

A Landfill in Samutprakan use EM to Suppress the Foul Odour

The company's name:	Tor Saengchai Co. Ltd.
Managing director:	Mr. Punya Tungdenchai
Location:	Praekkasa sub district. Muang District, Samutprakan province.
Size of land:	130 rai (20.8 ha)
Period of times:	5 years and 5 months (Today is 30 July 2001)
Period of using EM:	5 months
Quantity of garbage/day:	1,000 tons
Problems before using EM:	5 years ago, The people who leave nearby made a complaints to Samutprakan governor for the foul odour from the garbage dump site. There were a lot of flies on the fresh garbage. There was nothing to suppress the foul odour.
EM application:	2 times/day at 10 am and 4 pm
Quantity of EM/time:	10,000 L
How to apply EM:	Spraying on the fresh garbage from a tank truck of EM diluted solution
Results of EM:	EM can suppress the smell 70% with in 30 minutes. The flies reduce more. The foul odour occurs after 12 hours. So he adds 1L of clean drop in extended EM container (200 L container). The smell absolutely is suppressed after adding the clean drop. One litre of clean drop is 220 Baht.

Extended EM preparation:	EM	L 1
	Molasses	L 1
	Water	18 L

Mix well and leave it 7 days before use. Dilute extended EM at the rate of 1:100 before spraying on the fresh garbage. Five hundred kg of Bokashi is added in the pond of water which is the effluent from garbage pile weekly to suppress the smell.

Visited on 30 July 2001: Huana Shimoji & Somlak