

SYSTEMATIC COMMERCIALIZATION OF FSM USING TECHNOLOGY AND SCIENCE



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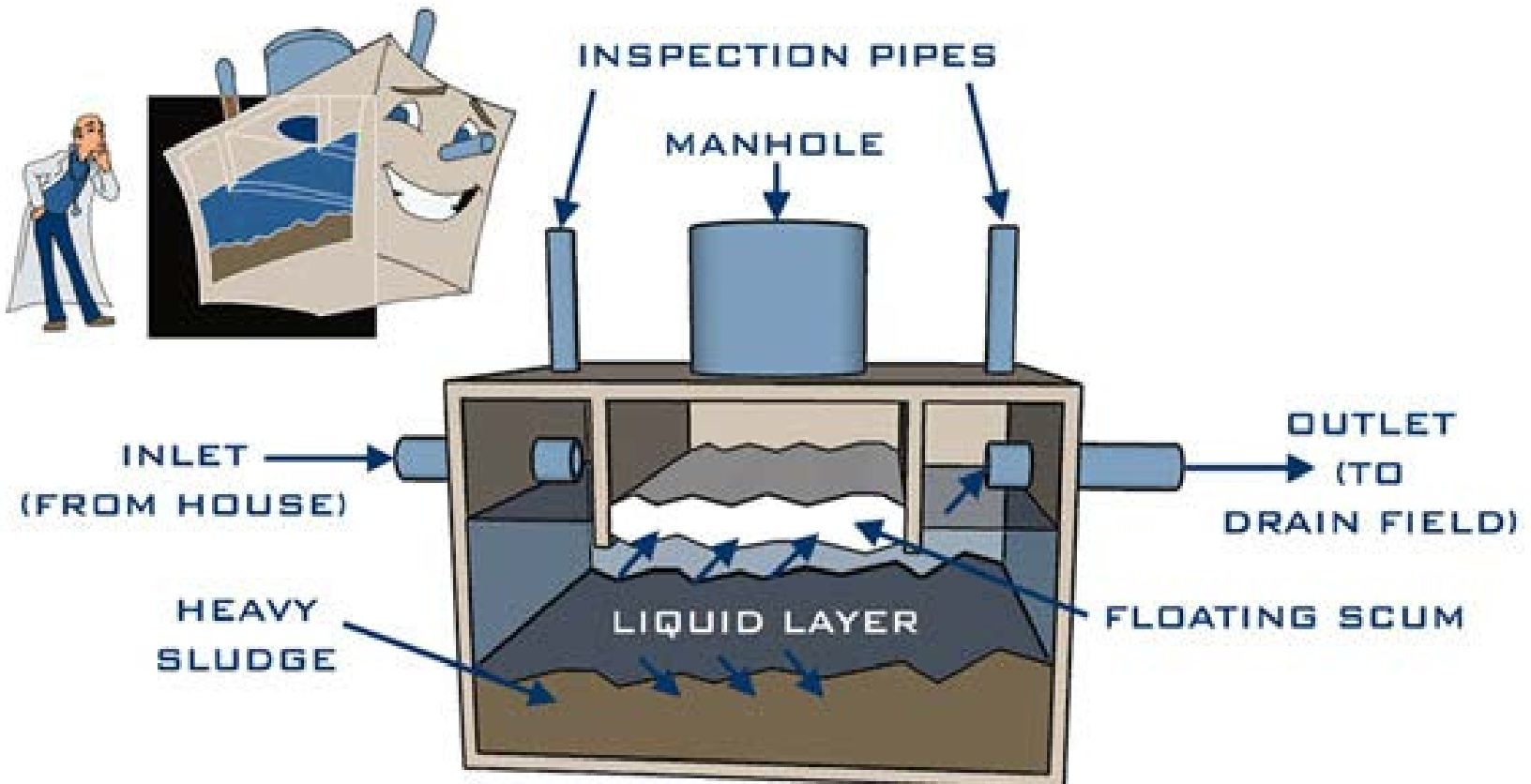




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SANITATION SOLUTIONS SIMPLIFIED

How should a septic tank be cleaned?





SANITATION SOLUTIONS SIMPLIFIED

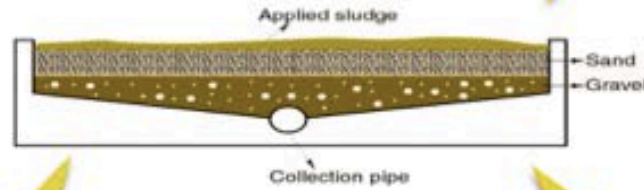
- ◆ RFID tag on septic system
- ◆ Discharge certain additive which is non chemical for reduced sludge formation
- ◆ Post collection system- either municipality or private entity will own their sludge drying beds (As per Dalberg report)
- ◆ Charge for septic cleaning would be anywhere between 35 paise per lt to 60 paise per ltr depending upon distance and disposal
- ◆ Technology application- An uber like app would be developed to encompass all these fragmented septic tank cleaners to be a part of FSM program with a B2B business proposition



Household Septic



Portable toilets



Commercial Septic



Community toilets





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SANITATION SOLUTIONS SIMPLIFIED

- ◆ PHASE 1- At the Sludge Drying Beds - Equipment to ensure that waste is septage only, waste disposal would be measured as per litre
- ◆ Proper documentation for the customer
- ◆ PHASE 2- Improved waste treatment facility with modern technology including treated water sale, Bio gas
- ◆ Option for expansion by making settling tanks and or primary treatment for Portable toilets and community toilets treatment



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DEWATS

- ◆ Allows the reuse of treated water
- ◆ Deep sewer line construction not required
- ◆ Comply to statutory standards
- ◆ No External energy required to run the system
- ◆ Treat waste water flows from 1-1000m³/ day



SANITATION SOLUTIONS SIMPLIFIED

BIGGEST ADVANTAGES

- ◆ FSM will be regulated
- ◆ There will be uniformity in pricing, safe disposal of septic waste
- ◆ Incentive for disposal,
- ◆ Every vehicle will have GPS and vehicle tracking mandatory-
fine point or dismissal of license
- ◆ Back end vigilance and App support would be provided by our
Customer care



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SANITATION SOLUTIONS SIMPLIFIED

- ◆ POLICY AND STANDARDS
- ◆ Assisting government in creating policy. Recently executed similar project for Pune International Centre

As a part of Pune International Centre we recently presented a draft sanitation policy at the Rural Development Ministry. A complete report with categories for sanitation, application, costs, best practices is presented to Hon. Union Minister of Rural Development, Panchayati Raj, Sanitation & Drinking Water- Ch Birender Singh. Rajeev Kher was one of the core committee members for guidance in designing and drafting the policy document.



THANK YOU

