

# Correction to Influence of Arsenate Adsorption to Ferrihydrite, Goethite, and Boehmite on the Kinetics of Arsenate Reduction by *Shewanella putrefaciens* Strain CN-32

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Unfortunately, an error in eq 1 was recently brought to our attention. In our article, the two-site Langmuir equation (eq 1) was given as

$$S_{eq} = \frac{K_{L1} b_{max\ 1} C_{eq}}{1 + C_{eq}} + \frac{K_{L2} b_{max\ 2} C_{eq}}{1 + C_{eq}} \quad (1)$$

However, the correct form of the two-site Langmuir equation is

$$S_{eq} = \frac{K_{L1} b_{max\ 1} C_{eq}}{1 + K_{L1} C_{eq}} + \frac{K_{L2} b_{max\ 2} C_{eq}}{1 + K_{L2} C_{eq}} \quad (2)$$

with model parameters as defined in the article. Equation 2 can be rewritten in the form:

$$S_{eq} = \frac{b_{max\ 1} C_{eq}}{1/K_{L1} + C_{eq}} + \frac{b_{max\ 2} C_{eq}}{1/K_{L2} + C_{eq}} \quad (3)$$

or

$$S_{eq} = \frac{b_{max\ 1} C_{eq}}{K_{d1} + C_{eq}} + \frac{b_{max\ 2} C_{eq}}{K_{d2} + C_{eq}} \quad (4)$$

with  $K_{d1} = 1/K_{L1}$  and  $K_{d2} = 1/K_{L2}$ , respectively.

The latter form of the two-site Langmuir eq 4 was used in all calculations and the fitted values for  $K_{d1}$  and  $K_{d2}$  were reported in Table S1 (Supporting Information). To be consistent with the article, we have now replaced the  $K_{d1}$  and  $K_{d2}$  values in Supporting Information Table S1 with the corresponding  $K_{L1}$  and  $K_{L2}$  values used in eq 2.

The error reported here had no influence on the results and conclusions of our article, since a correct form of the two-site Langmuir equation was used in all fits and model calculations.

## ■ ASSOCIATED CONTENT

**S Supporting Information.** Additional materials as noted in the text including a corrected Table S1. This material is available free of charge via the Internet at <http://pubs.acs.org>.

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