(a) Baltic Proper, C

POC input 34.97

DIC 25.33 | Sediment 132.14 | Net uptake 7.59 | Fauna 3.42 | DIC 7.64

Burial 2.72

(b) Gulf of Riga, C

POC input 54.06

DIC 36.70 | Sediment 174.56 | Net uptake 16.63 | Fauna 7.58 | DIC 16.66

Burial 3.60

(c) Baltic Proper, N

PON input 5.51

NO 1.43 | NH 0.12 | N$_2$ 2.46 | Sediment 19.85 | Net uptake 1.18 | Fauna 0.57 | NH 1.19

Burial 0.43

(d) Gulf of Riga, N

PON input 8.49

NO 2.46 | NH 0.02 | N$_2$ 3.32 | Sediment 26.19 | Net uptake 2.58 | Fauna 1.26 | NH 2.59

Burial 0.57

(e) Baltic Proper, P

POP input 0.76

Seq. 0.39 | PO 0.54 | Sediment 3.64 | Net uptake 0.17 | Fauna 0.05 | PO 0.18

Burial 0.08

(f) Gulf of Riga, P

POP input 1.18

Seq. 0.86 | PO 0.75 | Sediment 5.77 | Net uptake 0.38 | Fauna 0.11 | PO 0.38

Burial 0.13