

Revised Table 5

		A_xyz
PPP	45.45	+7.29
PAR	37.36	-5.99
PCD	2.70	-5.40
SUM_pel		-4.10
BCD	2.70	+5.40
BAR = a*Rmin	1.50	+0.21
BNIT = Rmin*16/106	1.51	-3.02
BDNF = NIT / 0.8	1.89	+1.78
BSR = (Rmin-AR-DNF)/(1+1/16)	6.22	+7.09
BPF = 0.5*p*SR	0.31	-0.31
BSO = 0.5*(1-p)*SR	2.80	-5.60
BIR = SR/16	0.04	+0.33
SUM_benthic		+5.88
SUM_all		+1.78
TOU	10.20	
RQ	1.25	
Carbon Cycle	$A_{PCD} + A_{BCD} = -5.4+5.4 = 0$	
Nitrogen Cycle	$A_{PPP} + A_{PAR} + A_{BAR} + A_{BDNF} + A_{BNIT} = 7.29-5.99+0.21+1.78$ $-3.02 = 0.27$	
Sulfur and Iron cycle	$A_{BIR} + A_{BSR} + A_{BSO} + A_{BPF} = 0.33+7.09-5.6-0.31 = 1.51$	