

## CORRECTION

[View Article Online](#)  
[View Journal](#) | [View Issue](#)



CrossMark  
click for updates

Cite this: *Environ. Sci.: Water Res. Technol.*, 2015, 1, 251

## Correction: Quantification of corrosion inhibitors used in the water industry for steam condensate treatment: the indirect electroanalytical sensing of morpholine and cyclohexylamine

Athanasios V. Kolliopoulos, Jonathan P. Metters and Craig E. Banks\*

DOI: 10.1039/c5ew90005k

[rsc.li/es-water](http://rsc.li/es-water)

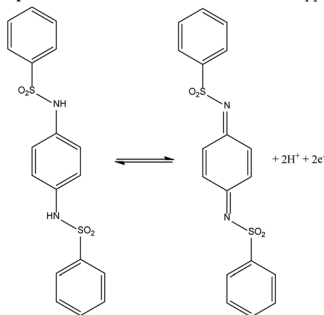
Correction for 'Quantification of corrosion inhibitors used in the water industry for steam condensate treatment: the indirect electroanalytical sensing of morpholine and cyclohexylamine' by Athanasios V. Kolliopoulos *et al.*, *Environ. Sci.: Water Res. Technol.*, 2015, 1, 40–46.

There were errors in some of the structures in Scheme 1. The corrected graphic is shown below.

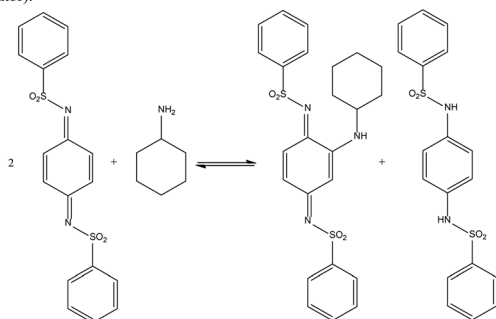
The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.



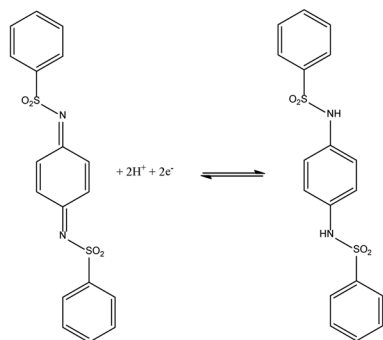
- 1) **Electrochemical step:** Electrochemical oxidation of mediator appears at +0.07 V.



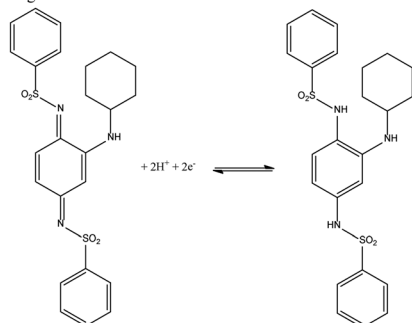
- 2) **Chemical step:** Reaction of Cyclohexylamine with the sulfonylhydrazine (oxidized form of the mediator).



- 3) **Electrochemical step:** Reduction of Sulfonylhydrazine (oxidized form of the mediator) appears at +0.01 V.



- 4) **Electrochemical step:** Reduction of the chemically formed product produces a new voltammetric signal at -0.2 V.



**Scheme 1** Proposed EC mechanism for the indirect sensing of cyclohexylamine and the various electrochemical and chemical steps involved. 1) Electrochemical step: electrochemical oxidation of mediator appears at +0.07 V. 2) Chemical step: reaction of cyclohexylamine with the sulfonylhydrazine (oxidized form of the mediator). 3) Electrochemical step: reduction of sulfonylhydrazine (oxidized form of the mediator) appears at +0.01 V. 4) Electrochemical step: reduction of the chemically formed product produces a new voltammetric signal at -0.2 V.

