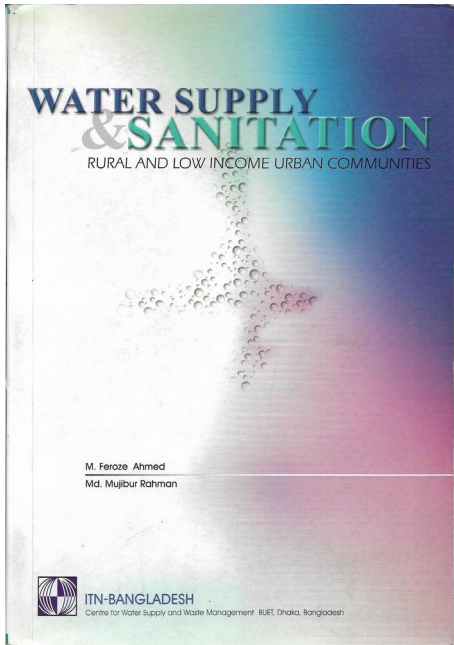
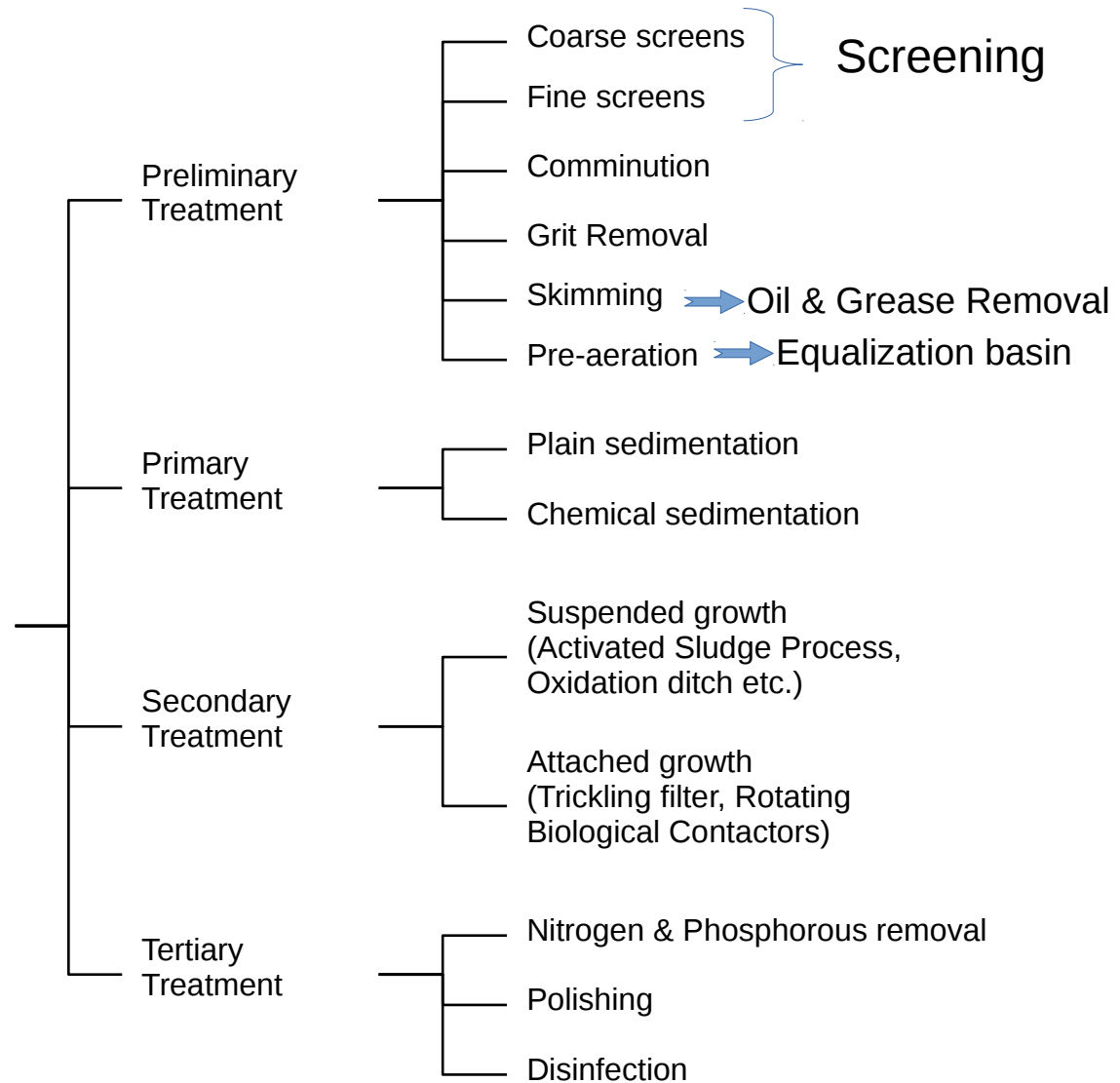


# Conventional Wastewater Treatment : Screening



Conventional  
Wastewater  
Treatment  
Process



Reference Book page 222 ~ 226

Mentioned in the box on page 222  
(Preliminary treatment: Coarse  
screens, fine screens)

Other names: Bar screen, Bar rack

Why?



Image Source:

<https://www.patheos.com/blogs/gospelforasia/2018/01/talking-openly-open-defecation-christianity/>

Why?



Source of Photo:

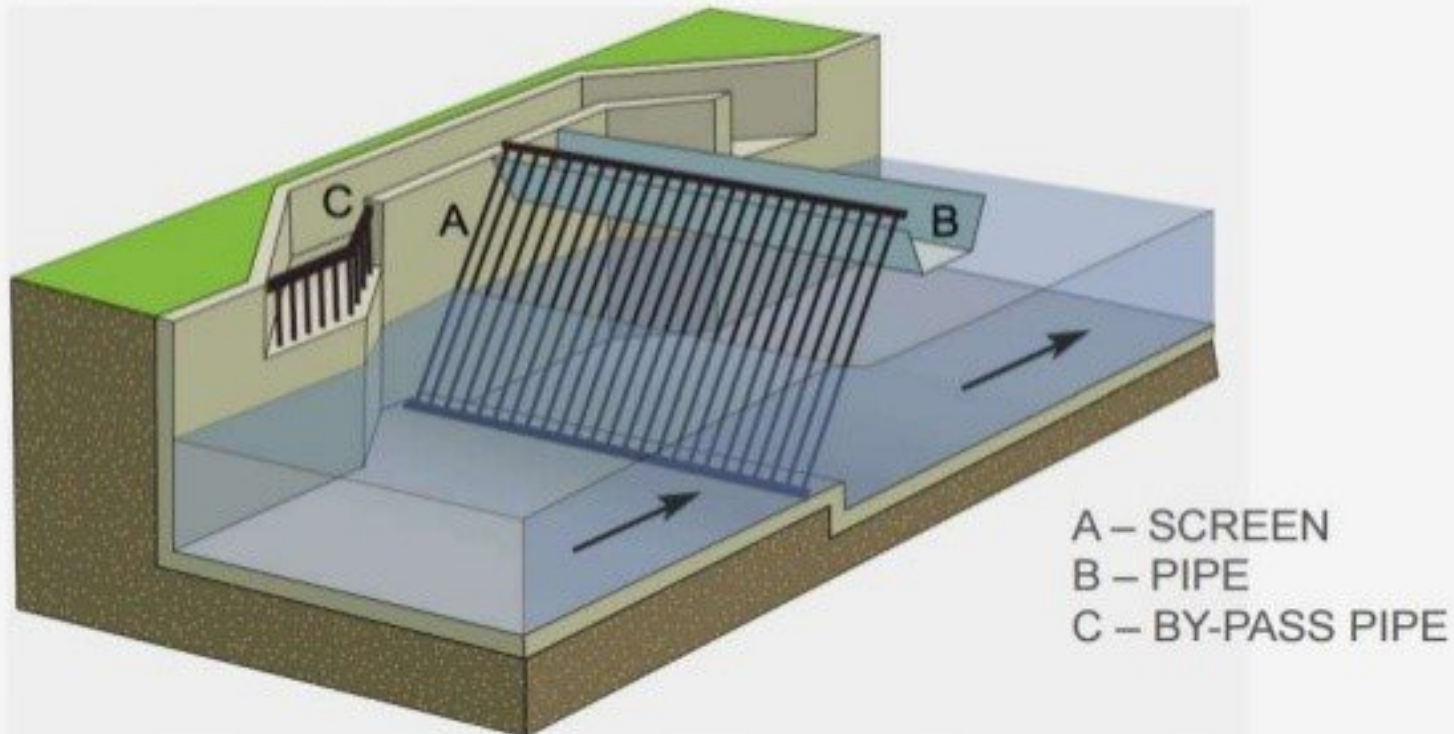
<https://www.telegraph.co.uk/news/2017/07/23/pictures-day-23-july-2017/canal-full-wastage-plastic-materials-dhaka-bangladesh-city-experiences/>

How



Source of Image:  
<https://engineeringcivil.org/articles/environmental-engineering/wastewater-screening-classification-screens-complete-list-wastewater-treatment/>

## Bar screens

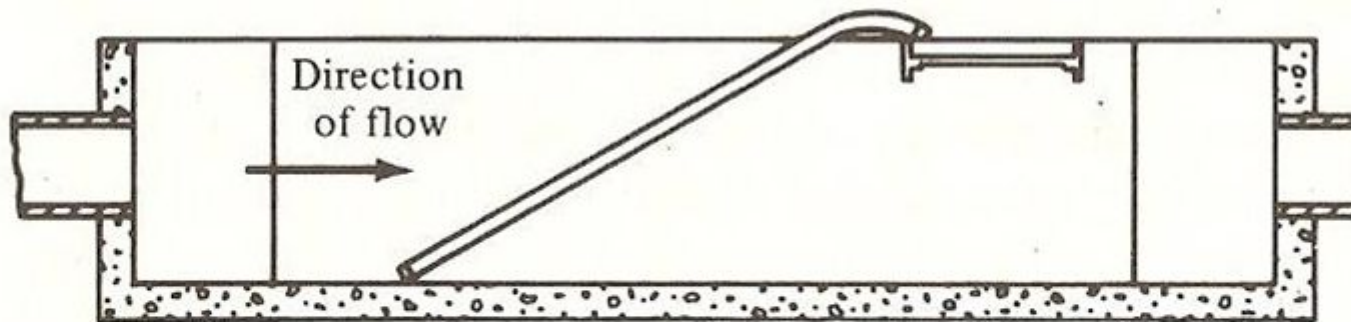


## Screening

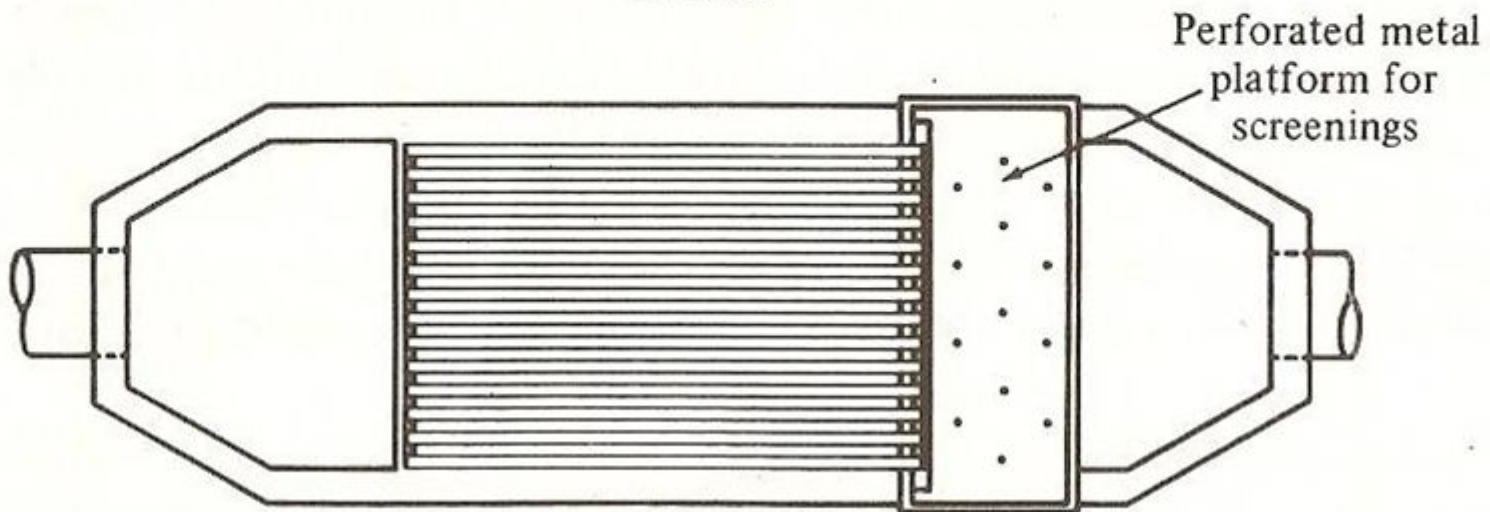
Screened solids are caught with raw sewage:

- Promptly disposed in sanitary landfill
- Grind and returned to wastewater flow
- Incineration

Manual Cleaning



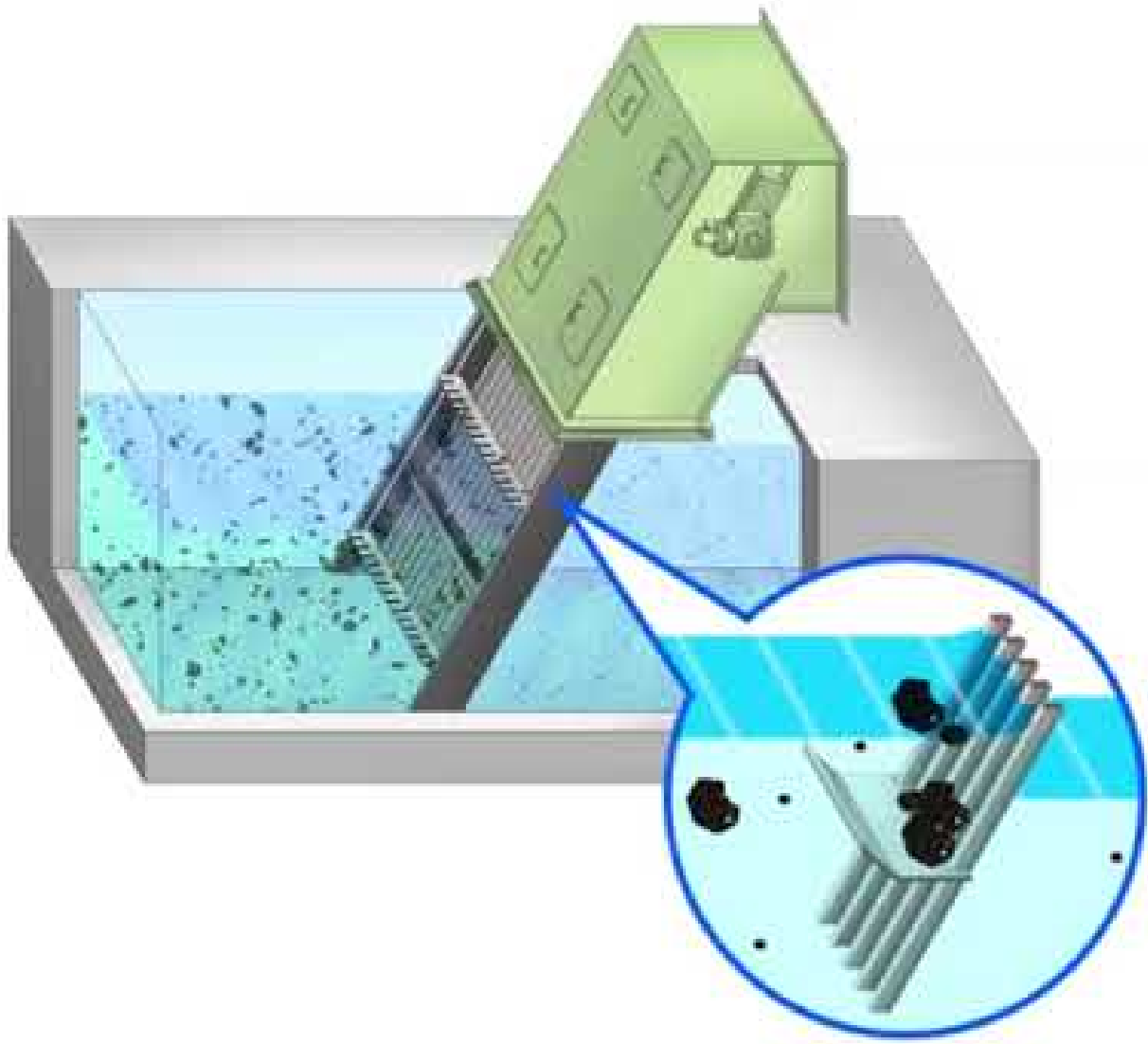
Section



Plan

(a)

# Automatic Cleaning



# Storm Sewage

## Screenshot from google search



Wim - stormwater drain - Water in...  
watermotion.com



Riverside, California | City of Arts...  
riversideca.gov



A stormwater runoff drain in a conc...  
alamy.com



Street Separation Stormwater Drain...  
depositphotos.com



Sewer By Footpath Stormwater Street ...  
istockphoto.com



Street Sewer Winter Stormwater Dr...  
shutterstock.com



What is Green Infrastructure? | Green...  
epa.gov



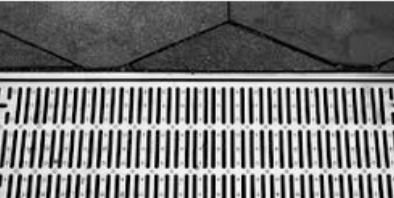
flowing into a storm water sewer s...  
alamy.com



Stormwater - Wikipedia  
en.wikipedia.org



blocked stormwater drain ...  
5bestthings.com





# Google search by "outfall nets"



StormX Netting Trash Trap | Storm Water ...  
stormwatersystems.com



genius way of stopping pollution ...  
metro.co.uk



Australian Town Comes Up With A Genius ...  
boredpanda.com



Australian Town Comes Up With A Genius ...  
boredpanda.com



Australian City's Water Pollution ...  
greenmatters.com



City of Kwinana initiative nets ...  
soundtelegraph.com.au



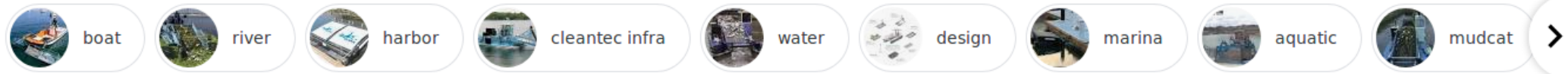
drainage nets keep water pollution ...  
inhabitat.com



Australian Town Comes Up With A Genius ...  
boredpanda.com



# Google search (image) by "Trash skimmer"



Cleantec Infra : Trash Skimmer for ...  
youtube.com



Trash Skimmer Vessels - AMSO  
amsosources.com



Trash Skimmer Boat in the Inner Harbor ...  
youtube.com



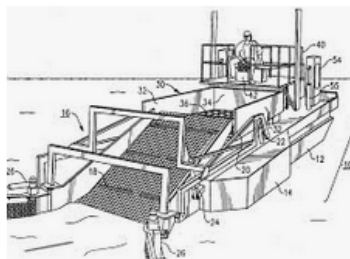
China Julong Aquatic Trash...  
dredgerjulong.com



Trash Skimmer Boats | ...  
elastec.com



China Floating Trash C...  
julongdredger.en.made...



RIVER CLEANING WORKBOATS T...  
pinterest.com



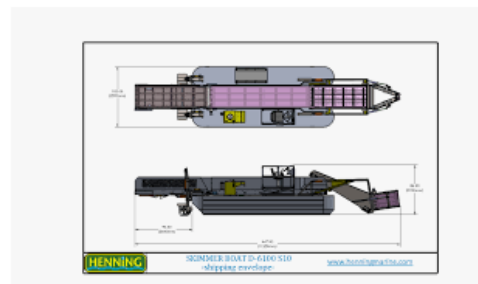
Every Ocean City Needs a Trash Skimm...  
youtube.com



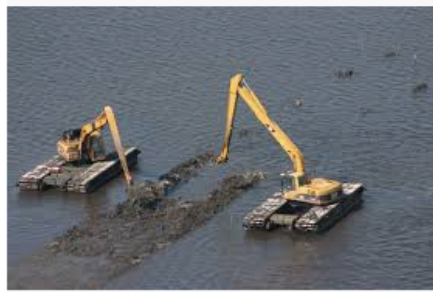
Aquatic Weed Harvesting Equipment ...  
aquamarine.ca



Aquarius Systems Trash Hunters  
aquarius-systems.com



# Google search (image) by "amphibious excavator"



Amphibious excavator - Wikipedia  
en.wikipedia.org



Amphibious Excavator Mini ...  
alibaba.com



Zhenyu 30 Ton Hydraulic A...  
alibaba.com



Amphibious Excavator Dredging Excavator ...  
machchinaqd.en.made-in-china.com · In stock



Amphibious Excavator: Designed To Wo...  
amphibiousexcavator.com



Sumitomo Sh210-5 Amphibious ...  
alibaba.com



Floating Amphibious Excavator Waterking ...  
youtube.com



Amphibious excavator Waterking - WK250 ...  
youtube.com



Amphibious Excavators - Wilco...  
wilcomanufacturing.com



Volvo Ec140e Amphibious Ex...  
alibaba.com



Japan Sumitomo Amp...  
union-machinery.en.ma...



New Bell's Amphibious Excavator B...  
dredgingtoday.com



AMPHIBIOUS EXCAVATOR: swamp buggy ...  
gruasyparejos.com



Amphibious Excavators - Wilco ...  
wilcomanufacturing.com



very good floating excavator Do...  
machinio.com