

SEWAGE TREATMENT AND WATER RECYCLING



IMT MANESAR AND SURROUNDING AREAS

A REPORT BY

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Manesar area - 1750 Acres - phase 1
 Maruti - 600 Acres
 Sector 8 - 650 Acres

HSI IDC calculates water requirement at 4000 gallons / acre and 70% or 2,800 gallons will end up as sewage.

So water requirement is 8,400,000 gallons and sewage will be 5,880,000 gallons or 26,730,480 litres

This 15 MLD (Million litres per day)plant at IMT Manesar should have been able to handle the sewage, since only about 40% of the industries are running at present. Why has it been unable to? Is there an inherent fault in its design , execution and maintenance?

We must study it first and not go ahead and spend more money to add capacity and acquire 150 acres of land to create another albatross around our neck. We have all observed that large mega projects often end up as huge failures They only make money for those who commission and construct them. Small environment friendly solutions work much better and are much easier on the pocket of the public as well. They can be rectified and re-modelled as we go along .

We recommend using a less chemical and electricity intensive model of sewage treatment plants and not letting sewage travel long distances in drains that get breached on the way, Why has HSI IDC not taken us into confidence that the plant is in this state? Why are they charging us for making and running this plant when it is clear that it is a failure? Why is HSI IDC letting our groundwater and soil get contaminated under its watch? This is a breach of trust and it endangers public health and safety. This water mixes with rainwater and enters the homes and fields during the monsoon. All through the year it seeps underground in any case. Although the HSI IDC has constructed a separate rainwater drain system at a substantial cost, it too is dysfunctional.

It is time for all the stakeholders that is the rural ,urban, and industrial communities along with the administration and the HSI IDC TO GO BEYOND THEIR DUTIES AND DO THAT WHICH NEEDS TO BE DONE. .



Sewage treatment plant - 20 Acres - capacity 15 MLD
 Expandable to 30 MLD within the same area.

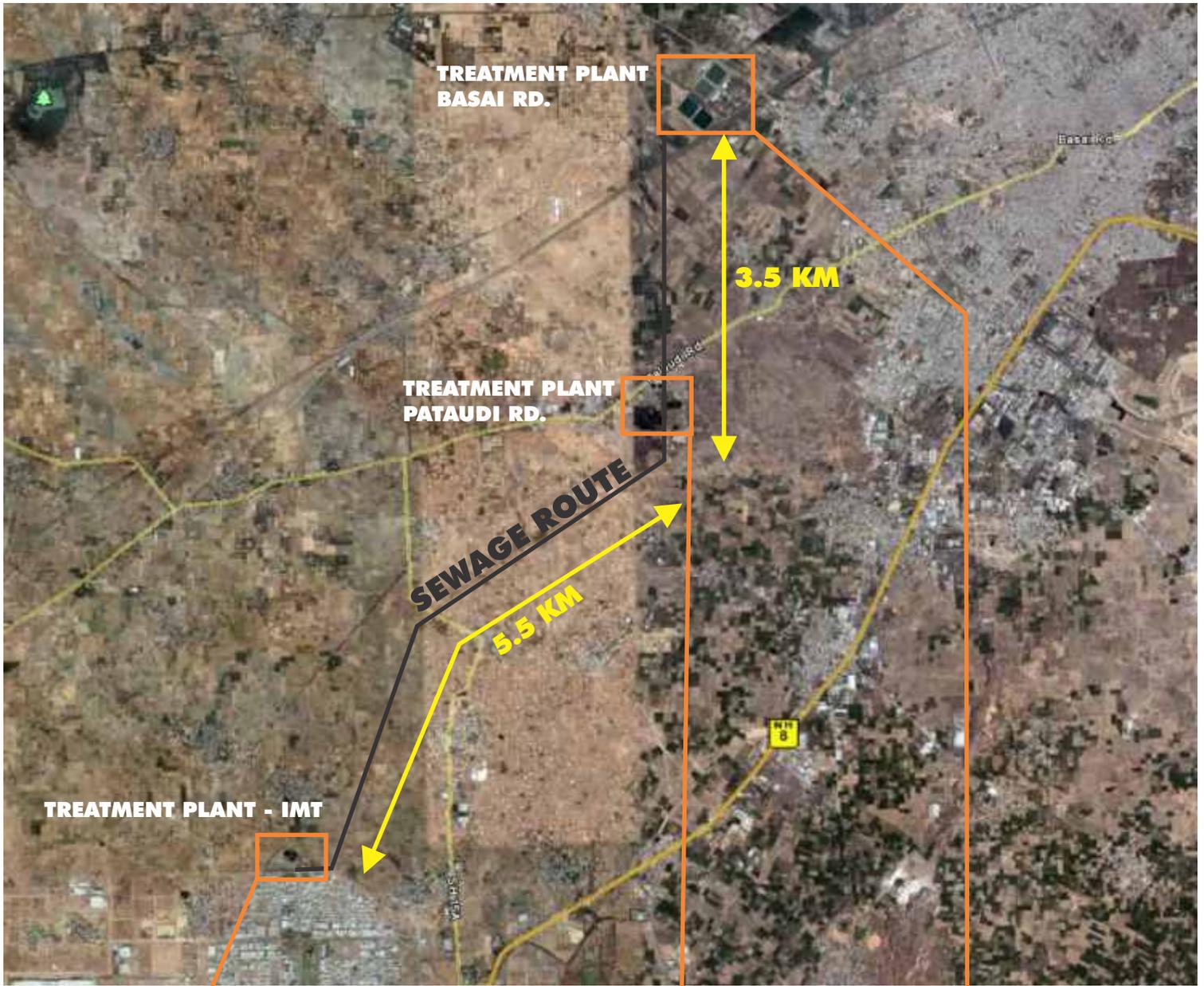
The projected MLD rate of the plant is enough to handle the sewage requirement of the area.



CHOKED RAIN
 WATER DRAINS
 IN IMT MANESAR



SEWAGE ROUTES, OVERFLOW TO FIELDS AND GROWING SEWAGE LAKES



Sewage overflow into fields

Sewage lake growing near IMT Intersection on NH8 coming from the residential sectors

end of the sewage line from IMT going into a sewage lake

UNTREATED SEWAGE WATER USED FOR GROWING CROPS AT IMT MANESAR



2. Overflow from IMT STP



1. Work in progress at IMT STP



3. Seepage to fields clearly seen



4. Seepage point under wall to village and fields



6. Use of this untreated sewage water for growing onions



5. Track of sewage water through houses



SEWAGE LAKE IN IMT MANESAR RESIDENTIAL SECTOR



MALBA HEAPS NEAR ETP



UNREATED VILLAGE SEWAGE DUMPED EVERY DAY NEAR ETP



BREAK IN WALL OF ETP FROM WHICH UNREATED SEWAGE WATER IS FLOWING