

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.

This paper reported the concentrations of PCDD/Fs in samples of air, soils, and herbage in the vicinity of the MSWI of Sant Adrià de Besòs, Catalonia, Spain. Samples were collected and measurements were taken in multiple years (1998, 1999, 2000, 2001, 2005, 2014, and 2017), demonstrating a history of the plant management and PCDD/Fs emissions. Potential negative impacts on the environment and public health caused by the PCDD/Fs measurements higher than those of other MSWIs were discussed.

I like the fact that the authors made it clear that their concerns were not about the waste incineration technique, but rather the possible inappropriate management of that specific incineration plant.

I like that the authors compared the 2014 and 2017 measurements to those of other incinerators in Catalonia.

I would appreciate it if there were figures or tables summarizing the measurements in 1998-2005, as in Figure 1.

MSWI PCDD/F emissions could be dependent on the composition of the waste being combusted, and waste composition could vary along the year. Therefore, measurements in different seasons, or multiple measurements within a year, could have been more convincing.