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1 AUG 2006

KSSK-DD/BIO-GAS/2006-07/

Tele Fax No. 91-20 - 24275343 Date :

To,

M/s. United Envirotech Pvt. Ltd.
C- 203, Poonam Plaza,
Market Yard,
PUNE - 411 037.

To whom It May Concern :
Performance Report.

Sub. :-Installation of Bio-Digester on Distillery Waste.

Dear Sir,

This is to state that M/s. United Envirotech Pvt. Ltd., a Pune based company has successfully Revamped and converted our Fixed Film (Media) Bio-Digester into UASB System. Out of the two digesters one is commissioned on distillery spentwash and we are getting better COD reduction and gas generation that guaranteed. The digester is operated without dilution & for last two months average performance parameters are as follows

- 1) Quantity of feed - 240 - 250 m³/day
- 2) Organic loading rate - 7 Kg per m³/digester volume /day
- 3) COD reduction 70 -73%
- 4) CO₂ = 30-33%
- 5) CH₄ = 65-68%
- 6) Bio-Gas recovery - 0.45 - 0.50 per Kg COD reduced
- 7) Bio-Gas production - 7000 - 8000 Nm³/day.

The designed system is user - friendly and giving satisfactory results since the commissioning of the plant. The second digester is expected to be commissioned in August 2007.

We wish M/s. United Envirotech Pvt. Ltd. all the success in their future.

Thanking You,

Yours faithful



**GENERAL MANAGER
DISTILLERY DIVISION**