

Environmental Sampling III., grading the Savoya Park reports

2017. march 22.

Evaluation:

group	grade		strength	weakness
A	4/5, 4, 4	noise	Good job and synthesize of the noise	introduction of A and F weighting is missing
		gamma	Physical principle of ionizing radiation. Main natural sources. Limits and local regulations. Correct calculation results and standard deviation.	Does not include protocol of measurements. There is not a diagram or any description of the measured sites.
		electro		measurement points description
B	4/5, 4, 5	noise	U representation	explanation of F and A weighting
		gamma	Limits and local regulations. protocol of measurements Description of measured sites. Correct calculation results and uncertainty.	No explanation of physical principle of gamma radiation and its sources.
		electro	discussion	no uncertainty
C	4, 3, 5	noise	good background description of the sound and noise	uncertainty calculation sound exposure levels are missing
		gamma	Effect of ionizing radiation exposure in the human health. Sources of natural radiation explained (but it must be in the introduction not in conclusions). Correct calculation results and uncertainty.	No explanation of physical principle of gamma radiation. No references for the Limits and local regulations. No description of the measured sites. Not enough explanation of the results (Why it was higher/lower, sources, environment conditions??)
		electro	map of the measurement points discussion of the figures	
D	4, 3, 3	noise	health impact	Description of the noise (instrument + measurement + comparison with standard etc) is not continuous so it is difficult to follow the text. explanation and conclusion are too short

		gamma	Effects in human health. Description of the sampling points. Measurement protocol	Uncertainty not calculated. Not enough explanation of the results (Why it was higher/lower, sources, environment conditions??)
		electro		60 Hz (p9), tram line can be explained by many other way
E	4, 3, 3	noise	detailed and good introduction of the noise and its measurement	Uncertainty is missing. Pages are poorly edited.
		gamma	Sources of natural radiation. Effects in human health Protocol of measurement described. Standard deviation. Description of the measured sites.	No limits / regulations/ references. Annual dose for 8h/day exposure was not calculated. Discussion of the results? (Why it was higher/lower, sources, environment conditions??)
		electro	long introduction	data discussion, description of points
F	1/2	noise		very short description explanation, conclusion and Uncertainty is missing
		gamma		short
		electro		no discussion