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Comment

The paper "Degradation kinetics and mechanism of aniline by heat-assisted persulfate oxidation" (Xie et al., 2012) overlooked the literature on the Boyland-Sims Oxidation. The major product of the reaction between aniline and peroxydisulfate is aniline-o-sulfate. There already exist many detailed studies on the kinetics of the reaction, several reviews (Behrman, 1988, 2006), and a number of discussions of the mechanism (Behrman, 2014). The by-products that Xie et al. (2012) have identified are, however, a useful contribution to the literature.

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E.J. Behrman E-mail: Behrman.1@osu.edu