[m]	[mPD]	[m]	[K]	[m/s]	[m]	[m]	[m]	[°]	[m]	[g/s]	[g/m ² /s]	[g/s]	[g/m ² /s]	
4-Operation of Landfill Cell 3	L3_CWE_A1	A	AREA	810762.3	830796.2		15	0	-	-	60	27	62	-	-	1.275E-06	-	1.941E-07	
4-Operation of Landfill Cell 3	L3_CWE_A2	A	AREA	810722.6	830802.7		15	0	-	-	27	60	57	-	-	1.275E-06	-	1.941E-07	
4-Operation of Landfill Cell 3	L3_CWE_B1	B	AREA	810755.4	830731.4		15	0	-	-	27	60	27	-	-	1.275E-06	-	1.941E-07	
4-Operation of Landfill Cell 3	L3_CWE_B2	B	AREA	810743.8	830831.2		15	0	-	-	60	27	62	-	-	1.275E-06	-	1.941E-07	
4-Operation of Landfill Cell 3	L3_CWE_C1	C	AREA	810720.1	830799.7		15	0	-	-	27	60	41	-	-	1.275E-06	-	1.941E-07	
4-Operation of Landfill Cell 3	L3_CWE_C2	C	AREA	810680.5	830754.7		15	0	-	-	27	60	41	-	-	1.275E-06	-	1.941E-07	
4-Operation of Landfill Cell 3	L3_CWE_D1	D	AREA	810565.5	830624.2		15	0	-	-	27	60	41	-	-	1.275E-06	-	1.941E-07	
4-Operation of Landfill Cell 3	L3_CWE_D2	D	AREA	810525.9	830579.1		15	0	-	-	27	60	41	-	-	1.275E-06	-	1.941E-07	
4-Operation of Landfill Cell 3	L3_CWE_E1	E	AREA	810077.8	830070.4		175	0	-	-	27	60	41	-	-	1.275E-06	-	1.941E-07	
4-Operation of Landfill Cell 3	L3_CWE_E2	E	AREA	810038.2	830025.4		175	0	-	-	27	60	41	-	-	1.275E-06	-	1.941E-07	
4-Operation of Landfill Cell 3	L3_CWE_F1	F	AREA	810044.1	830037		200	2.55	-	-	27	60	89	-	-	1.275E-06	-	1.941E-07	
4-Operation of Landfill Cell 3	L3_CWE_F2	F	AREA	810104	830045.6		200	2.55	-	-	27	60	89	-	-	1.275E-06	-	1.941E-07	
4-Operation of Landfill Cell 3	L3_CHR_A1	A	AREA	810762.3	830796.2		15	2.55	-	-	60	27	62	2.372	-	5.143E-08			
4-Operation of Landfill Cell 3	L3_CHR_A2	A	AREA	810722.6	830802.7		15	2.55	-	-	27	60	57	2.372	-	5.143E-08			
4-Operation of Landfill Cell 3	L3_CHR_B1	B	AREA	810755.4	830731.4		15	2.55	-	-	27	60	27	2.372	-	5.143E-08			
4-Operation of Landfill Cell 3	L3_CHR_B2	B	AREA	810743.8	830831.2		15	2.55	-	-	60	27	62	2.372	-	5.143E-08			
4-Operation of Landfill Cell 3	L3_CHR_C1	C	AREA	810720.1	830799.7		15	2.55	-	-	27	60	41	2.372	-	5.143E-08			
4-Operation of Landfill Cell 3	L3_CHR_C2	C	AREA	810680.5	830754.7		15	2.55	-	-	27	60	41	2.372	-	5.143E-08			
4-Operation of Landfill Cell 3	L3_CHR_D1	D	AREA	810565.5	830624.2		15	2.55	-	-	27	60	41	2.372	-	5.143E-08			
4-Operation of Landfill Cell 3	L3_CHR_D2	D	AREA	810525.9	830579.1		15	2.55	-	-	27	60	41	2.372	-	5.143E-08			
4-Operation of Landfill Cell 3	L3_CHR_E1	E	AREA	810077.8	830070.4		175	2.55	-	-	27	60	41	2.372	-	5.143E-08			
4-Operation of Landfill Cell 3	L3_CHR_E2	E	AREA	810038.2	830025.4		175	2.55	-	-	27	60	41	2.372	-	5.143E-08			
4-Operation of Landfill Cell 3	L3_CHR_F1	F	AREA	810044.1	830037		200	2.55	-	-	27	60	89	2.372	-	5.143E-08			
4-Operation of Landfill Cell 3	L3_CHR_F2	F	AREA	810104	830045.6		200	2.55	-	-	27	60	89	2.372	-	5.143E-08			
4-Operation of Landfill Cell 3	L3_CHC_A1	A	AREA	810762.3	830796.2		15	2.55	-	-	60	27	62	2.372	-	5.252E-08			
4-Operation of Landfill Cell 3	L3_CHC_A2	A	AREA	810722.6	830802.7		15	2.55	-	-	27	60	57	2.372	-	5.252E-08			
4-Operation of Landfill Cell 3	L3_CHC_B1	B	AREA	810755.4	830731.4		15	2.55	-	-	27	60	27	2.372	-	5.252E-08			
4-Operation of Landfill Cell 3	L3_CHC_B2	B	AREA	810743.8	830831.2		15	2.55	-	-	60	27	62	2.372	-	5.252E-08			
4-Operation of Landfill Cell 3	L3_CHC_C1	C	AREA	810720.1	830799.7		15	2.55	-	-	27	60	41	2.372	-	5.252E-08			
4-Operation of Landfill Cell 3	L3_CHC_C2	C	AREA	810680.5	830754.7		15	2.55	-	-	27	60	41	2.372	-	5.252E-08			
4-Operation of Landfill Cell 3	L3_CHC_D1	D	AREA	810565.5	830624.2		15	2.55	-	-	27	60	41	2.372	-	5.252E-08			
4-Operation of Landfill Cell 3	L3_CHC_D2	D	AREA	810525.9	830579.1		15	2.55	-	-	27	60	41	2.372	-	5.252E-08			
4-Operation of Landfill Cell 3	L3_CHC_E1	E	AREA	810077.8	830070.4		175	2.55	-	-	27	60	41	2.372	-	5.252E-08			
4-Operation of Landfill Cell 3	L3_CHC_E2	E	AREA	810038.2	830025.4		175	2.55	-	-	27	60	41	2.372	-	5.252E-08			
4-Operation of Landfill Cell 3	L3_CHC_F1	F	AREA	810044.1	830037		200	2.55	-	-	27	60	89	2.372	-	5.252E-08			
4-Operation of Landfill Cell 3	L3_CHC_F2	F	AREA	810104	830045.6		200	2.55	-	-	27	60	89	2.372	-	5.252E-08			
4-Operation of Landfill Cell 3	L3_WFM_A1	A	AREA	810762.3	830808.8		15	0	-	-	60	3	62	-	-	5.595E-06	-	8.438E-07	
4-Operation of Landfill Cell 3	L3_WFM_A2	A	AREA	810721	830805.3		15	0	-	-	3	60	57	-	-	5.595E-06	-	8.438E-07	
4-Operation of Landfill Cell 3	L3_WFM_B1	B	AREA	810779.3	830718.7		15	0	-	-	3	60	27	-	-	5.595E-06	-	8.438E-07	
4-Operation of Landfill Cell 3	L3_WFM_B2	B	AREA	810767.7	830843.8		15	0	-	-	60	3	62	-	-	5.595E-06	-	8.438E-07	
4-Operation of Landfill Cell 3	L3_WFM_C1	C	AREA	810717.9	830801.7		15	0	-	-	3	60	41	-	-	5.595E-06	-	8.438E-07	
4-Operation of Landfill Cell 3	L3_WFM_C2	C	AREA	810678.2	830756.7		15	0	-	-	3	60	41	-	-	5.595E-06	-	8.438E-07	
4-Operation of Landfill Cell 3	L3_WFM_D1	D	AREA	810563.3	830626.2		15	0	-	-	3	60	41	-	-	5.595E-06	-	8.438E-07	
4-Operation of Landfill Cell 3	L3_WFM_D2	D	AREA	810523.6	830581.1		15	0	-	-	3	60	41	-	-	5.595E-06	-	8.438E-07	
4-Operation of Landfill Cell 3	L3_WFM_E1	E	AREA	810075.6	830072.4		175	0	-	-	3	60	41	-	-	5.595E-06	-	8.438E-07	
4-Operation of Landfill Cell 3	L3_WFM_E2	E	AREA	810035.9	830027.4		175	0	-	-	3	60	41	-	-	5.595E-06	-	8.438E-07	
4-Operation of Landfill Cell 3	L3_WFM_F1	F	AREA	810044.4	830010.0		200	0	-	-	3	60	89	-	-	5.595E-06	-	8.438E-07	
4-Operation of Landfill Cell 3	L3_WFM_F2	F	AREA	810104.3	830018.6		200	0	-	-	3	60	89	-	-	5.595E-06	-	8.438E-07	
4-Operation of Landfill Cell 3	L3_WFS1	A	AREA	810812.9	830758.5		15	0	-	-	3	60	41	-	-	4.016E-05	-	6.082E-06	
4-Operation of Landfill Cell 3	L3_WFS2	A	AREA	810811.5	830761.1		15	0	-	-	3	60	41	-	-	4.016E-05	-	6.082E-06	
4-Operation of Landfill Cell 3	L3_WFSB1	B	AREA	810767.7	830843.8		15	0	-	-	3	60	41	-	-	4.016E-05	-	6.082E-06	
4-Operation of Landfill Cell 3	L3_WFSB2	B	AREA	810769.1	830841.2		15	0	-	-	3	60	41	-	-	4.016E-05	-	6.082E-06	
4-Operation of Landfill Cell 3	L3_WFS1C1	C	AREA	810753.6	830844.5		15	0	-	-	3	60	41	-	-	4.016E-05	-	6.082E-06	
4-Operation of Landfill Cell 3	L3_WFS2C1	C	AREA	810753.6	830842.2		15	0	-	-	3	60	41	-	-	4.016E-05	-	6.082E-06	
4-Operation of Landfill Cell 3	L3_WFS1D1	D	AREA	810561.3	830623.9		15	0	-	-	3	60	41	-	-	4.016E-05	-	6.082E-06	
4-Operation of Landfill Cell 3	L3_WFS2D1	D	AREA	810563.3	830626.2		15	0	-	-	3	60	41	-	-	4.016E-05	-	6.082E-06	
4-Operation of Landfill Cell 3	L3_WFS1E1	E	AREA	810035.9	830027.4		175	0	-	-	3	60	41	-	-	4.016E-05	-	6.082E-06	
4-Operation of Landfill Cell 3	L3_WFS2E1	E	AREA	810037.9	830029.6		175	0	-	-	3	60	41	-	-	4.016E-05	-	6.082E-06	
4-Operation of Landfill Cell 3	L3_WFSF1	F	AREA	810044.4	830010.0		200	0	-	-	3	60	89	-	-	4.016E-05	-	6.082E-06	
4-Operation of Landfill Cell 3	L3_WFSF2	F	AREA	810047.4	830010.1		200	0	-	-	3	60	89	-	-	4.016E-05	-	6.082E-06	
4-Operation of Landfill Cell 4	L4_CWE_A1	A	AREA	810852.6	830712.4		15	0	-	-	60	27	19	-	-	1.275E-06	-	1.941E-07	
4-Operation of Landfill Cell 4	L4_CWE_A2	A	AREA	810789.5	830721.9		15	0	-	-	27	60	67	-	-	1.275E-06	-	1.941E-07	
4-Operation of Landfill Cell 4	L4_CWE_C1	C	AREA	810778.8	830710		15	0	-	-	27	60	41	-	-	1.275E-06	-	1.941E-07	
4-Operation of Landfill Cell 4	L4_CWE_C2	C	AREA	810740.3	830664.8		15	0	-	-	27	60	41	-	-	1.275E-06	-	1.941E-07	
4-Operation of Landfill Cell 4	L4_CWE_D1	D	AREA	810644.8	830555.4		15	0	-	-	27								

WENTX Dust Emission Inventory for RSP and FSP assessment [Scenario 8] [1][2]

Dust Source	Source ID	Scenario [3]	Type	X	Y	Base Elevation	Release Height	Exit Temperature	Exit Velocity	Internal Diameter	X-dim	Y-dim	Angle	Sz	Emission Rate			Operation Hour per Day
				[m]	[m]	[mPD]	[m]	[K]	[m/s]	[m]	[m]	[m]	[°]	[m]	[g/s]	[g/m ² /s]	[g/s]	[g/m ² /s]
4-Operation of Landfill Cell 4	L4_CHC_A1	A	AREA	810852.6	830712.4	15	2.55	-	-	-	60	27	19	2.372	-	5.252E-07	-	5.252E-08
4-Operation of Landfill Cell 4	L4_CHC_A2	A	AREA	810789.5	830721.9	15	2.55	-	-	-	27	60	67	2.372	-	5.252E-07	-	5.252E-08
4-Operation of Landfill Cell 4	L4_CHC_B1	B	AREA	810852.6	830712.4	15	2.55	-	-	-	60	27	19	2.372	-	5.252E-07	-	5.252E-08
4-Operation of Landfill Cell 4	L4_CHC_B2	B	AREA	810789.5	830721.9	15	2.55	-	-	-	27	60	67	2.372	-	5.252E-07	-	5.252E-08
4-Operation of Landfill Cell 4	L4_CHC_C1	C	AREA	810779.8	830710	15	2.55	-	-	-	27	60	41	2.372	-	5.252E-07	-	5.252E-08
4-Operation of Landfill Cell 4	L4_CHC_C2	C	AREA	810740.3	830664.8	15	2.55	-	-	-	27	60	41	2.372	-	5.252E-07	-	5.252E-08
4-Operation of Landfill Cell 4	L4_CHC_D1	D	AREA	810644.8	830555.4	15	2.55	-	-	-	27	60	41	2.372	-	5.252E-07	-	5.252E-08
4-Operation of Landfill Cell 4	L4_CHC_D2	D	AREA	810605.4	830510.2	15	2.55	-	-	-	27	60	41	2.372	-	5.252E-07	-	5.252E-08
4-Operation of Landfill Cell 4	L4_CHC_E1	E	AREA	810209.6	830056.5	175	2.55	-	-	-	27	60	40	2.372	-	5.252E-07	-	5.252E-08
4-Operation of Landfill Cell 4	L4_CHC_E2	E	AREA	810170.3	830011.2	175	2.55	-	-	-	27	60	40	2.372	-	5.252E-07	-	5.252E-08
4-Operation of Landfill Cell 4	L4_CHC_F1	F	AREA	810175.2	830021.7	225	2.55	-	-	-	60	27	41	2.372	-	5.252E-07	-	5.252E-08
4-Operation of Landfill Cell 4	L4_CHC_F2	F	AREA	810236.5	830006	225	2.55	-	-	-	27	60	63	2.372	-	5.252E-07	-	5.252E-08
4-Operation of Landfill Cell 4	L4_WFM_A1	A	AREA	810861.6	830737.8	15	0	-	-	-	60	3	19	-	-	5.595E-06	-	8.483E-07
4-Operation of Landfill Cell 4	L4_WFM_A2	A	AREA	810788.3	830724.7	15	0	-	-	-	3	60	67	-	-	5.595E-06	-	8.483E-07
4-Operation of Landfill Cell 4	L4_WFM_B1	B	AREA	810861.6	830737.8	15	0	-	-	-	60	3	19	-	-	5.595E-06	-	8.483E-07
4-Operation of Landfill Cell 4	L4_WFM_B2	B	AREA	810788.3	830724.7	15	0	-	-	-	3	60	67	-	-	5.595E-06	-	8.483E-07
4-Operation of Landfill Cell 4	L4_WFM_C1	C	AREA	810777.5	830712	15	0	-	-	-	3	60	41	-	-	5.595E-06	-	8.483E-07
4-Operation of Landfill Cell 4	L4_WFM_C2	C	AREA	810738	830666.8	15	0	-	-	-	3	60	41	-	-	5.595E-06	-	8.483E-07
4-Operation of Landfill Cell 4	L4_WFM_D1	D	AREA	810642.6	830557.4	15	0	-	-	-	3	60	41	-	-	5.595E-06	-	8.483E-07
4-Operation of Landfill Cell 4	L4_WFM_D2	D	AREA	810603.1	830512.1	15	0	-	-	-	3	60	41	-	-	5.595E-06	-	8.483E-07
4-Operation of Landfill Cell 4	L4_WFM_E1	E	AREA	810207.3	830058.5	175	0	-	-	-	3	60	40	-	-	5.595E-06	-	8.483E-07
4-Operation of Landfill Cell 4	L4_WFM_E2	E	AREA	810168	830013.2	175	0	-	-	-	3	60	40	-	-	5.595E-06	-	8.483E-07
4-Operation of Landfill Cell 4	L4_WFM_F1	F	AREA	810173.2	830019.4	225	0	-	-	-	60	3	41	-	-	5.595E-06	-	8.483E-07
4-Operation of Landfill Cell 4	L4_WFM_F2	F	AREA	810248.6	829981.9	225	0	-	-	-	3	60	63	-	-	5.595E-06	-	8.483E-07
4-Operation of Landfill Cell 4	L4_WFS1A1	A	AREA	810915.3	830718.6	15	0	-	-	-	3	3	19	-	-	4.016E-05	-	6.092E-06
4-Operation of Landfill Cell 4	L4_WFS1A2	A	AREA	810912.5	830719.6	15	0	-	-	-	3	3	19	-	-	4.016E-05	-	6.092E-06
4-Operation of Landfill Cell 4	L4_WFS1B1	B	AREA	810915.3	830718.6	15	0	-	-	-	3	3	19	-	-	4.016E-05	-	6.092E-06
4-Operation of Landfill Cell 4	L4_WFS2B	B	AREA	810912.5	830719.6	15	0	-	-	-	3	3	19	-	-	4.016E-05	-	6.092E-06
4-Operation of Landfill Cell 4	L4_WFS1C1	C	AREA	810815	830755	15	0	-	-	-	3	3	41	-	-	4.016E-05	-	6.092E-06
4-Operation of Landfill Cell 4	L4_WFS2C	C	AREA	810813	830752.7	15	0	-	-	-	3	3	41	-	-	4.016E-05	-	6.092E-06
4-Operation of Landfill Cell 4	L4_WFS1D1	D	AREA	810640.6	830555.1	15	0	-	-	-	3	3	41	-	-	4.016E-05	-	6.092E-06
4-Operation of Landfill Cell 4	L4_WFS2D	D	AREA	810640.6	830557.4	15	0	-	-	-	3	3	41	-	-	4.016E-05	-	6.092E-06
4-Operation of Landfill Cell 4	L4_WFE1	E	AREA	810168	830013.2	175	0	-	-	-	3	3	40	-	-	4.016E-05	-	6.092E-06
4-Operation of Landfill Cell 4	L4_WFE2	E	AREA	810170	830015.4	175	0	-	-	-	3	3	40	-	-	4.016E-05	-	6.092E-06
4-Operation of Landfill Cell 4	L4_WFS1F1	F	AREA	810216.1	829981.9	225	0	-	-	-	3	3	41	-	-	4.016E-05	-	6.092E-06
4-Operation of Landfill Cell 4	L4_WFS2F2	F	AREA	810213.8	830098.8	225	0	-	-	-	3	3	41	-	-	4.016E-05	-	6.092E-06
4-Operation of Landfill Cell 5	L5_CWE_A1	A	AREA	810908.3	830567.4	50	0	-	-	-	27	60	9	-	-	1.275E-06	-	1.941E-07
4-Operation of Landfill Cell 5	L5_CWE_A2	A	AREA	810902.3	830684.5	50	0	-	-	-	60	27	77	-	-	1.275E-06	-	1.941E-07
4-Operation of Landfill Cell 5	L5_CWE_B1	B	AREA	810908.3	830567.4	50	0	-	-	-	27	60	9	-	-	1.275E-06	-	1.941E-07
4-Operation of Landfill Cell 5	L5_CWE_B2	B	AREA	810902.3	830684.5	50	0	-	-	-	60	27	77	-	-	1.275E-06	-	1.941E-07
4-Operation of Landfill Cell 5	L5_CWE_C1	C	AREA	810875.1	830649.2	15	0	-	-	-	27	60	41	-	-	1.275E-06	-	1.941E-07
4-Operation of Landfill Cell 5	L5_CWE_C2	C	AREA	810885.4	830604.2	15	0	-	-	-	27	60	41	-	-	1.275E-06	-	1.941E-07
4-Operation of Landfill Cell 5	L5_CWE_D1	D	AREA	810728.4	830402.4	15	0	-	-	-	27	60	41	-	-	1.275E-06	-	1.941E-07
4-Operation of Landfill Cell 5	L5_CWE_D2	D	AREA	810688.7	830437.9	15	0	-	-	-	27	60	41	-	-	1.275E-06	-	1.941E-07
4-Operation of Landfill Cell 5	L5_CWE_D2	D	AREA	810688.7	830437.9	15	0	-	-	-	27	60	41	-	-	1.275E-06	-	1.941E-07
4-Operation of Landfill Cell 5	L5_CWE_E1	E	AREA	810343.5	830046.7	175	0	-	-	-	27	60	41	-	-	1.275E-06	-	1.941E-07
4-Operation of Landfill Cell 5	L5_CWE_E2	E	AREA	810303.8	830001.8	175	2.55	-	-	-	27	60	27	-	-	1.275E-06	-	1.941E-07
4-Operation of Landfill Cell 5	L5_CWE_F1	F	AREA	810305.9	830008.7	225	2.55	-	-	-	27	60	41	-	-	1.275E-06	-	1.941E-07
4-Operation of Landfill Cell 5	L5_CWE_F2	F	AREA	810357.2	829976.2	225	2.55	-	-	-	27	60	59	-	-	1.275E-06	-	1.941E-07
4-Operation of Landfill Cell 5	L5_CHC_A1	A	AREA	810908.3	830567.4	50	2.55	-	-	-	27	60	9	-	-	5.143E-07	-	5.143E-08
4-Operation of Landfill Cell 5	L5_CHC_A2	A	AREA	810902.3	830684.5	50	2.55	-	-	-	60	27	77	-	-	5.143E-07	-	5.143E-08
4-Operation of Landfill Cell 5	L5_CHC_B1	B	AREA	810908.3	830567.4	50	2.55	-	-	-	27	60	9	-	-	5.143E-07	-	5.143E-08
4-Operation of Landfill Cell 5	L5_CHC_B2	B	AREA	810902.3	830684.5	50	2.55	-	-	-	60	27	77	-	-	5.143E-07	-	5.143E-08
4-Operation of Landfill Cell 5	L5_CHC_C1	C	AREA	810875.1	830649.2	15	2.55	-	-	-	27	60	41	-	-	5.143E-07	-	5.143E-08
4-Operation of Landfill Cell 5	L5_CHC_C2	C	AREA	810885.4	830604.2	15	2.55	-	-	-	27	60	41	-	-	5.143E-07	-	5.143E-08
4-Operation of Landfill Cell 5	L5_CHC_D1	D	AREA	810728.4	830482.9	15	2.55	-	-	-	27	60	41	-	-	5.143E-07	-	5.143E-08
4-Operation of Landfill Cell 5	L5_CHC_D2	D	AREA	810688.7	830437.9	15	2.55	-	-	-	27	60	41	-	-	5.143E-07	-	5.143E-08
4-Operation of Landfill Cell 5	L5_CHC_E1	E	AREA	810343.5	830046.7	175	2.55	-	-	-	27	60	41	-	-	5.143E-07	-	5.143E-08
4-Operation of Landfill Cell 5	L5_CHC_E2	E	AREA	810303.8	830001.8	175	2.55	-	-	-	27	60	41	-	-	5.143E-07	-	5.143E-08
4-Operation of Landfill Cell 5	L5_CHC_F1	F	AREA	810305.9	830008.7	225	2.55	-	-	-	60	27	41	-	-	5.143E-07	-	5.143E-08
4-Operation of Landfill Cell 5	L5_CHC_F2	F	AREA	810357.2	829976.2	225	2.55	-	-	-	27	60	59	-	-	5.143E-07	-	5.143E-08
4-Operation of Landfill Cell 5	L5_CHE_A1	A	AREA	810908.3	830567.4	50	0	-	-	-	3	60	9	-	-	5.595E-06	-	8.483E-07
4-Operation of Landfill Cell 5	L5_CHE_A2	A	AREA	810928.6	830690.6	50	0	-	-	-	60	3	77	-	-	5.595E-06	-	8.483E-07
4-Operation of Landfill Cell 5	L5_CHE_B1	B	AREA	810934.9	830563	50	0	-	-	-	3	60	9	-	-	5.595E-06	-	8.483E-07
4-Operation of Landfill Cell 5	L5_CHE_B2	B	AREA	810928.6	830690.6	50	0	-	-	-	60	3						

WENTX Dust Emission Inventory for RSP and FSP assessment [Scenario 8] [1][2]

Dust Source	Source ID	Scenario [3]	Type	X	Y	Base Elevation	Release Height	Exit Temperature	Exit Velocity	Internal Diameter	X-dim	Y-dim	Angle	Sz	Emission Rate			Operation Hour per Day	
				[m]	[m]	[mPD]	[m]	[K]	[m/s]	[m]	[m]	[m]	[°]	[m]	[g/s]	[g/m ² /s]	[g/s]	[g/m ² /s]	
4-Operation of Landfill Cell 5	L5_WFS4A1	A	AREA	810928.6	830690.6	50	0	-	-	-	3	3	77	-	-	4.016E-05	-	6.082E-06	
4-Operation of Landfill Cell 5	L5_WFS4A2	A	AREA	810929.3	830687.7	50	0	-	-	-	3	3	77	-	-	4.016E-05	-	6.082E-06	
4-Operation of Landfill Cell 5	L5_WFS4B1	B	AREA	810928.6	830690.6	50	0	-	-	-	3	3	77	-	-	4.016E-05	-	6.082E-06	
4-Operation of Landfill Cell 5	L5_WFS4B2	B	AREA	810929.3	830687.7	50	0	-	-	-	3	3	77	-	-	4.016E-05	-	6.082E-06	
4-Operation of Landfill Cell 5	L5_WFS4C1	C	AREA	810910.6	830693.9	15	0	-	-	-	3	3	41	-	-	4.016E-05	-	6.082E-06	
4-Operation of Landfill Cell 5	L5_WFS4C2	C	AREA	810908.6	830691.7	15	0	-	-	-	3	3	41	-	-	4.016E-05	-	6.082E-06	
4-Operation of Landfill Cell 5	L5_WFS4D1	D	AREA	810724.1	830482.6	15	0	-	-	-	3	3	41	-	-	4.016E-05	-	6.082E-06	
4-Operation of Landfill Cell 5	L5_WFS4D2	D	AREA	810726.1	830484.9	15	0	-	-	-	3	3	41	-	-	4.016E-05	-	6.082E-06	
4-Operation of Landfill Cell 5	L5_WFS4E1	E	AREA	810301.5	830003.7	175	0	-	-	-	3	3	41	-	-	4.016E-05	-	6.082E-06	
4-Operation of Landfill Cell 5	L5_WFS4E2	E	AREA	810303.5	830006	175	0	-	-	-	3	3	41	-	-	4.016E-05	-	6.082E-06	
4-Operation of Landfill Cell 5	L5_WFS4F1	F	AREA	810346.7	829968.8	225	0	-	-	-	3	3	41	-	-	4.016E-05	-	6.082E-06	
4-Operation of Landfill Cell 5	L5_WFS4F2	F	AREA	810344.4	829970.7	225	0	-	-	-	3	3	41	-	-	4.016E-05	-	6.082E-06	
4-Operation of Onsite Stockpiling Areas	SA10_MMA	A	AREA	810847.9	830709.9	27	0	-	-	100	50	67	-	-	2.711E-08	-	4.105E-09		
4-Operation of Onsite Stockpiling Areas	SA10_MMB	B	AREA	810741.6	830791.2	27	0	-	-	100	50	61	-	-	2.711E-08	-	4.105E-09		
4-Operation of Onsite Stockpiling Areas	SA10_MMCC	C	AREA	810700	830739.6	27	0	-	-	50	100	38	-	-	2.711E-08	-	4.105E-09		
4-Operation of Onsite Stockpiling Areas	SA10_MMD	D	AREA	810685.2	830721.2	27	0	-	-	50	100	38	-	-	2.711E-08	-	4.105E-09		
4-Operation of Onsite Stockpiling Areas	SA10_MME	E	AREA	810679.4	830730.4	27	0	-	-	100	50	46	-	-	2.711E-08	-	4.105E-09		
4-Operation of Onsite Stockpiling Areas	SA10_MMFF	F	AREA	810791.3	830454.7	27	0	-	-	100	50	31	-	-	2.711E-08	-	4.105E-09		
4-Operation of Onsite Stockpiling Areas	SA20_MMA	A	AREA	810727.1	830318.9	147	0	-	-	100	50	79	-	-	2.711E-08	-	4.105E-09		
4-Operation of Onsite Stockpiling Areas	SA20_MMB	B	AREA	810727.1	830318.9	147	0	-	-	100	50	79	-	-	2.711E-08	-	4.105E-09		
4-Operation of Onsite Stockpiling Areas	SA20_MMCC	C	AREA	810677.9	830310.2	147	0	-	-	50	100	79	-	-	2.711E-08	-	4.105E-09		
4-Operation of Onsite Stockpiling Areas	SA20_MMD	D	AREA	810667.4	830303.3	147	0	-	-	50	100	75	-	-	2.711E-08	-	4.105E-09		
4-Operation of Onsite Stockpiling Areas	SA20_MME	E	AREA	810672.5	830310	147	0	-	-	100	50	75	-	-	2.711E-08	-	4.105E-09		
4-Operation of Onsite Stockpiling Areas	SA20_MMFF	F	AREA	810660.5	830146.3	147	0	-	-	50	100	79	-	-	2.711E-08	-	4.105E-09		
4-Operation of Onsite Stockpiling Areas	SA50_MMA	A	AREA	810834.3	830675.8	15	0	-	-	70.7	70.7	19	-	-	2.711E-08	-	4.105E-09		
4-Operation of Onsite Stockpiling Areas	SA50_MMB	B	AREA	810637.2	830934.9	15	0	-	-	70.7	70.7	59	-	-	2.711E-08	-	4.105E-09		
4-Operation of Onsite Stockpiling Areas	SA50_MMCC	C	AREA	810403.1	831064	15	25	-	-	70.7	70.7	77	-	-	2.711E-08	-	4.105E-09		
4-Operation of Onsite Stockpiling Areas	SA50_MMD	D	AREA	810255.8	830852.3	15	35	-	-	70.7	70.7	21	-	-	2.711E-08	-	4.105E-09		
4-Operation of Onsite Stockpiling Areas	SA50_MME	E	AREA	809698.4	830333.4	15	60	-	-	70.7	70.7	45	-	-	2.711E-08	-	4.105E-09		
4-Operation of Onsite Stockpiling Areas	SA50_MMFF	F	AREA	830075.9	830075.9	15	0	-	-	70.7	70.7	86	-	-	2.711E-08	-	4.105E-09		
4-Operation of Onsite Stockpiling Areas	SA10_MSA	A	AREA	810847.9	830709.9	27	0	-	-	100	50	67	-	-	1.033E-08	-	1.564E-09		
4-Operation of Onsite Stockpiling Areas	SA10_MSBB	B	AREA	810741.6	830791.2	27	0	-	-	100	50	61	-	-	1.033E-08	-	1.564E-09		
4-Operation of Onsite Stockpiling Areas	SA10_MSC	C	AREA	810700	830739.6	27	0	-	-	50	100	38	-	-	1.033E-08	-	1.564E-09		
4-Operation of Onsite Stockpiling Areas	SA10_MSD	D	AREA	810685.2	830721.2	27	0	-	-	50	100	38	-	-	1.033E-08	-	1.564E-09		
4-Operation of Onsite Stockpiling Areas	SA10_MSE	E	AREA	810679.4	830730.4	27	0	-	-	100	50	46	-	-	1.033E-08	-	1.564E-09		
4-Operation of Onsite Stockpiling Areas	SA10_MSF	F	AREA	810791.3	830454.7	27	0	-	-	100	50	31	-	-	1.033E-08	-	1.564E-09		
4-Operation of Onsite Stockpiling Areas	SA20_MSA	A	AREA	810727.1	830318.9	147	0	-	-	100	50	79	-	-	1.033E-08	-	1.564E-09		
4-Operation of Onsite Stockpiling Areas	SA20_MSBB	B	AREA	810727.1	830318.9	147	0	-	-	100	50	79	-	-	1.033E-08	-	1.564E-09		
4-Operation of Onsite Stockpiling Areas	SA20_MSC	C	AREA	810667.4	830310.2	147	0	-	-	50	100	79	-	-	1.033E-08	-	1.564E-09		
4-Operation of Onsite Stockpiling Areas	SA20_MSD	D	AREA	810667.4	830303.3	147	0	-	-	50	100	75	-	-	1.033E-08	-	1.564E-09		
4-Operation of Onsite Stockpiling Areas	SA20_MSE	E	AREA	810672.5	830310	147	0	-	-	100	50	75	-	-	1.033E-08	-	1.564E-09		
4-Operation of Onsite Stockpiling Areas	SA20_MSF	F	AREA	810660.5	830146.3	147	0	-	-	50	100	79	-	-	1.033E-08	-	1.564E-09		
4-Operation of Onsite Stockpiling Areas	SA50_MSA	A	AREA	810834.3	830675.8	15	0	-	-	70.7	70.7	19	-	-	1.033E-08	-	1.564E-09		
4-Operation of Onsite Stockpiling Areas	SA50_MSBB	B	AREA	810637.2	830934.9	15	0	-	-	70.7	70.7	59	-	-	1.033E-08	-	1.564E-09		
4-Operation of Onsite Stockpiling Areas	SA50_MMCC	C	AREA	810403.1	831064	15	25	-	-	70.7	70.7	77	-	-	1.033E-08	-	1.564E-09		
4-Operation of Onsite Stockpiling Areas	SA50_MSD	D	AREA	810255.8	830852.3	15	35	-	-	70.7	70.7	21	-	-	1.033E-08	-	1.564E-09		
4-Operation of Onsite Stockpiling Areas	SA50_MSE	E	AREA	809698.4	830333.4	15	60	-	-	70.7	70.7	45	-	-	1.033E-08	-	1.564E-09		
4-Operation of Onsite Stockpiling Areas	SA50_MSF	F	AREA	830075.9	830075.9	15	0	-	-	70.7	70.7	86	-	-	1.033E-08	-	1.564E-09		
1-Operation of crushing plant at Tsang Kok	SC_LU1	A,B,C,D,E,F	POINT	810712.2	831514.5	6	5	-	-	5	5	4	-	-	1.279E-05	-	3.356E-06	0700 - 1900 (Material handling)	
1-Operation of crushing plant at Tsang Kok	SC_SC1	A,B,C,D,E,F	POINT	810721.1293	831462.6012	6	15	0	0.06	1.13	-	-	-	-	-	6.686E-02	-	3.038E-02	0700 - 1900 (Crushing)
1-Operation of crushing plant at Tsang Kok	SC_SC2	A,B,C,D,E,F	POINT	810656.422	831349.4687	6	15	0	0.06	1.13	-	-	-	-	-	1.669E-02	-	2.527E-03	0700 - 1900 (Material handling)
1-Operation of crushing plant at Tsang Kok	SC_MH2	A,B,C,D,E,F	AREA	810682.4	831364.9	6	10	-	-	1.4	1.3	16	-	-	1.669E-02	-	2.527E-03	0700 - 1900 (Material handling and wind erosion)	
1-Operation of crushing plant at Tsang Kok	SCSA_MH2	A,B,C,D,E,F	AREA	810651	831361.8	6	0	-	-	60	25	16	-	-	2.035E-05	-	3.082E-06	0700 - 1900 (Material handling and wind erosion); 1900 - 0700 (Wind erosion)	
2-Operation of crushing plant at Eastern Platform	SC_LU1L3	A,B,C,D,E,F	AREA	810723.4	831078	30	5	-	-	5	5	45	-	-	1.279E-05	-	3.356E-06	0700 - 1900 (Material handling)	
2-Operation of crushing plant at Eastern Platform	SC_SC3	A,B,C,D,E,F	POINT	810761.3946	831041.6551	30	15	0	0.06	1.13	-	-	-	-	-	6.686E-02	-	3.038E-02	0700 - 1900 (Crushing)
2-Operation of crushing plant at Eastern Platform	SC_MH3	A,B,C,D,E,F	AREA	810754.4	831011.2	30	10	-	-	1.3	1.4	58	-	-	1.669E-02	-	2.527E-03	0700 - 1900 (Material handling and wind erosion)	
2-Operation of crushing plant at Eastern Platform	SCSA_MH3	A,B,C,D,E,F	AREA	810723.3	831005.8	30	0	-	-	25	60	58	-	-	2.035E-05	-	3.082E-06	0700 - 1900 (Material handling and wind erosion); 1900 - 0700 (Wind erosion)	
2-Operation of crushing plant at Eastern Platform	SC_LU1L4	A,B,C,D,E,F	AREA	810834.6	830940	30	5	-	-	5	5	56	-	-	1.279E-05	-	3.356E-06	0700 - 1900 (Material handling)	
2-Operation of crushing plant at Eastern Platform	SC_SC4	A,B,C,D,E,F	POINT	810795.747	830912.4771	30	15	0	0.06	1.13	-	-	-	-	-	6.686E-02	-	3.038E-02	0700 - 1900 (Crushing)
2-Operation of crushing plant at Eastern Platform	SC_MH4	A,B,C,D,E,F	AREA	810766	830924.7	30	10	-	-	1.4	1.3	69	-	-	1.669E-02	-	2.527E-03	0700 - 1900 (Material handling)	
2-Operation of crushing plant at Eastern Platform	SCSA_MH4	A,B,C,D,E,F	AREA	810744.5	830947.9	30	0	-	-	60	25	69	-	-	2.035E-05	-	3.082E-06	0700 - 1900 (Material handling and wind erosion); 1900 - 0700 (Wind erosion)	
2-Operation of crushing plant at Eastern Platform	SC_LUL5	A,B,C,D,E,F	AREA	810896	830866.1	30	5	-	-	5	5	56	-	-	1.279E-05	-	3.356E-06	0700 - 1900 (Material handling)	
2-Operation of crushing plant at Eastern Platform	SC_SC5	A,B,C,D,E,F	POINT	810847.18</td															

WENTX Dust Emission Inventory for RSP and FSP assessment [Scenario 8] [1][2]

Dust Source	Source ID	Scenario [3]	Type	X	Y	Base Elevation	Release Height	Exit Temperature	Exit Velocity	Internal Diameter	X-dim	Y-dim	Angle	Sz	Emission Rate			Operation Hour per Day
				[m]	[m]	(mPD)	[m]	(K)	[m/s]	[m]	(m)	(°)	[m]	(g/s)	(g/m ² /s)	(g/s)	(g/m ² /s)	
6-Operation of Barging Points	BP2_WE	A,B,C,D,E,F	AREA	810676.3	831550.4	0	0	-	-	45	20	11	-	-	1.275E-06	-	1.941E-07	0700 - 1900 (Wind erosion)
6-Operation of Barging Points	BP3_WE	A,B,C,D,E,F	AREA	810722.5	831593.7	0	0	-	-	20	45	20	-	-	1.275E-06	-	1.941E-07	
6-Operation of Barging Points	BP4_WE	A,B,C,D,E,F	AREA	810782	831685.7	0	0	-	-	20	45	70	-	-	1.275E-06	-	1.941E-07	
6-Operation of Barging Points	BP5_WE	A,B,C,D,E,F	AREA	811036.9	831756.2	0	0	-	-	20	45	70	-	-	1.275E-06	-	1.941E-07	
6-Operation of Barging Points	BP6_WE	A,B,C,D,E,F	AREA	811093.6	831776.5	0	0	-	-	20	45	70	-	-	1.275E-06	-	1.941E-07	
Operation Phase - Haul Roads	HR_01101	A,B,C,D,E,F	AREA	810593.9	831021.8	25	2.55	-	-	124.4	9	32	2.372	-	2.420E-07	-	5.854E-08	0800 - 2000 (Waste delivery)
Operation Phase - Haul Roads	HR_01102	A,B,C,D,E,F	AREA	810697	830956	15	2.55	-	-	122.8	9	60	2.372	-	2.420E-07	-	5.854E-08	
Operation Phase - Haul Roads	HR_01103	A,B,C,D,E,F	AREA	810757.9	830849.6	15	2.55	-	-	110.8	9	61	2.372	-	2.420E-07	-	5.854E-08	
Operation Phase - Haul Roads	HR_01104	A,B,C,D,E,F	AREA	810812.6	830749.8	15	2.55	-	-	114.9	9	19	2.372	-	2.420E-07	-	5.854E-08	
Operation Phase - Haul Roads	HR_01105	A,B,C,D,E,F	AREA	810917.8	830714.2	75	2.55	-	-	230.6	9	79	2.372	-	2.420E-07	-	5.854E-08	
Operation Phase - Haul Roads	HR_01106	A,B,C,D,E,F	AREA	810949.5	830424.5	75	2.55	-	-	9	64.7	7	2.372	-	2.420E-07	-	5.854E-08	
Operation Phase - Haul Roads	HR_01107	A,B,C,D,E,F	AREA	810934.6	830374.7	75	2.55	-	-	9	52.7	16	2.372	-	2.420E-07	-	5.854E-08	
Operation Phase - Haul Roads	HR_01108	A,B,C,D,E,F	AREA	810892.7	830314	100	2.55	-	-	9	75.1	34	2.372	-	2.420E-07	-	5.854E-08	
Operation Phase - Haul Roads	HR_01109	A,B,C,D,E,F	AREA	810991.9	830311.4	100	2.55	-	-	52	9	89	2.372	-	2.420E-07	-	5.854E-08	
Operation Phase - Haul Roads	HR_01110	A,B,C,D,E,F	AREA	810845.5	830210.2	200	2.55	-	-	9	71.2	42	2.372	-	2.420E-07	-	5.854E-08	
Operation Phase - Haul Roads	HR_01111	A,B,C,D,E,F	AREA	810844.5	830206.1	200	2.55	-	-	73.1	9	77	2.372	-	2.420E-07	-	5.854E-08	
Operation Phase - Haul Roads	HR_01112	A,B,C,D,E,F	AREA	810651.5	830102.6	200	2.55	-	-	9	216.2	79	2.372	-	2.420E-07	-	5.854E-08	0800 - 2000 (Waste delivery)
Operation Phase - Haul Roads	HR_01113	A,B,C,D,E,F	AREA	810537.2	829981.4	200	2.55	-	-	9	163.9	43	2.372	-	2.420E-07	-	5.854E-08	
Operation Phase - Haul Roads	HR_01114	A,B,C,D,E,F	AREA	810371.6	829960.3	250	2.55	-	-	9	169.8	82	2.372	-	2.420E-07	-	5.854E-08	
Operation Phase - Haul Roads	HR_01115	A,B,C,D,E,F	AREA	810323.8	829983.6	250	2.55	-	-	55.6	9	34	2.372	-	2.420E-07	-	5.854E-08	
Operation Phase - Haul Roads	HR_01116	A,B,C,D,E,F	AREA	810256.1	829989.9	250	2.55	-	-	9	70.1	88	2.372	-	2.420E-07	-	5.854E-08	
Operation Phase - Haul Roads	HR_01117	A,B,C,D,E,F	AREA	810174.5	829995.6	225	2.55	-	-	82.3	9	10	2.372	-	2.420E-07	-	5.854E-08	
Operation Phase - Haul Roads	HR_01118	A,B,C,D,E,F	AREA	810132.3	830020.8	225	2.55	-	-	47.6	9	31	2.372	-	2.420E-07	-	5.854E-08	
Operation Phase - Haul Roads	HR_01119	A,B,C,D,E,F	AREA	810096.2	830014	225	2.55	-	-	9	39.6	67	2.372	-	2.420E-07	-	5.854E-08	
Operation Phase - Haul Roads	HR_01120	A,B,C,D,E,F	AREA	809971.7	830014	225	2.55	-	-	9	126.2	89	2.372	-	2.420E-07	-	5.854E-08	
Operation Phase - Haul Roads	HR_01121	A,B,C,D,E,F	AREA	809918	830053.6	200	2.55	-	-	69.4	9	43	2.372	-	2.420E-07	-	5.854E-08	
Operation Phase - Haul Roads	HR_01122	A,B,C,D,E,F	AREA	809805.7	830220.9	150	2.55	-	-	200.5	9	56	2.372	-	2.420E-07	-	5.854E-08	0800 - 2000 (Waste delivery)
Operation Phase - Haul Roads	HR_01123	A,B,C,D,E,F	AREA	809695.1	830335.8	100	2.55	-	-	160.2	9	46	2.372	-	2.420E-07	-	5.854E-08	
Operation Phase - Haul Roads	HR_01124	A,B,C,D,E,F	AREA	809695.6	830342.5	50	20	-	-	9	530.6	52	2.372	-	2.420E-07	-	5.854E-08	
Operation Phase - Haul Roads	HR_01125	A,B,C,D,E,F	AREA	810116.4	830669.9	50	15	-	-	9	47.3	86	2.372	-	2.420E-07	-	5.854E-08	
Operation Phase - Haul Roads	HR_01126	A,B,C,D,E,F	AREA	810161	830671.7	50	15	-	-	9	50.2	49	2.372	-	2.420E-07	-	5.854E-08	
Operation Phase - Haul Roads	HR_01127	A,B,C,D,E,F	AREA	810197.5	830701.8	50	10	-	-	9	65	10	2.372	-	2.420E-07	-	5.854E-08	
Operation Phase - Haul Roads	HR_01128	A,B,C,D,E,F	AREA	810209.4	830763	25	35	-	-	9	70.7	30	2.372	-	2.420E-07	-	5.854E-08	
Operation Phase - Haul Roads	HR_01129	A,B,C,D,E,F	AREA	810245.1	830827.6	25	25	-	-	9	155.7	22	2.372	-	2.420E-07	-	5.854E-08	
Operation Phase - Haul Roads	HR_01130	A,B,C,D,E,F	AREA	810309.4	830972.6	25	25	-	-	9	65.3	37	2.372	-	2.420E-07	-	5.854E-08	
Operation Phase - Haul Roads	HR_01131	A,B,C,D,E,F	AREA	810345.2	831025.7	25	25	-	-	9	55.9	54	2.372	-	2.420E-07	-	5.854E-08	
Operation Phase - Haul Roads	HR_01132	A,B,C,D,E,F	AREA	810391.9	831058.7	25	15	-	-	9	50.7	70	2.372	-	2.420E-07	-	5.854E-08	
Operation Phase - Haul Roads	HR_01133	A,B,C,D,E,F	AREA	810440.9	831075.4	25	15	-	-	9	94.8	84	2.372	-	2.420E-07	-	5.854E-08	0800 - 1700 (Immediate covering); 1700 - 2100 (Daily covering)
Operation Phase - Haul Roads	HR_01134	A,B,C,D,E,F	AREA	810467.4	831026.1	25	2.55	-	-	9	88.6	48	2.372	-	2.420E-07	-	5.854E-08	
Operation Phase - Haul Roads	HR_01135	A,B,C,D,E,F	AREA	810467.2	831019.6	25	2.55	-	-	94.1	9	45	2.372	-	2.420E-07	-	5.854E-08	
Operation Phase - Haul Roads	HR_01136	A,B,C,D,E,F	AREA	810532.7	830958.2	25	2.55	-	-	9	92.6	40	2.372	-	2.420E-07	-	5.854E-08	
Operation Phase - Haul Roads	HR_01201	A,B,C,D,E,F	AREA	810593.9	831021.8	25	2.55	-	-	124.4	9	32	2.372	-	2.537E-07	-	6.138E-08	
Operation Phase - Haul Roads	HR_01202	A,B,C,D,E,F	AREA	810697	830956	15	2.55	-	-	122.8	9	60	2.372	-	2.537E-07	-	6.138E-08	
Operation Phase - Haul Roads	HR_01203	A,B,C,D,E,F	AREA	810757.9	830849.6	15	2.55	-	-	110.8	9	61	2.372	-	2.537E-07	-	6.138E-08	
Operation Phase - Haul Roads	HR_01204	A,B,C,D,E,F	AREA	810812.6	830749.8	15	2.55	-	-	114.9	9	19	2.372	-	2.537E-07	-	6.138E-08	
Operation Phase - Haul Roads	HR_01205	A,B,C,D,E,F	AREA	810917.8	830714.2	75	2.55	-	-	230.6	9	79	2.372	-	2.537E-07	-	6.138E-08	
Operation Phase - Haul Roads	HR_01206	A,B,C,D,E,F	AREA	810949.5	830424.5	75	2.55	-	-	9	64.7	7	2.372	-	2.537E-07	-	6.138E-08	
Operation Phase - Haul Roads	HR_01207	A,B,C,D,E,F	AREA	810934.6	830374.7	75	2.55	-	-	9	52.7	16	2.372	-	2.537E-07	-	6.138E-08	
Operation Phase - Haul Roads	HR_01208	A,B,C,D,E,F	AREA	810892.7	830314	100	2.55	-	-	9	75.1	34	2.372	-	2.537E-07	-	6.138E-08	
Operation Phase - Haul Roads	HR_01209	A,B,C,D,E,F	AREA	810991.9	830311.4	100	2.55	-	-	52	9	89	2.372	-	2.537E-07	-	6.138E-08	
Operation Phase - Haul Roads	HR_01210	A,B,C,D,E,F	AREA	810845.5	830210.2	200	2.55	-	-	9	71.2	42	2.372	-	2.537E-07	-	6.138E-08	
Operation Phase - Haul Roads	HR_01211	A,B,C,D,E,F	AREA	810844.5	830206.1	200	2.55	-	-	73.1	9	77	2.372	-	2.537E-07	-	6.138E-08	
Operation Phase - Haul Roads	HR_01212	A,B,C,D,E,F	AREA	810651.5	830102.6	200	2.55	-	-	9	216.2	79	2.372	-	2.537E-07	-	6.138E-08	
Operation Phase - Haul Roads	HR_01213	A,B,C,D,E,F	AREA	810537.2	829981.4	200	2.55	-	-	9	163.9	43	2.372	-	2.537E-07	-	6.138E-08	0800 - 2000 (Waste delivery)
Operation Phase - Haul Roads	HR_01214	A,B,C,D,E,F	AREA	810371.6	829960.3	250	2.55	-	-	9	169.8	82	2.372	-	2.537E-07	-	6.138E-08	
Operation Phase - Haul Roads	HR_01215	A,B,C,D,E,F	AREA	810323.8	829983.6	250	2.55	-	-	55.6	9	34	2.372	-	2.537E-07	-	6.138E-08	
Operation Phase - Haul Roads	HR_01216	A,B,C,D,E,F	AREA	810256.1	829989.9	250	2.55	-	-	9	70.1	88	2.372	-	2.537E-07	-	6.138E-08	
Operation Phase - Haul Roads	HR_01217	A,B,C,D,E,F	AREA	810174.5	829995.6	225	2.55	-	-	82.3	9	10	2.372	-	2.537E-07	-	6.138E-08	
Operation Phase - Haul Roads	HR_01218	A,B,C,D,E,F	AREA	810132.3	830020.8	225	2.55	-	-	47.6	9	31	2.372	-	2.537E-07	-</		

WENTX Dust Emission Inventory for RSP and FSP assessment [Scenario 8] [1][2]

Dust Source	Source ID	Scenario [3]	Type	X	Y	Base Elevation	Release Height	Exit Temperature	Exit Velocity	Internal Diameter	X-dim	Y-dim	Angle	Sz	Emission Rate			Operation Hour per Day
				(m)	(m)	(mPD)	(m)	(K)	(m/s)	(m)	(m)	(m)	(°)	(m)	(g/s)	(g/m ² /s)	(g/s)	(g/m ² /s)
Operation Phase - Haul Roads	HR_O208	A,B,C,D,E,F	AREA	810944	830548.6	90	2.55	-	-	-	16.5	9	79	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O209	A,B,C,D,E,F	AREA	810934.7	830524.2	92	2.55	-	-	-	9	18.4	48	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O210	A,B,C,D,E,F	AREA	810933.6	830518.9	92	2.55	-	-	-	27.2	9	64	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O211	A,B,C,D,E,F	AREA	810897.2	8304481.1	68	2.55	-	-	-	9	54.2	69	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O212	A,B,C,D,E,F	AREA	810896.3	830473.2	70	2.55	-	-	-	57.9	9	34	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O213	A,B,C,D,E,F	AREA	810912.8	830411.8	95	2.55	-	-	-	9	45.2	40	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O214	A,B,C,D,E,F	AREA	810889.7	830405.3	99	2.55	-	-	-	9	26.3	72	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O215	A,B,C,D,E,F	AREA	810792.7	830455.8	93	2.55	-	-	-	112.5	9	31	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O216	A,B,C,D,E,F	AREA	810782.2	830508.7	88	2.55	-	-	-	50.6	9	80	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O217	A,B,C,D,E,F	AREA	810766.3	830513.1	93	2.55	-	-	-	20.1	9	22	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O218	A,B,C,D,E,F	AREA	810763.5	830517.4	93	2.55	-	-	-	9	55.1	2	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O219	A,B,C,D,E,F	AREA	810735.2	830594.7	96	2.55	-	-	-	41.1	9	38	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O220	A,B,C,D,E,F	AREA	810734.3	830600.8	95	2.55	-	-	-	9	26.7	35	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O221	A,B,C,D,E,F	AREA	810749.1	830619.9	86	2.55	-	-	-	9	21.9	0	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O222	A,B,C,D,E,F	AREA	810738.6	830639.2	91	2.55	-	-	-	14.8	9	7	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O223	A,B,C,D,E,F	AREA	810716.1	830702	86	2.55	-	-	-	62.6	9	72	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O224	A,B,C,D,E,F	AREA	810650.3	830734.6	94	2.55	-	-	-	76.6	9	27	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O225	A,B,C,D,E,F	AREA	810651.1	830742.9	90	2.55	-	-	-	9	71	73	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O226	A,B,C,D,E,F	AREA	810717.1	830761.2	56	2.55	-	-	-	9	87.3	38	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O301	A,B,C,D,E,F	AREA	810813.5	830212.7	186	2.55	-	-	-	20.6	9	16	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O302	A,B,C,D,E,F	AREA	810815.1	830209.6	183	2.55	-	-	-	9	18.6	53	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O303	A,B,C,D,E,F	AREA	810811.9	830223.7	188	2.55	-	-	-	18.2	9	85	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O304	A,B,C,D,E,F	AREA	810801.9	830237.8	187	2.55	-	-	-	19.4	9	56	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O305	A,B,C,D,E,F	AREA	810783.9	830223	193	2.55	-	-	-	9	27.4	42	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O306	A,B,C,D,E,F	AREA	810782.8	830219.7	192	2.55	-	-	-	97.1	9	86	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O307	A,B,C,D,E,F	AREA	810659.5	830104	219	2.55	-	-	-	9	134.4	79	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O308	A,B,C,D,E,F	AREA	810656.2	830101.3	219	2.55	-	-	-	9	30.7	22	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O309	A,B,C,D,E,F	AREA	810654	830141.2	221	2.55	-	-	-	22.1	9	47	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O310	A,B,C,D,E,F	AREA	810652.2	830162.5	218	2.55	-	-	-	18.4	9	88	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O311	A,B,C,D,E,F	AREA	810654.6	830166.7	216	2.55	-	-	-	9	25.8	62	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O312	A,B,C,D,E,F	AREA	810675.1	830174.9	206	2.55	-	-	-	9	37	3	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O313	A,B,C,D,E,F	AREA	810664.6	830211.5	208	2.55	-	-	-	17.1	9	14	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O314	A,B,C,D,E,F	AREA	810660.2	830237.7	201	2.55	-	-	-	22	9	87	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O315	A,B,C,D,E,F	AREA	810662.4	830241.8	199	2.55	-	-	-	9	24.1	60	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O316	A,B,C,D,E,F	AREA	810677.3	830260.2	188	2.55	-	-	-	12.6	9	70	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O317	A,B,C,D,E,F	AREA	810652.9	830283.5	178	2.55	-	-	-	35.7	9	44	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O318	A,B,C,D,E,F	AREA	810652.9	830289.9	175	2.55	-	-	-	9	50.5	44	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O319	A,B,C,D,E,F	AREA	810691	830318.1	164	2.55	-	-	-	43.9	9	8	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O320	A,B,C,D,E,F	AREA	810732.5	830319.6	157	2.55	-	-	-	9	44.1	54	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O321	A,B,C,D,E,F	AREA	810766.9	830339.7	147	2.55	-	-	-	19.4	9	68	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O322	A,B,C,D,E,F	AREA	810771.2	830308.2	158	2.55	-	-	-	9	16	9	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O323	A,B,C,D,E,F	AREA	810771.5	830305.7	159	2.55	-	-	-	24.2	9	66	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O324	A,B,C,D,E,F	AREA	810782.9	830281.7	171	2.55	-	-	-	64	9	35	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O325	A,B,C,D,E,F	AREA	810831.5	830240.4	189	2.55	-	-	-	9	8.9	10	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O326	A,B,C,D,E,F	AREA	810833.1	830236.1	189	2.55	-	-	-	31.5	9	40	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O327	A,B,C,D,E,F	AREA	810849.2	830214.2	184	2.55	-	-	-	9	10.9	42	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O501	A,B,C,D,E,F	AREA	810612.1	831017.2	7	2.55	-	-	-	108.9	14	25	2.372	-	1.631E-07	-	3.946E-08
Operation Phase - Haul Roads	HR_O502	A,B,C,D,E,F	AREA	810563	831061.7	8	2.55	-	-	-	67	14	45	2.372	-	1.631E-07	-	3.946E-08
Operation Phase - Haul Roads	HR_O503	A,B,C,D,E,F	AREA	810540.8	831110.7	7	2.55	-	-	-	51.3	14	66	2.372	-	1.631E-07	-	3.946E-08
Operation Phase - Haul Roads	HR_O504	A,B,C,D,E,F	AREA	810537.4	831164.8	7	2.55	-	-	-	51.8	14	86	2.372	-	1.631E-07	-	3.946E-08
Operation Phase - Haul Roads	HR_O505	A,B,C,D,E,F	AREA	810467.2	831170.8	13	2.55	-	-	-	14	77.1	89	2.372	-	1.631E-07	-	3.946E-08
Operation Phase - Haul Roads	HR_O506	A,B,C,D,E,F	AREA	810409.9	831276.9	7	2.55	-	-	-	126.6	14	66	2.372	-	1.631E-07	-	3.946E-08
Operation Phase - Haul Roads	HR_O507	A,B,C,D,E,F	AREA	810344.1	831284.9	8	2.55	-	-	-	14	72	88	2.372	-	1.631E-07	-	3.946E-08
Operation Phase - Haul Roads	HR_O508	A,B,C,D,E,F	AREA	810310.9	831253.1	10	2.55	-	-	-	14	41	43	2.372	-	1.631E-07	-	3.946E-08
Operation Phase - Haul Roads	HR_O509	A,B,C,D,E,F	AREA	810292	831263.1	10	2.55	-	-	-	27.4	14	46	2.372	-	1.631E-07	-	3.946E-08
Operation Phase - Haul Roads	HR_O510	A,B,C,D,E,F	AREA	810219.7	831394.6	9	2.55	-	-	-	148.2	14	61	2.372	-	1.631E-07	-	3.946E-08
Operation Phase - Haul Roads	HR_O511	A,B,C,D,E,F	AREA	810193.9	831527.3	9	2.55	-	-	-	155.5	14	58	2.372	-	1.631E-07	-	3.946E-08
Operation Phase - Haul Roads	HR_O601	A,B,C,D,E,F	AREA	810715.6	830784.2	15	2.55	-	-	-	214.6	9	19	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O602	A,B,C,D,E,F	AREA	810842.1	830515.3	15	2.55	-	-	-	9	214.6	19	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O603	A,B,C,D,E,F	AREA	810642.9	830582.3	15	2.55	-	-	-	214.6	9	19	2.372	-	2.537E-07	-	6.138E-08
Operation Phase - Haul Roads	HR_O604	A,B,C,D,E,F	AREA	810640.2	830588.8	15	2.55	-	-	-	9	214.6	19	2.372	-	2.537E-07	-	6.138E-08

WENTX Dust Emission Inventory for RSP and FSP assessment [Scenario 8] [1][2]

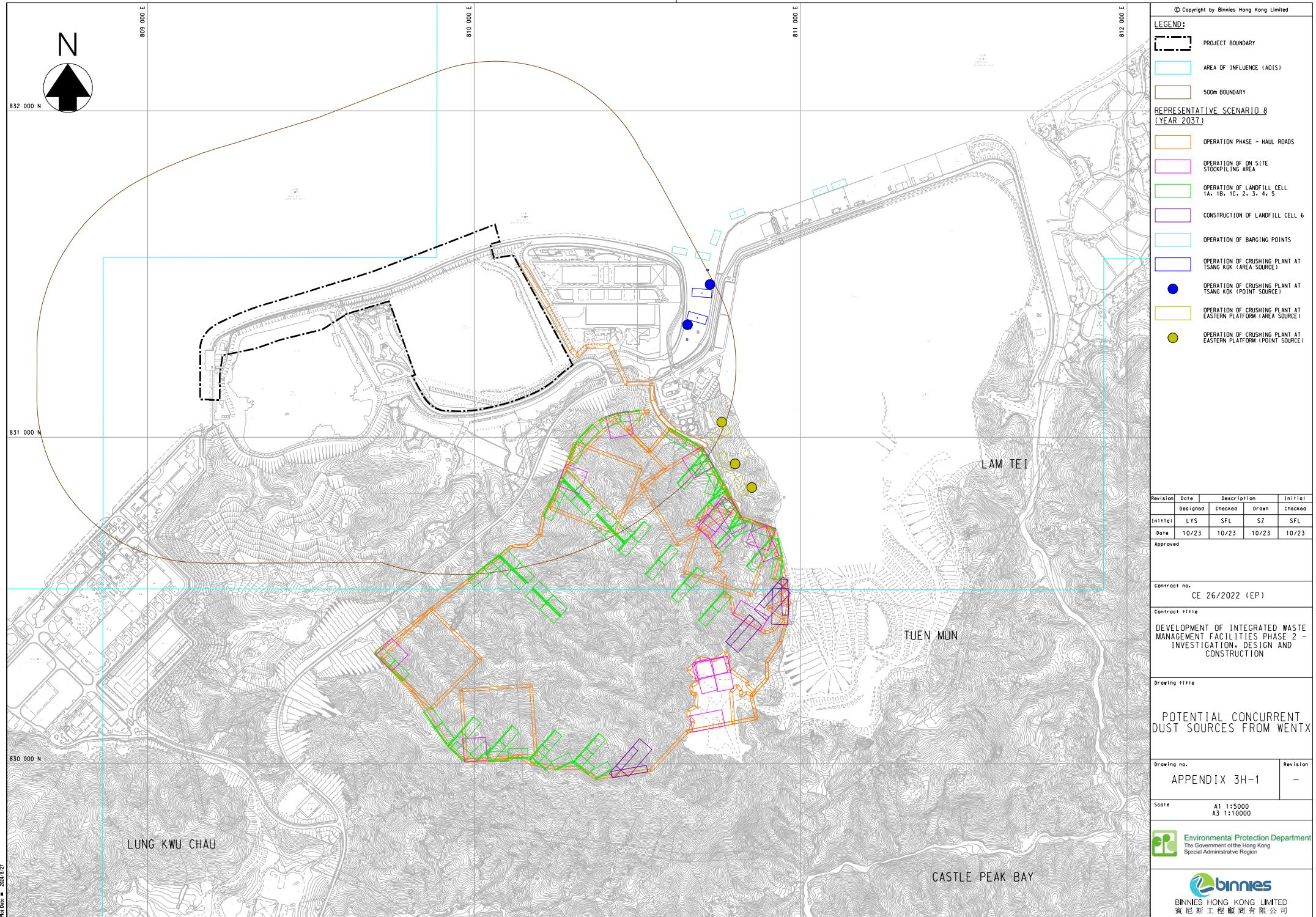
Dust Source	Source ID	Scenario [3]	Type	X	Y	Base Elevation	Release Height	Exit Temperature	Exit Velocity	Internal Diameter	X-dim	Y-dim	Angle	Sz	Emission Rate		Operation Hour per Day
				(m)	(m)	(mPD)	(m)	(K)	(m/s)	(m)	(m)	(m)	(°)	(m)	(g/s)	(g/m ² /s)	(g/s)
Operation Phase - Haul Roads	HR_O804	A,B,C,D,E,F	AREA	810537.4	831164.8	7	2.55	-	-	51.8	14	86	2.372	-	1.955E-07	-	3.763E-08

Notes:

[1] Reference was made to the approved "Final Air Quality Impact Assessment Report of Provision of Consultancy Services for Air Quality Impact Assessment at West New Territories Landfill Extension" and the latest information at the time of the I-PARK2 EIA.

[2] According to Appendix 5.1 of the Air Quality Impact Assessment Report of West New Territories Landfill Extension report 2022 and considering the I-PARK2 will commission in Year 2030, Scenario 8 and 10-1 (of the WENTX AQIA report) would be sufficient to cover the highest RSP and FSP emission impact from WENTX.

[3] The emissions from each dusty activity in each cell are allocated to the closest location from a specific group of ASRs as the WENTX EIA report and divided into 6 scenarios in the assessment. The emission sources of Scenario 8 and Scenario 10-1 (of the WENTX AQIA report) associated with all ASR Groups (for each dusty activity) are assessed simultaneously in the assessment as a conservative scenario. Maximum cumulative 10th highest 24-hour RSP and 19th highest 24-hour FSP among 6 scenarios would be presented.



WENTX Dust Emission Inventory for RSP and FSP assessment [Scenario 10-1] [1][2]

Dust Source	Source ID	Scenario [3]	Type	X	Y	Base Elevation	Release Height	Exit Temperature	Exit Velocity	Internal Diameter	X-dim	Y-dim	Angle	Sz	Emission Rate				Operation Hour per Day
				(m)	(m)	(mPD)	(m)	(K)	(m/s)	(m)	(m)	(m)	(°)	(m)	(g/s)	(g/m ³ /s)	(g/s)	(g/m ³ /s)	
1-Restoration of Landfill Cell 1	L1_REH_A	A	AREA	810582.0	830980.9	15	0	-	-	110	50	33	-	-	8.149E-06	-	1.240E-06	0700-1900	
1-Restoration of Landfill Cell 1	L1_REH_B	B	AREA	810582.0	830980.9	15	0	-	-	110	50	33	-	-	8.149E-06	-	1.240E-06	0700-1900	
1-Restoration of Landfill Cell 1	L1_REH_C	C	AREA	810369.2	831045.3	15	25	-	-	50	110	72	-	-	8.149E-06	-	1.240E-06	0700-1900	
1-Restoration of Landfill Cell 1	L1_REH_D	D	AREA	810297.6	830955.5	15	35	-	-	50	110	38	-	-	8.149E-06	-	1.240E-06	0700-1900	
1-Restoration of Landfill Cell 1	L1_REH_E	E	AREA	809696.7	830335.0	75	0	-	-	110	50	44	-	-	8.149E-06	-	1.240E-06	0700-1900	
1-Restoration of Landfill Cell 1	L1_REH_F	F	AREA	809848.1	830153.9	170	0	-	-	110	50	54	-	-	8.149E-06	-	1.240E-06	0700-1900	
1-Operation of Onsite Stockpiling Areas	SASR_MHA	A	AREA	810834.3	830675.8	15	0	-	-	70.7	70.7	19	-	-	4.039E-07	-	6.116E-08	0700-1900	
1-Operation of Onsite Stockpiling Areas	SASR_MMH	B	AREA	810637.2	830934.9	15	0	-	-	70.7	70.7	59	-	-	4.039E-07	-	6.116E-08	0700-1900	
1-Operation of Onsite Stockpiling Areas	SASR_MHC	C	AREA	810403.1	831064.0	15	25	-	-	70.7	70.7	77	-	-	4.039E-07	-	6.116E-08	0700-1900	
1-Operation of Onsite Stockpiling Areas	SASR_MHD	D	AREA	810255.8	830852.3	15	35	-	-	70.7	70.7	21	-	-	4.039E-07	-	6.116E-08	0700-1900	
1-Operation of Onsite Stockpiling Areas	SASR_MHE	E	AREA	809698.4	830333.4	15	60	-	-	70.7	70.7	45	-	-	4.039E-07	-	6.116E-08	0700-1900	
1-Operation of Onsite Stockpiling Areas	SASR_MHF	F	AREA	809965.1	830075.9	15	0	-	-	70.7	70.7	86	-	-	4.039E-07	-	6.116E-08	0700-1900	
Restoration Phase - Haul Roads	HR_R101	A,B,C,D,E,F	AREA	810593.9	831021.8	25	255	-	-	124.4	9	32	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R102	A,B,C,D,E,F	AREA	810697.0	830956.0	15	255	-	-	122.8	9	60	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R103	A,B,C,D,E,F	AREA	810757.9	830849.6	15	255	-	-	110.8	9	61	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R104	A,B,C,D,E,F	AREA	810812.6	830749.8	15	255	-	-	114.9	9	19	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R105	A,B,C,D,E,F	AREA	810917.8	830714.2	75	255	-	-	230.6	9	79	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R106	A,B,C,D,E,F	AREA	810949.5	830424.5	75	255	-	-	9	64.7	7	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R107	A,B,C,D,E,F	AREA	810934.6	830374.7	75	255	-	-	9	52.7	16	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R108	A,B,C,D,E,F	AREA	810892.7	830314.0	100	255	-	-	9	75.1	34	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R109	A,B,C,D,E,F	AREA	810891.9	830311.4	100	255	-	-	52	9	89	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R110	A,B,C,D,E,F	AREA	810845.5	830210.2	200	255	-	-	9	71.2	42	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R111	A,B,C,D,E,F	AREA	810844.5	830206.1	200	255	-	-	73.1	9	77	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R112	A,B,C,D,E,F	AREA	810651.5	830102.6	200	255	-	-	9	216.2	79	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R113	A,B,C,D,E,F	AREA	810537.2	829981.4	200	255	-	-	9	163.9	43	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R114	A,B,C,D,E,F	AREA	810371.6	829960.3	250	255	-	-	9	169.8	82	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R115	A,B,C,D,E,F	AREA	810323.8	829983.6	250	255	-	-	55.6	9	34	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R116	A,B,C,D,E,F	AREA	810256.1	829989.9	250	255	-	-	9	70.1	88	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R117	A,B,C,D,E,F	AREA	810174.5	829955.6	225	255	-	-	82.3	9	10	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R118	A,B,C,D,E,F	AREA	810132.3	830020.8	225	255	-	-	47.6	9	31	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R119	A,B,C,D,E,F	AREA	810096.2	830014.0	225	255	-	-	9	30.6	67	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R120	A,B,C,D,E,F	AREA	809971.7	830014.0	225	255	-	-	9	126.2	89	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R121	A,B,C,D,E,F	AREA	809918.0	830053.6	200	255	-	-	69.4	9	43	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R122	A,B,C,D,E,F	AREA	809805.7	830220.9	150	255	-	-	200.5	9	56	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R123	A,B,C,D,E,F	AREA	809695.1	830335.8	100	255	-	-	160.2	9	46	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R124	A,B,C,D,E,F	AREA	809695.6	830342.5	50	20	-	-	9	530.6	52	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R125	A,B,C,D,E,F	AREA	810116.4	830669.9	50	15	-	-	9	47.3	86	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R126	A,B,C,D,E,F	AREA	810161.0	830671.7	50	15	-	-	9	50.2	49	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R127	A,B,C,D,E,F	AREA	810197.5	830701.8	50	10	-	-	9	65	10	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R128	A,B,C,D,E,F	AREA	810209.4	830767.3	25	35	-	-	9	70.7	30	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R129	A,B,C,D,E,F	AREA	810245.1	830827.6	25	25	-	-	9	155.7	22	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R130	A,B,C,D,E,F	AREA	810304.9	830972.6	25	25	-	-	9	65.3	37	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R131	A,B,C,D,E,F	AREA	810345.2	831025.7	25	25	-	-	9	55.9	54	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R132	A,B,C,D,E,F	AREA	810391.9	831058.7	25	15	-	-	9	50.7	70	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R133	A,B,C,D,E,F	AREA	810440.9	831075.4	25	15	-	-	9	94.8	84	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R134	A,B,C,D,E,F	AREA	810467.4	831026.1	25	255	-	-	9	86.8	48	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R135	A,B,C,D,E,F	AREA	810467.2	831019.6	25	255	-	-	94.1	9	45	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R136	A,B,C,D,E,F	AREA	810532.7	830958.2	25	255	-	-	9	92.6	40	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R601	A,B,C,D,E,F	AREA	810751.6	830784.2	15	255	-	-	214.6	9	19	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R602	A,B,C,D,E,F	AREA	810842.1	830515.3	15	255	-	-	9	214.6	19	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R603	A,B,C,D,E,F	AREA	810642.9	830582.3	15	255	-	-	214.6	9	19	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R604	A,B,C,D,E,F	AREA	810640.2	830588.0	15	255	-	-	9	214.6	19	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R605	A,B,C,D,E,F	AREA	810699.6	830962.4	15	255	-	-	214.6	9	59	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R606	A,B,C,D,E,F	AREA	810618.9	830674.6	15	255	-	-	9	214.6	59	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R607	A,B,C,D,E,F	AREA	810507.9	830853.1	15	255	-	-	214.6	9	59	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R608	A,B,C,D,E,F	AREA	810509.5	830859.2	15	255	-	-	9	214.6	59	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R609	A,B,C,D,E,F	AREA	810279.1	830908.6	15	35	-	-	9	214.6	45	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R609	A,B,C,D,E,F	AREA	810432.6	831052.2	15	35	-	-	214.6	9	45	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R603	A,B,C,D,E,F	AREA	810429.1	830755.1	15	35	-	-	9	214.6	45	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R604	A,B,C,D,E,F	AREA	810279.1	830902.2	15	35	-	-	214.6	9	45	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R605	A,B,C,D,E,F	AREA	810229.3	830785.4	15	35	-	-	9	214.6	21	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R606	A,B,C,D,E,F	AREA	810311.0	830979.1	15	35	-	-	214.6	9	21	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R603	A,B,C,D,E,F	AREA	810428.8	830706.3	15	35	-	-	9	214.6	21	2.372	-	6.138E-08	0700-1900			
Restoration Phase - Haul Roads	HR_R604	A,B,C,D,E,F	AREA	810231.8	830779.6	15	35	-	-	214.6	9	21	2.372	-	6.1				

