

Drying Bed Odor Treatment

Introduction

Drying beds are generally used for dewatering of well digested sludges. Attempts to air dry raw sludge usually result in odor problems

Sludge drying beds provide sludge dewatering by allowing the liquid to both drain under gravity through a permeable medium on which the sludge sits, and to evaporate under ambient conditions. The sludge is spread as a thin (up to 300 mm) layer over a porous bed made up of layers of sand and gravel.

One of the potential emission sources of odorous compounds from wastewater treatment plants is sludge processing. The odorous compounds released from dewatered sludge can result in odor nuisance



Solution

Valens Company is a pioneer in the field of treating emissions and bad odors. In implementing its solutions, it relies on advanced, promising, fast, and well-established technology. It does not limit itself to mask odor but it completely eliminates it from its source. It builds in its solutions on emphasizing data, the human mind, the modernity of the machine, and alternatives to materials, and through the integration of processes, magnificent results and brilliant outputs are achieved.

Implementation

Choose alternatives and activate the alternative that achieves the following:

- 1- Complete coverage of the required surface area
- 2- Ease and simplicity of use
- 3- Possibility of application
- 4- Sustainability of results
- 5- Low costs
- 6- Environmental conformity
- 6- Quick results

Benefits

- Removes odors at source
- Reduces Volatile Organic Compounds (VOC) emissions
- 100% natural and non-toxic

Contact

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