

Stoney Hill Landfill Site
 Flare Monitoring Data, January to March 2024

Date	Methane (%v/v)	Carbon Dioxide (%v/v)	Oxygen (%v/v)	Balance Gas (%v/v)	Barometric Pressure (mbar)	Relative Pressure (mbar)	Carbon Monoxide (ppm)	Hydrogen Sulphide (ppm)	Gas Flow (m3/hr)	Comments
02/01/2024	53.2	24.9	2.7	19.2	964	-9.89	0	8	108	
09/01/2024	59.8	28.8	1.1	10.3	1013	-18.84	1	32	150	
16/01/2024	46.4	23.6	4.6	25.4	987	-23.91	1	17	152	
23/01/2024	23.6	15.4	8.1	52.9	996	-29.12	11	4	148	
01/02/2024	27.9	16.4	8.3	47.4	1013	-22.21	2	5	148	
07/02/2024	52.8	26	2.2	19	987	-18.87	0	10	148	
14/02/2024	8.4	4.3	15.1	72.2	989	22.31	5	2	20	
20/02/2024	26.2	13.7	8.9	51.2	1003	6.67	4	4	0	awaiting flare ignition cable
27/02/2024	42.5	24.2	0.9	32.4	1001	2.34	7	1	0	awaiting flare ignition cable
05/03/2024	59.8	28.3	1.1	10.8	992	-13.86	1	12	108	
12/03/2024	45	23.5	2.8	28.7	986	-28.3	0	6	152	
19/03/2024	35.2	17	8.7	39.1	993	-34.53	1	7	159	
25/03/2024	54.5	27.5	0.9	17.1	980	-22.95	1	35	154	

Stoney Hill Landfill Site
Perimeter Gas Monitoring Data, January to March 2024

Sample Point	Date	Methane (%v/v)	Carbon Dioxide (%v/v)	Oxygen (%v/v)	Balance Gas (%v/v)	Barometric Pressure (mbar)	Relative Pressure (mbar)	Carbon Monoxide (ppm)	Hydrogen Sulphide (ppm)
M1	12/01/2024	0	0.1	20.3	79.6	1019	-0.15	0	1
M1	12/02/2024	0	0.1	19.7	80.2	985	0.05	0	1
M1	08/03/2024	15.7	7.5	14.4	62.4	991	-0.07	0	1
M11	12/01/2024	0	0.1	19.8	80.1	1020	-0.17	0	1
M11	12/02/2024	0	0.1	19.8	80.1	986	-0.15	0	1
M11	08/03/2024	0	2.6	17.5	79.9	991	0.02	0	1
M13	12/01/2024	0	3.5	17.4	79.1	1020	-11.64	0	1
M13	12/02/2024	1.1	23.1	4.3	71.5	987	-8.5	0	1
M13	08/03/2024	0.6	10.9	11.8	76.7	992	2.22	0	1
M16	12/01/2024	0	0.2	20	79.8	1020	-0.15	0	1
M16	12/02/2024	0	13.5	11.1	75.4	986	-1.69	0	1
M16	08/03/2024	0	3.3	18.1	78.6	991	-0.02	0	1
M18	12/01/2024	0	5.7	3.1	91.2	1020	-0.14	0	1
M18	12/02/2024	0	5.4	2.1	92.5	987	1.18	0	1
M18	08/03/2024	0	5	4.9	90.1	992	-0.05	0	0
M18D	12/01/2024	0	0.3	19.8	79.9	1020	-0.53	0	1
M18D	12/02/2024	0	0.3	19.1	80.6	987	-1.15	1	1
M18D	08/03/2024	0	0.3	19.5	80.2	992	1.45	0	1
M20	12/01/2024	0.4	1	19.3	79.3	1020	-0.09	0	1
M20	12/02/2024	0	0.1	19.9	80	987	-0.03	0	1
M20	08/03/2024	4	4.3	16.1	75.6	992	-0.02	0	1
M20D	12/01/2024	0	0.1	20.3	79.6	1021	-0.09	0	1
M20D	12/02/2024	0	0.1	19.9	80	987	0.07	0	1
M20D	08/03/2024	0	0.1	20.2	79.7	992	-0.07	0	0
M21	12/01/2024	0	0.1	20.3	79.6	1019	-0.07	0	1
M21	12/02/2024	0	0.1	19.7	80.2	986	-0.03	0	1
M21	08/03/2024	0	0.1	20.5	79.4	991	-0.19	0	1
M22	12/01/2024	11.8	10.4	2.8	75	1019	-10.52	0	1
M22	12/02/2024	0	0.2	19.8	80	986	-6.31	0	1
M22	08/03/2024	36.8	16.6	2.5	44.1	992	0.6	0	1
M22D	12/01/2024	9.1	8.1	13.7	69.1	1020	-0.1	0	1
M22D	12/02/2024	11	10.7	13.1	65.2	986	-0.56	0	1
M22D	08/03/2024	19	21.4	2.1	57.5	991	0	0	0
M23	12/01/2024	34.5	37.3	2.5	25.7	1019	-0.39	0	1
M23	12/02/2024	34.9	36.4	2.1	26.6	985	-8.98	1	1
M23	08/03/2024	34.3	34.6	2.3	28.8	991	6.42	0	1
M23D	12/01/2024	28.3	37	0.2	34.5	1019	-0.07	0	1
M23D	12/02/2024	27.5	36.5	0.6	35.4	986	-1.49	0	1
M23D	08/03/2024	23.1	30.8	4.7	41.4	992	0.75	0	1
M24	12/01/2024	0	9.9	10.8	79.3	1019	-47.28	0	1
M24	12/02/2024	0	11.8	6.2	82	986	3.3	0	1
M24	08/03/2024	0	9.3	15.1	75.6	991	1.64	0	1
M24D	12/01/2024	29.3	30.2	2.7	37.8	1019	0.21	0	1
M24D	12/02/2024	31.7	31.9	1.7	34.7	986	-1.92	0	1
M24D	08/03/2024	25.2	28.7	2.9	43.2	991	0.41	0	1
M3	12/02/2024	0	1.4	19.3	79.3	985	0.09	0	1
M32	12/01/2024	0.8	0.6	18.4	80.2	1019	-0.12	0	2
M32	12/02/2024	0.1	0.2	19.8	79.9	986	0	0	1
M32	08/03/2024	4.3	2.2	19	74.5	992	0	0	2
M32D	12/01/2024	0	0.1	19.7	80.2	1020	-0.03	0	1
M32D	12/02/2024	0	0.1	19.9	80	986	0	0	1
M32D	08/03/2024	0	0.1	20.3	79.6	992	0.02	0	1
M37	12/02/2024	0	0.1	20	79.9	986	0	0	1
M5	12/02/2024	0.9	3	17.5	78.6	986	0.27	1	1
M6	12/01/2024	4.6	5.7	17.9	71.8	1020	-0.41	0	1
M6	12/02/2024	13.4	16.6	12.2	57.8	985	0.02	0	1
M6	08/03/2024	37.9	46.7	4.2	11.2	992	0.07	0	1
M6D	12/01/2024	6.6	29.9	9.1	54.4	1020	-0.22	0	1
M6D	12/02/2024	11.5	49.2	2.3	37	986	0.51	0	1
M6D	08/03/2024	0.1	0.4	20.2	79.3	992	-0.03	0	1
M10	12/02/2024	0	2.2	18.5	79.3	985	-0.48	0	1
M12	12/02/2024	0	0.1	19.6	80.3	985	0.03	0	1
M15	12/02/2024	0	0.2	19.1	80.7	986	0.02	0	1
M17	12/02/2024	0	0.2	19.5	80.3	987	0.24	0	1
M19	12/02/2024	18.6	16.1	3.2	62.1	987	-2.41	0	1
M34	12/02/2024	0	0.1	20.1	79.8	986	-0.29	0	1
M34D	12/02/2024	0	0.1	20.2	79.7	986	-0.31	0	1
M35	12/02/2024	0	0.1	20.2	79.7	986	-0.02	0	1
M36	12/02/2024	0	0.1	20.1	79.8	987	-0.02	0	1
M7	12/02/2024	0	0.1	20	79.9	987	-0.02	0	1
M7D	12/02/2024	0	3.6	18.3	78.1	986	-0.09	0	1
M8	12/02/2024	0	5.4	19.1	75.5	986	0.14	0	1
M9	12/02/2024	0	0.8	19	80.2	986	-0.09	0	1
M9D	12/02/2024	0	0.6	19.7	79.7	986	0.02	0	1
M15D	12/02/2024	0	0.2	19.4	80.4	986	0	0	1

Stoney Hill Landfill Site										
Onsite Gas Monitoring Data, January to March 2024										
Sample Point	Date	Methane (%v/v)	Carbon Dioxide (%v/v)	Oxygen (%v/v)	Balance Gas (%v/v)	Barometric Pressure (mbar)	Relative Pressure (mbar)	Carbon Monoxide (ppm)	Hydrogen Sulphide (ppm)	
GEW1	02/01/2024	68.5	28.4	2.2	0.9	965	-13.09	0	41	
GEW1	05/03/2024	66.5	26.3	1.5	5.7	992	0.31	0	46	
GEW2	02/01/2024	30.7	16.2	11.1	42	964	-20.98	0	18	
GEW2	05/03/2024	6.5	5	15.4	73.1	993	-27.7	0	3	
GEW3	02/01/2024	37.9	14.6	11.1	36.4	964	-19.35	1	25	
GEW3	05/03/2024	37.2	15.1	9.8	37.9	991	-23.77	0	4	
GEW4	02/01/2024	64.9	34.1	2	0	963	-20.33	1	7	
GEW4	05/03/2024	64.2	33.4	2.7	0	992	-29.86	2	10	
GEW5	02/01/2024	62.2	31.4	3.7	2.7	963	-21.53	1	12	
GEW5	05/03/2024	64.6	31.2	2.7	1.5	992	-30.32	0	18	
GEW6	02/01/2024	62	34.4	2.5	1.1	964	-22.01	2	47	
GEW6	05/03/2024	60.2	32.8	2.8	4.2	992	-31.37	1	19	
IC107	02/01/2024	65.7	35.8	1.1	0	963	-24.5	0	22	
IC107	05/03/2024	65	34.2	2.7	0	993	-36.07	1	24	
IC108	02/01/2024	69.6	29	3	0	963	-24.32	0	3	
IC108	05/03/2024	60	28.1	4.1	7.8	992	-36.11	1	14	
IC109	02/01/2024	46.8	25.1	7.1	21	962	-23.87	0	11	
IC109	05/03/2024	45.3	23.9	6.8	24	993	-35.92	0	11	
IC112	02/01/2024	69.7	32	1.3	0	963	-23.22	1	17	
IC112	05/03/2024	69.6	31.1	2.2	0	992	-34.38	1	16	
IC113	02/01/2024	66.7	34.9	2.2	0	963	-23.14	0	12	
IC113	05/03/2024	67.4	33.4	1.6	0	992	-33.63	1	5	
IC116	02/01/2024	67.3	34.3	1.9	0	964	-22.81	0	20	
IC116	05/03/2024	44.8	23.1	6.9	25.2	992	-32.89	0	15	
IC127	02/01/2024	68.5	32.7	2.1	0	963	-23.46	1	36	
IC127	05/03/2024	62.4	30.2	2.8	4.6	992	-34.65	1	21	
IC128	02/01/2024	67.3	34.1	2.4	0	963	-23.26	0	24	
IC128	05/03/2024	66.5	33	2.6	0	992	-34.24	0	27	
IC129	02/01/2024	11	9.9	9.4	69.7	964	25.5	2	0	
IC129	05/03/2024	5.7	7.8	11.5	75	992	-0.46	1	2	
IC130	02/01/2024	68.4	33.2	1.9	0	963	-22.72	1	21	
IC130	05/03/2024	39.5	19.6	9.2	31.7	992	-32.89	0	6	
IC133	02/01/2024	72.7	21.2	2.6	3.5	965	-16.53	1	7	
IC133	05/03/2024	52.6	17.9	6.2	23.3	992	-16.46	0	2	
IC14	02/01/2024	60.5	30.7	1.4	7.4	964	-21.3	0	7	
IC14	05/03/2024	65	30.6	1.7	2.7	992	-29.33	0	7	
IC158	02/01/2024	24.9	4.6	14.6	55.9	964	-18.43	1	4	
IC158	05/03/2024	0.7	0.6	19.6	79.1	992	-0.05	0	1	
IC159	02/01/2024	70.9	30.3	1.2	0	964	-21.37	0	11	
IC159	05/03/2024	67.7	29.7	1.6	1	992	-29.57	0	24	
IC16	02/01/2024	27.9	6.2	12.1	53.8	963	-0.07	2	0	
IC16	05/03/2024	24.9	5.7	11.8	57.6	992	0.1	2	2	
IC21	02/01/2024	71.5	28.7	2.4	0	965	-19.66	0	18	
IC21	05/03/2024	56	25.4	3.1	15.5	992	-17.25	1	33	
IC44	02/01/2024	5.8	2.9	20.5	70.8	963	-23.82	0	1	
IC44	05/03/2024	58.8	28.5	4.7	8	993	-35.44	0	12	
IC68	02/01/2024	55.9	20.2	3.1	20.8	964	-21.72	0	12	
IC68	05/03/2024	48	20.3	4.7	27	992	-29.84	0	10	
IC75	02/01/2024	73.2	27.6	2.4	0	962	-24.64	0	1	
IC75	05/03/2024	69.3	31	2.5	0	993	-37.32	0	28	
IC77	02/01/2024	0.4	1.4	20.6	77.6	962	-0.58	4	1	
IC77	05/03/2024	0.3	1.5	18.4	79.8	992	-0.05	3	2	
IC85	02/01/2024	68.5	33	3	0	963	-24.26	0	39	
IC85	05/03/2024	67.1	32	3.1	0	993	-35.61	0	36	
IC87	02/01/2024	0.5	8.9	11.3	79.3	963	4.31	0	0	
IC87	05/03/2024	0.4	5.6	15.4	78.6	992	-0.03	0	2	
IC88	02/01/2024	70.2	31.6	2.3	0	963	-23.2	1	23	
IC88	05/03/2024	67.8	31.1	2	0	992	-34.5	3	7	
IC94	02/01/2024	68.4	33.4	1.9	0	963	-24.56	1	15	
IC94	05/03/2024	68.5	32.5	1.7	0	993	-36.48	0	17	
IC97	02/01/2024	67.9	25.5	3.2	3.4	963	-23.48	0	15	
IC97	05/03/2024	63.3	21	3.6	12.1	992	-34.58	0	15	
VP45	02/01/2024	25.1	7.2	4	63.7	962	0.02	0	96	
VP45	05/03/2024	52	21.3	2.7	24	992	0.21	0	26	
VP64	02/01/2024	67.8	33.9	3	0	963	-24.64	1	52	
VP64	05/03/2024	67.3	32.9	1.8	0	993	-36.6	2	8	
W1	02/01/2024	3.9	4.9	10.7	80.5	963	10.83	0	0	
W1	05/03/2024	3.1	2.8	14.9	79.2	992	0.07	0	1	
W11	02/01/2024	69	32.5	1.5	0	963	-20.65	0	4	
W11	05/03/2024	68.3	32	1.3	0	992	-28.73	0	4	
W12	02/01/2024	62.5	26.6	4.4	6.5	963	-23	1	10	
W12	05/03/2024	58.7	26.5	4.1	10.7	993	-33.8	1	6	
W13	02/01/2024	5.3	8.4	9.4	76.9	963	15.02	1	0	
W13	05/03/2024	8.4	7.8	11.6	72.2	992	-7.15	1	2	
W14	02/01/2024	67.9	31.4	1.6	0	963	-22.28	0	71	
W14	05/03/2024	68.4	29.4	2.5	0	992	-32.34	0	48	
W15	02/01/2024	0.2	0.5	21.7	77.6	964	-0.27	1	0	
W15	05/03/2024	0.3	0.8	19.1	79.8	992	0	1	2	
W16	02/01/2024	68.1	33.2	2.6	0	963	-22.69	0	19	

Sample Point	Date	Methane (%v/v)	Carbon Dioxide (%v/v)	Oxygen (%v/v)	Balance Gas (%v/v)	Barometric Pressure (mbar)	Relative Pressure (mbar)	Carbon Monoxide (ppm)	Hydrogen Sulphide (ppm)
W16	05/03/2024	67	31.4	5	0	993	-32.8	0	15
W17	02/01/2024	67.7	29.6	2.7	0	964	-22.5	0	58
W17	05/03/2024	66.6	31.9	2.5	0	993	-32.5	0	29
W18	02/01/2024	57.7	30.5	4.4	7.4	964	-22.91	1	14
W18	05/03/2024	61.8	30.4	3.8	4	993	-33.76	2	11
W19	02/01/2024	70.2	31	2.6	0	963	-23.68	0	134
W19	05/03/2024	68.4	32.1	2.5	0	993	-35.01	1	41
W2	02/01/2024	67.6	28.9	2.3	1.2	964	-20.81	0	9
W2	05/03/2024	64.7	28.1	2.7	4.5	992	-28.58	0	7
W20	02/01/2024	68.4	30.4	0.9	0.3	963	-23.92	0	27
W20	05/03/2024	69.5	30.6	1.7	0	992	-35.2	0	29
W21	02/01/2024	14.2	6.5	10.4	68.9	963	3.35	2	0
W21	05/03/2024	14.5	6.4	8.9	70.2	992	0.38	1	2
W22	02/01/2024	65.1	22.7	3.1	9.1	963	-24.49	0	52
W22	05/03/2024	65.8	28.5	2.2	3.5	993	-36.19	0	41
W23	02/01/2024	63.1	20.4	3.2	13.3	963	-24.5	1	19
W23	05/03/2024	50	25.7	5	19.3	993	-36.79	1	5
W3	02/01/2024	56.1	28.2	1.7	14	964	-5.34	1	9
W3	05/03/2024	39.4	25.2	1.9	33.5	992	-16.86	1	9
W4	02/01/2024	64.7	31.9	0.5	2.9	964	-20.91	0	19
W4	05/03/2024	0.5	0.4	18.9	80.2	992	10.54	0	0
W5	02/01/2024	72.3	26.2	1.3	0.2	965	0.12	0	9
W5	05/03/2024	52.5	23.5	2.2	21.8	992	0.05	0	11
W6	02/01/2024	73.3	25.5	2.2	0	963	-20.71	0	61
W6	05/03/2024	73.4	23.5	1.3	1.8	991	-26.92	0	110
W7	02/01/2024	1	3.2	3.6	92.2	964	0.27	0	0
W7	05/03/2024	0.3	3.3	2.2	94.2	992	-8.95	0	1
W8	02/01/2024	60.2	30.2	2.4	7.2	964	-21.32	1	16
W8	05/03/2024	64.8	28.7	1.2	5.3	992	-28.65	1	17
W9	02/01/2024	63.2	31	2.5	3.3	963	-18.64	0	22
W9	05/03/2024	46.9	27.2	2.1	23.8	992	-28.08	0	21

Stoney Hill Landfill Site
Leachate Dips, January to March 2024

Sample Point	Date	Dip to Leachate (m)	Dip to Base (m)
GEW1	03/01/2024	11.59	17.00
GEW1	01/02/2024	17.00	12.40
GEW1	05/03/2024	12.26	17.00
GEW2	03/01/2024	11.2	14.16
GEW2	01/02/2024	14.2	10.85
GEW2	05/03/2024	12.46	14.2
GEW3	03/01/2024	13.1	16.45
GEW3	01/02/2024	16.45	12.85
GEW3	05/03/2024	13.19	16.45
GEW4	03/01/2024	9.99	11.85
GEW4	01/02/2024	11.85	9.71
GEW4	05/03/2024	8.11	11.85
GEW5	03/01/2024	6.42	12.48
GEW5	01/02/2024	12.5	8.31
GEW5	05/03/2024	7.99	12.5
GEW6	03/01/2024	7.3	11.13
GEW6	01/02/2024	11.15	7.36
GEW6	05/03/2024	7.66	11.15
W1	03/01/2024	5.92	8.28
W1	01/02/2024	13.5	12.9
W1	05/03/2024	6.95	8.3
W11	03/01/2024	12.95	13.5
W11	01/02/2024	13.5	12.9
W11	05/03/2024	12.84	13.5
W13	03/01/2024	3.5	5.9
W13	01/02/2024	5.9	3.46
W13	05/03/2024	4.19	5.9
W14	03/01/2024	3.35	5.35
W14	01/02/2024	5.35	3.22
W14	05/03/2024	5	5.35
W15	03/01/2024	6.52	8.25
W15	01/02/2024	3.9	1.65
W15	05/03/2024	2.21	3.9
W17	03/01/2024	3.7	5.74
W17	01/02/2024	5.8	3.42
W17	05/03/2024	3.45	5.8
W19	03/01/2024	6.57	7.54
W19	01/02/2024	7.5	4.99
W19	05/03/2024	5.14	7.5
W1A	03/01/2024	4.4	10.9
W1A	01/02/2024	10.9	5.8
W1A	05/03/2024	10.9	6.17
W2	03/01/2024	4.87	7.67
W2	01/02/2024	7.7	5.32
W2	05/03/2024	7.7	6.02
W20	03/01/2024	9.77	11.52
W20	01/02/2024	11.5	9.1
W20	05/03/2024	9.46	11.5
W23	03/01/2024	3.4	7.35
W23	01/02/2024	7.35	3.47
W23	05/03/2024	3.86	7.35
W4	03/01/2024	8.8	11.3
W4	01/02/2024	11.3	6.46
W4	05/03/2024	7.52	11.3
W5	03/01/2024	6.52	8.25
W5	01/02/2024	8.25	7.19
W5	05/03/2024	7.12	8.25
W8	03/01/2024	3.4	6.2
W8	01/02/2024	6.2	3.11
W8	05/03/2024	3.84	6.2