

Introduction of Decentralized Small Scale Waste Water Treatment Technology in Indonesia

1. River Condition in Japan



Sumida River, Tokyo

2. River Condition in Indonesia (Jakarta)



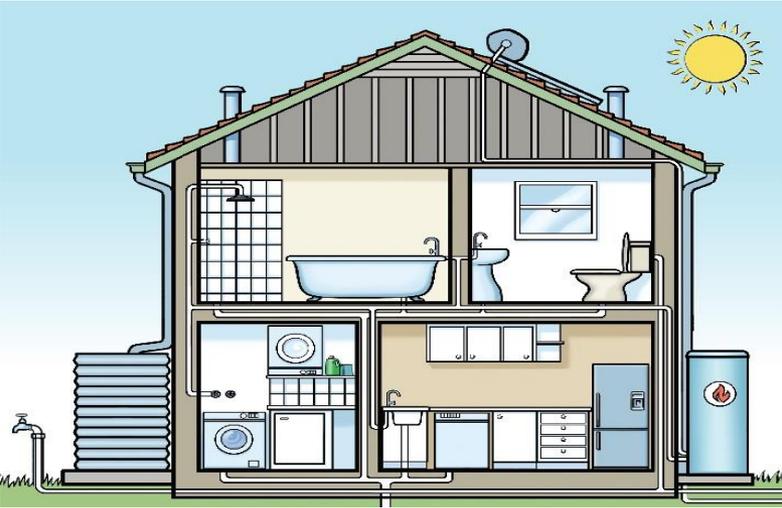
3. What Causes Water Polluted



Trash

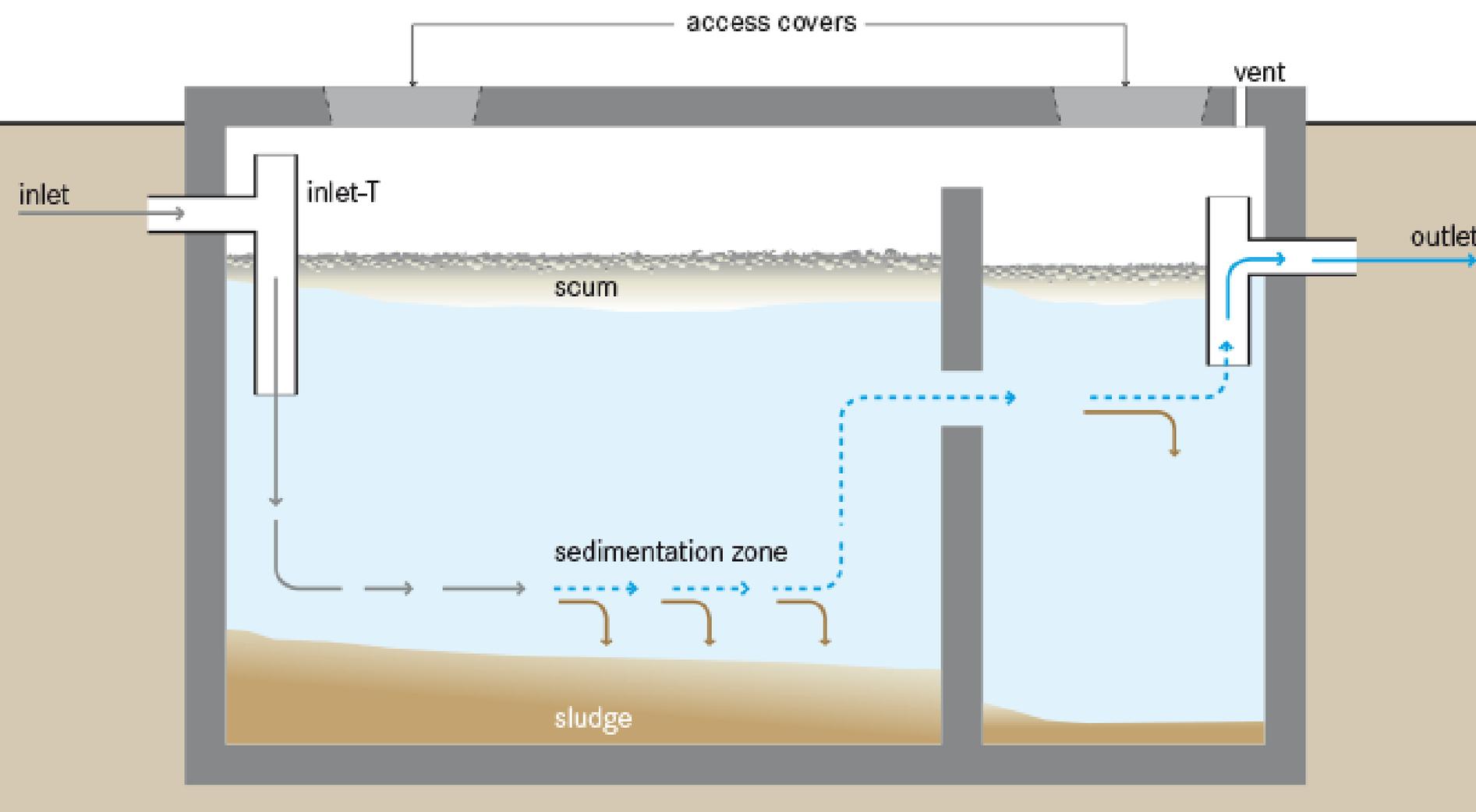


Industrial Waste

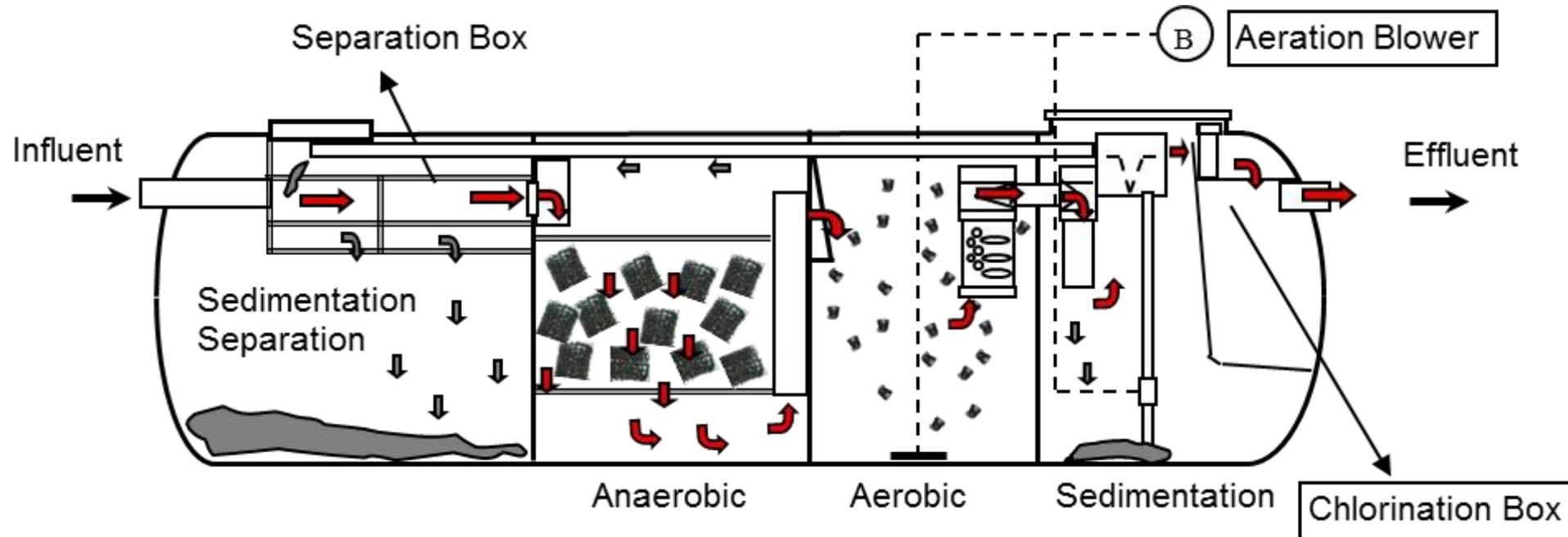


From Us
Humans
(Domestic)

4. Septic Tank



5. Johkasou (System for Domestic)



The term of Septictank might not be unusual for most people as in Indonesia, most still use septictank to dump their waste. However, Normal Septictank is proven to inefficient in purifying the water and just let the polluted water to flow freely.

However with Johkasou we let the system to process it by going from one chamber to another before releasing it.

6. Water Quality Standards

Specification for Indonesia Johkasou (Standard Product)

Parameter	Unit	Design Water Quality for Inlet	Model: BA Effluent Water Quality	Model: BJ Effluent Water Quality	Indonesia National Domestic Wastewater Discharge Regulation
pH	-	6.0 – 9.0	6.0 – 9.0	6.0 – 9.0	6.0 -9.0
BOD	mg/L	300	20	20	30
COD	mg/L	400	100	80	100
TSS	mg/L	240	30	20	30
Oil & Grease	mg/L	40	10	5	5
NH ₄ -N	mg/L	50	-	10	10
Coliform	MPN/100m L	-	3,000	3,000	3,000

7. Johkasou For Domestic Purpose



Our Smallest Product
BJ-1

Capable up until 10 people usage



This system is bigger as to follow the
people using it, most used in Office,
Apartment or Hotel

8. Factory

