



# Correction to: Patterns and controls of mercury accumulation in sediments from three thermokarst lakes on the Arctic Coastal Plain of Alaska

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In the original publication, the incorrect GIS map projection was used to calculate lake surface areas and catchment areas that were presented in Table 1. These errors do not impact the results or interpretation in any way (they provided general context for our study area). The values of ‘Surface area, Catchment area and the Catchment to surface area ratio’ are corrected in the table as shown below.

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The original article can be found online at <https://doi.org/10.1007/s00027-017-0553-0>.

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**Table 1** Physical characteristics and summary Hg accumulation results of the three study lakes (BRW100, ATQ206, RDC312) on the Arctic Coastal Plain of Alaska; Hg accumulation trends were assessed using Mann–Kendall tests (a p value < 0.05 denotes a significant temporal trend and the Kendall's tau denotes the direction and magnitude of the relationship; McLeod 2015); catchments were delineated, and percent growth was calculated using ArcMap™10.2.2 (ESRI 2016)

	BRW100	ATQ206	RDC312
Latitude (decimal degrees)	71.24163	70.41557	69.95348
Longitude (decimal degrees)	– 156.77391	– 156.98128	– 156.63817
Surface area (km <sup>2</sup> )	1.7	1.8	0.7
Catchment area (km <sup>2</sup> )	24.0	22.8	29.9
Catchment to surface area ratio	13.7	12.8	41.0
Growth since 1948 (%)	12.7	– 0.3	5.4
Landscape type	Lake thermokarst	Lake thermokarst	Lake thermokarst
Mean Hg accumulation (µg/m <sup>2</sup> /year)	92.0	14.2	78.7
Standard deviation	36.1	3.6	68.5
Hg accumulation trend	No trend	Positive	No trend
Kendall's tau (τ)	0.28	0.42	0.61
Mann–Kendall p value	0.17	0.04	0.84