



Further Treatment of Sewage Sludge Through Composting Process Using “Agile System”

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Received July 9, 2008; Accepted 22 July 2008

Abstract: The aim of this study is to show the possibilities of further treatment of sewage sludge produced by waste water treatment plant, as a byproduct which is one of the main ingredients of made compost.

The compost facilities built near town of Ferizaj in Kosovo treats about 5 m³ sewage sludge daily and other organic porous material such is cardboard, waste food, chopped wood, straw etc. using “agile system” which is able to produce the compost ready-to use to the soil within 6-9 weeks.

Such of compost is used to prevent land erosion and improves water holding capacity and at the same time serves as a fertilizer for the plants.

Kosovo is generated about 2 million kg trash on daily bases, where 30-35 percent of that is organic (biodegradable) matter, which could be as a solid base for building new capacities of composting facilities.

Key words: *Compost, sludge, organic matter*

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