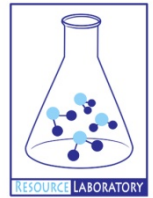




GROUNDWATER QUALITY ANALYSIS REPORT

Prey Veng - Peam Ro - Preaek Khsay Kha (100A)



Preaek Khsay Kha is located in the district of Peam Ro. The population of this commune is approximately 12971 (2004). Groundwater sample collection occurred in April 2007 and consisted of the sampling of 12 tube wells throughout the commune. The attached figure presents the location of Preaek Khsay Kha 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 Preaek Khsay Kha is 100A. Therefore, the general safety of deep aquifer groundwater is excellent and the aesthetic quality of the water is excellent, 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 3%, 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.

