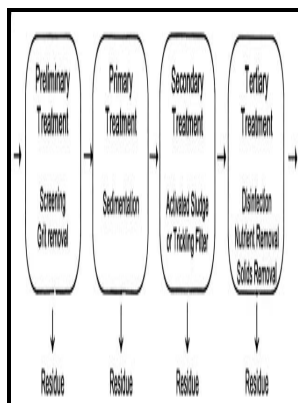


Gamma Irradiation Treatment of Secondary Sewage Effluent - A Report on A Pilot Plant Study.

s.n - Radiation processing of sewage and sludge. A review



Description: -

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Radiation processing of sewage and sludge. A review

It is not clear what chemicals will be preferred for dechlorination. Since there are very few plants in BC that produce this quality effluent, most chlorination systems are flow-paced rather than chlorine residual-paced. Materials and Methods Experiments were done in a laboratory-scale batch reactor.

Wastewater treatment using gamma irradiation: Tétouan pilot station, Morocco

A decrease was observed in TSS, BOD 5, and COD with 79%, 81%, and 85% respectively. Irradiated sewage sludge for application to cropland, results of a co-ordinated research project.

Wastewater treatment using gamma irradiation: Tétouan pilot station, Morocco

Gamma radiation can destroy microbes and organic structure. The plant system consists of sand filtration, gamma-irradiation, ozonation and ion-exchange.

Disinfection of water and wastewater of Isfahan water and wastewater treatment plants by gamma irradiation Amin MM, Hashemi H, Bina B, Hatanzadeh M, Abdellahi M

In the term of total and fecal coliforms load, the gamma ray was more effective in the effluent disinfection than in the sludge.

Wastewater treatment using gamma irradiation: Tétouan pilot station, Morocco

For the larger plants, it is not clear that those moving from chlorine gas will also abandon sulphur dioxide gas as the dechlorinating agent. This has included a comprehensive review of the current state-of-the-art methods for chlorine-based disinfection, residual chlorine control, dechlorination chemicals and procedures, and the related chlorination and dechlorination equipment used in the wastewater treatment.

A pilot plant study on reclamation of sewage effluent by radiation treatment

This disinfection method is based on exposure of water and wastewater with gamma radiation from radiant isotopes Co-60 or Cs -137.

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