Spectrophotometer – Total Nitrogen (If samples for TNTplus 835 and TNTplus 839 are NOT preserved)

Total Nitrogen Results - Hach Methods 10242, 10206 and 10207, TNTplus 880, TNTplus 835 and TNTplus 839

								(A)			(B)			(C)		
Analyst	**Sample ID**	**Sample Date**	**Sample Time**	**TKN Preservation Date**	**TKN Preservation Time**	**Analysis Date**	**Analysis Time**	**Reagent TNTplus 880 0 to 16 mg/L TKN**	**Analysis Date**	**Analysis Time**	**Reagent TNTplus 835 0.23 to 13.50 mg/L NO3–N**	**Analysis Date**	**Analysis Time**	**Reagent TNT 839 0.015–0.60 mg/L NO2—N**	**Calculation**	**Total Nitrogen**
															Add A + B+C = Total Nitrogen	
															Add A + B+C = Total Nitrogen	
															Add A + B+C = Total Nitrogen	
															Add A + B+C = Total Nitrogen	
															Add A + B+C = Total Nitrogen	
															Add A + B+C = Total Nitrogen	
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															Add A + B+C = Total Nitrogen	
															Add A + B+C = Total Nitrogen	
															Add A + B+C = Total Nitrogen	
															Add A + B+C = Total Nitrogen	

If the result is outside the range for the TNTplus Reagent used, it must be analyzed again using a dilution or a TNTplus Reagent where the sample result is bracketed within the range.

TNTplus 880 samples **must** be preserved to pH < 2 using concentrated sulfuric acid. If samples for TNTplus 835 and TNTplus 839 are not analyzed immediately (within 3 hours), they must be preserved. If preserving Nitrate/Nitrite, use IDEM's Total Nitrogen, preserved samples bench sheet. All samples must be analyzed at room temperature and at a pH 7.

Created By: Kim Rohr 11/22