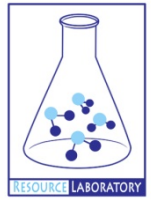




GROUNDWATER QUALITY ANALYSIS REPORT

Prey Veng - Preah Sdach - Preah Sdach (100D)



Preah Sdach is located in the district of Preah Sdach. The population of this commune is approximately 11144 (2004). Groundwater sample collection occurred in May 2007 and consisted of the sampling of 17 tube wells throughout the commune. The attached figure presents the location of Preah Sdach within Prey Veng as well as groundwater sample locations and exceedances of health-impacting contaminants (when applicable).

Groundwater Quality Rating

The groundwater quality rating for Preah Sdach is 100D. Therefore, the general safety of deep aquifer groundwater is excellent and the aesthetic quality of the water is satisfactory, according to the contaminants measured and samples collected. The following two sections describe all major health and aesthetic contaminants that exceeded drinking water standards in at least one sample within the commune.

Contaminants of Potential Concern – Health

No health-impacting contaminants of concern were observed within this commune.

Contaminants of Potential Concern – Aesthetic

Turbidity - Elevated levels of Turbidity were observed within the commune. The estimated probability of encountering potentially unacceptable levels of Turbidity (>20 ntu) in tube wells is 21%, based on the observed data. Turbid or cloudy water appears unpleasant to the eye and is more likely have an unpleasant taste or odor. Turbidity can be reduced by filtration.

