WATER COLUMN TIME SERIES PROTOCOL
Sample Processing for Nutrients
Moorea Coral Reef LTER

1. Collect unfiltered nutrient samples as described in the protocol for water column field collection.
2. Place samples in -80° C freezer immediately on return to the Gump lab
3. Return samples to Santa Barbara on dry ice or -80° C and store in a -20° C freezer until analysis in the MSI Analytical Lab.
4. Nutrients (phosphate, nitrate + nitrite, nitrite, silicate) are analyzed in the Marine Science Institute Analytical Lab using flow injection according to Johnson et al., 1985 (In Zirino, A. (Ed) Mapping strategies in chemical Oceanography. American Chemical society, Washington D.C. p. 7-30).