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The invention relates to processes for purification of deep waters from ammonium, ammonia and hydrogen sulfide ions.

The process, according to the invention, comprises treatment of water with calcium hypochlorite in the ratio of 1...5 g per 5 liters of water, at a temperature of 15°C, mixing for 30 min and subsequent bringing of pH to 5.28...8.0, precipitation of formed calcium carbonate for 30 min, after which the clarified layer is filtered through a column with activated charcoal AG-3 at a rate of 8 m/hour.

Claims: 1

Fig.: 5