

Review of: "Regulatory Compliance of PCDD/F Emissions by a Municipal Solid Waste Incinerator: A Case Study in Sant Adrià de Besòs, Catalonia, Spain"

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Potential competing interests: No potential competing interests to declare.

Regulatory Compliance of PCDD/F Emissions by a Municipal Solid Waste Incinerator: A Case Study in Sant Adrià de Besòs, Catalonia, Spain

by Jose L Domingo, Marti Nadal, Joaquim Rovira

The paper brings beneficial information on a health risk for the community because of emissions of polychlorinated dibenzo-p-dioxins and dibenzofurans from the municipal solid waste incinerator in Sant Adrià de Besòs, Catalonia, Spain.

The authors showed a long year of experience in monitoring and analyzing air, soil, and herbage pollution.

My suggestions to improve the paper are as follows:

- There are other industrial facilities in the area contributing to environmental pollution. Although the reduction in air emissions was because of some new installations, the MSWI had a positive effect on soil and herbage; soil and herbage pollution cannot be attributed to the MSWI only. The other industry in the area should be mentioned.
- There are missing references, e.g., to EU legislation, and NATO/CCMS.
- The experimental and analytical parts are missing completely. A simple sketch of the sample points near the MSWI would be useful. Were the samples taken in one direction only? Was the prevailing wind direction taken into account?
- There is a missing legend on the vertical axis in Fig. 2.
- Table 1: How was dermal contact determined?
- Conclusions: Except for the closure of the MSWI, what could be other recommendations for other industrial facilities in the area?