

**TABELLA 8
 PROVA RESPIROMETRICA - AREA 8**

Test Start: 14.30

TIME FROM TEST		(min)	0	5	10	15	20	30	45	60	1110
VEP 3	O2	(%)	15.3	14.7	13.4	6.0	4.8	3.1	2.4	2.3	4.1
	CO2	(%)	5.6	6.3	7.4	10.2	11.8	13.6	14.4	14.6	12.2
	CH4	(%)	83.5	98.0	>100	>100	>100	>100	>100	>100	>100
	VOC	(ppm)	890	1004	1135	1172	1137	749	608	890	887

(considering P=1atm; soil porosity = 20%; soil specific gravity = 1.440 Kg/mc; T =288 °K)

NESTY	Ko2 %O2/min	Ko2 %O2/ore	K	Media
			mg Hexane/Kg soil/day	mg Hexane/Kg
VEP3	0.32680	19.6080	250.394	250.394

Biodegradation

$$250.394 \quad * \quad 0.03125 \quad * \quad 1.587.000 \quad = \quad 12.4$$

mg Hexane days kg soil kg Hexane
 kg soil * day

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GRAFICO 5
PROVA RESPIROMETRICA - AREA 8
VEP 3 - Variazione concentrazione O2

