**Bùn than hoạt tính và ứng dụng**

Bùn hoạt tính hay còn gọi là bùn vi sinh, là bùn được sinh ra từ hệ thống xử lý nước thải theo phương pháp sinh học. Khác biệt với bùn thải, bùn vi sinh tập hợp từ những vi sinh vật, nhiều nhất là vi khuẩn, một số còn có thêm nấm men, côn trùng, động vật nguyên sinh … tất cả gọi tắt là vi sinh vật.

Bùn hoạt tính được sử dụng khá rộng rãi trong xử lý nước thải nhằm loại bỏ các chất độc có trong nước áp dụng cho cả nước thải sinh hoạt và sản xuất (bột giấy, giấy, thực phẩm có hàm lượng chất hữu cơ cao cần phân hủy sinh học cao) nhằm đáp ứng yêu cầu về chuẩn nước thải đầu ra.

Để hiểu rõ hơn Cục Thông tin KH&CN quốc gia xin giới thiệu một số bài nghiên cứu đã được xuất bản chính thức và các bài viết được chấp nhận đăng trên những cơ sở dữ liệu học thuật chính thống.

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