

Extraction Wells GA5000 Readings and Comments – Hafod Landfill 15.02.2018

Monitor ID	Date Taken	CH4 %	CO2 %	O2 %	Balance	Diff mBar	CO ppm	H2S ppm	Comments
Inlet to GUP	15/02/2018	55.7	36.6	0.9	6.7	-129.2	43	19	Flow 860 m³. Flare temp 974 °C
HF00W072	15/02/2018	60.8	40.3	0.5	0.0	-54.46	12	4	
HF00W073	15/02/2018	55.1	46.0	0.8	0.0	-0.69	68	32	Closed at manifold due to blockage
HF00W074	15/02/2018	55.7	41.2	0.7	2.5	-1.5	17	31	Blocked
HF00W086	15/02/2018	59.8	41.8	0.1	0.0	-0.45	8	288	Just cracked open at manifold
HF00W077	15/02/2018	59.0	42.4	0.1	0.0	-0.9	40	31	
LC3	15/02/2018	66.9	34.6	0.3	0.0	-22	2	9	
HF00W076	15/02/2018	41.3	38.3	0.5	19.9	-1	20	7	
HF00W075	15/02/2018	49.2	30.8	0.0	11.9	-1	81	20	
HF00W085	15/02/2018	49.8	36.4	2.0	11.7	-30	17	30	
HF00W084	15/02/2018	58.8	39.4	0.8	1.0	-0.7	12	7	
HF00W083	15/02/2018	56.1	38.5	0.5	5.0	-0.76	9	5	
HF00W081	15/02/2018	56.0	35.5	1.4	6.1	-13	7	2	
HF00W080	15/02/2018	-	-	-	-	-	-	-	No access, due to be lifted
HF00W079	15/02/2018	61.0	40.7	0.3	0.0	+1.5	8	5	
HF00W078	15/02/2018	56.7	40.6	0.8	1.8	-2.8	13	2	
HF00W087	15/02/2018	59.7	42.7	0.0	0.0	-0.78	19	16	

Fugitive Emissions Readings and Comments – Hafod Landfill 15.02.2018

Monitor ID	Date	CH ₄ (ppm)	Comments
HF00W072	15/02/2018	7000	At base of well
LMP4B	15/02/2018	1800	At base of concrete rings
HF00W073	15/02/2018	18	At base of well
LMP004	15/02/2018	850	From hole on side
LMP004	15/02/2018	140,000	From base of well
Toe of Cell 4 batter	15/02/2018	550	Above hole with leachate outbreak and landfill gas bubbling through
		6000	Above hole with leachate outbreak and landfill gas bubbling through
		201,000	Above hole with leachate outbreak and landfill gas bubbling through
		260,000	Above hole with leachate outbreak and landfill gas bubbling through
		1000	Ambient concentration detected at eastern end of cell 4 batter
Blank ended well close to HF00W086	15/02/2018	220,000	At base of well
HF00W076	15/02/2018	4300	At base of well
LC3	15/02/2018	85,000 – 160,000	At base of well
HF00W084	15/02/2018	57,000	At base of well
HF00W079	15/02/2018	430,000	At base of well
HF00W078	15/02/2018	2000	At base of well
HF00W087	15/02/2018	50	At base of well