

### Carbonation of Alkaline Wastewater Solution

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Alkaline wastewater obtained from nearby polyester industry was used for effective removal of large quantity of CO<sub>2</sub> from Landfill gas. It's a very effective and economical method. Different salts of calcium, Zinc and Barium are added to the alkaline wastewater to obtain valuable carbonates at room temperature. Different properties were analyzed using state of art techniques and are discussed in detail.