ASSESSMENT MONITORING

Landfill Gas Measurements Field Worksheet Francis Farm Landfill - Permit #44-03 Haywood County, North Carolina	Field Calibration Gas Type & Canister Expiration Date		
	CH_4	50%	May-15
	CO_2	35%	May-15
	O_2	4%	Jun-15

Name of Person Taking Readings: Randal Siske, Environmental Coordinator
Weather Conditions: Fair 49% Humidity
Gas Monitoring Equipment: Land-Tec GEM 2000+
Factory Calibration Date: March 19, 2014
Pump Rate Flow: 300 cc/min Vacuum: 70 inches H_20

Date: October 28, 2014
Ambient Temp: 71° **Barometric Pressure:** 27.32 Hg
Serial #: 11944
Field Calibration Date/Time : October 28, 2014 1300

Well ID	Sample Tube Purge (> 60sec)	Stable Reading	Time Pumped (sec)	Time	%LEL	%CH_4	%CO_2	%O_2	Baro Press	Notes:
MM-1	Y	Y	240	14:28:00 PM	1274.0	63.7	35.4	0.0	27.32	
MM-2	Y	Y	180	14:33:00 PM	1232.0	61.6	37.3	0.0	27.32	
MM-3	Y	Y	240	14:41:00 PM	1102.0	55.1	39.5	0.1	27.32	Cover hasp difficult to open/close
MM-4	Y	Y	360	14:52:00 PM	596.0	29.8	26.2	0.0	27.32	
MM-5	Y	Y	180	14:56:00 PM	0.0	0.0	2.6	19.2	27.32	
MM-6	Y	Y	300	15:06:00 PM	270.0	13.5	12.4	0.0	27.32	
MM-7	Y	Y	240	14:05:00 PM	0.0	0.0	5.5	15.8	27.32	
MM-8	Y	Y	240	13:58:00 PM	0.0	0.0	4.1	17.6	27.32	
MM-9	Y	Y	240	13:46:00 PM	0.0	0.0	3.6	18.4	27.32	
MM-10	Y	Y	240	13:33:00 PM	0.0	0.0	10.5	12.0	27.32	
MM-11	Y	Y	210	13:25:00 PM	702.0	35.1	30.4	0.1	27.32	
MM-12	Y	Y	210	13:18:00 PM	1256.0	62.8	37.1	0.0	27.32	
MM-13	Y	Y	240	13:06:00 PM	0.0	0.0	11.3	8.5	27.32	
SM-1a	Y	Y	120	14:12:00 PM	0.0	0.0	0.0	20.6	27.32	
SM-1b	Y	Y	120	14:09:00 PM	0.0	0.0	0.0	20.6	27.32	Garage door open.
SM-1c	Y	Y	120	14:16:00 PM	0.0	0.0	0.0	20.6	27.32	Garage door open.
SM-2	Y	Y	120	13:50:00 PM	0.0	0.0	0.0	20.5	27.32	Garage door open.
SM-3	Y	Y	120	13:38:00 PM	0.0	0.0	0.0	20.6	27.32	
MW-12	Y	Y	120	13:41:00 PM	0.0	0.0	0.0	20.4	27.32	

Note: If methane gas readings exceed 25% of LEL in structures or 100% of LEL in probes contact Haywood County Solid Waste Director immediatley at 828-400-3544.