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## ISOLATION AND TRAITS OF AMBIENT WATER BACTERIA

cross reference:        See the table for assay of coliform in ambient water  
                              See also the protocol for single colony isolation.

What specimen was plated on the source plate?

Four distinctly different colonies on an EMB 35 C plate were circled and numbered, one lactose fermenting, and three unambiguously lactose negative. The traits were carefully recorded, and then each colony was single colony isolated on a fresh EMB plate:

Isolate	Detailed traits of original colony	Traits of colonies on single colony isolation plate	TSI reactions	Possible identity of the isolated bacterial strain
1	Lac +			
2	Lac -			
3	Lac-			
4	Lac-			