

Station	preNO ₃ feature	N-poor DOM rem mineralization	Residual preNO ₃ feature	Proposed attributable process		
				TEP production & rem mineralization	Bacterial nitrate uptake	Phytoplankton vertical migration
ALOHA	NPN	1–16 mmol N m ⁻² yr ⁻¹	rNPN	16–22 mmol N m ⁻² yr ⁻¹	0.0–3.4 mmol N m ⁻² yr ⁻¹	16–21 mmol N m ⁻² yr ⁻¹
	Ez PPN	2–21 mmol N m ⁻² yr ⁻¹	Ez rPPN	16–22 mmol N m ⁻² yr ⁻¹	–	27–36 mmol N m ⁻² yr ⁻¹
			% rNPN	47 %–50 %	0 %–7 %	45 %–50 %
			% Ez rPPN	37 %–41 %	–	59 %–63 %
BATS	NPN	1–14 mmol N m ⁻² yr ⁻¹	rNPN	3.2–6.0 mmol N m ⁻² yr ⁻¹	0.2–3.0 mmol N m ⁻² yr ⁻¹	43–78 mmol N m ⁻² yr ⁻¹
	Ez PPN	2–17 mmol N m ⁻² yr ⁻¹	Ez rPPN	3.2–6.0 mmol N m ⁻² yr ⁻¹	–	59–76 mmol N m ⁻² yr ⁻¹
			% rNPN	6 %–7 %	0.5 %–3.5 %	90 %–93 %
			% Ez rPPN	5 %–7 %	–	93 %–95 %