

NBM
(NAT BIO MEDIA)
Contact Aeration
@ KAGMAN APARTMENT

FACILITY BACKGROUND

- The facility used to be Downtown Market in Kagman
- It has been closed for years.
- Recently acquired by an investor and converted it to an apartment building.
- Due to a CUC deepwell within close proximity, leaching field from the existing septic tank cannot be permitted.
- Alternatively, a small scale wastewater treatment facility was employed and permitted.

WHAT TYPE IS THIS SYSTEM

- Aerobic Wastewater Treatment
- This is a type of a FIXED FILM WASTEWATER TREATMENT SYSTEM
- Same principle as in Rotating Biological Contactors (RBC), Trickling Filters
- Submerged Attached Growth Bioreactor for Wastewater Treatment
- Uses plastic material, that is shredded in strings and bound together forming a GARLAND like form.

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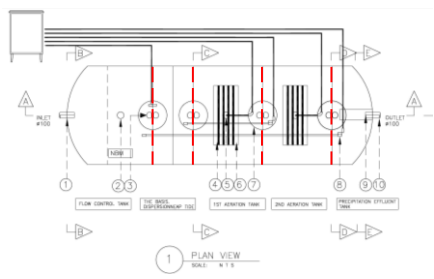
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DESIGN PARAMETERS

- | | | |
|--------------------|---|--------------------------|
| • CAPACITY | : | 10 cu m/day or 2,600 gpd |
| • INFLUENT QUALITY | : | 330 ppm |
| • EFFLUENT QUALITY | : | < 8 ppm |
| • SIZE | : | 2m dia x 6m Length |

HOW DOES IT WORK



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