

Sources and Components :

Where does wastewater come from and what is in it ?

Module 2 Session 1



Where does wastewater come from?


Wastewater may be produced by households, institutions and industries. The main source of wastewater in a town or peri-urban area is residential areas. Domestic wastewater normally consists of:

- **Grey water** (also called sullage) produced by personal washing, laundry, cooking and cleaning;
- **Black water** produced from pour-flush toilets and water closets containing urine and/or faeces;
- **Septage** sludge produced from septic tanks, aqua-privies, and cesspools.
- There may be a need to remove faecal sludge



Read
session note

Concentration of Pollutants

Greywater (sullage)	Produced by personal washing, laundry, cooking and cleaning.	 <p>Increasing concentration of pollutants and pathogens</p>
Blackwater	Produced by pour-flush toilets and water closets containing urine and/or faeces.	
Septage	A type of faecal sludge produced from septic tanks, aqua-privies, and cesspools.	

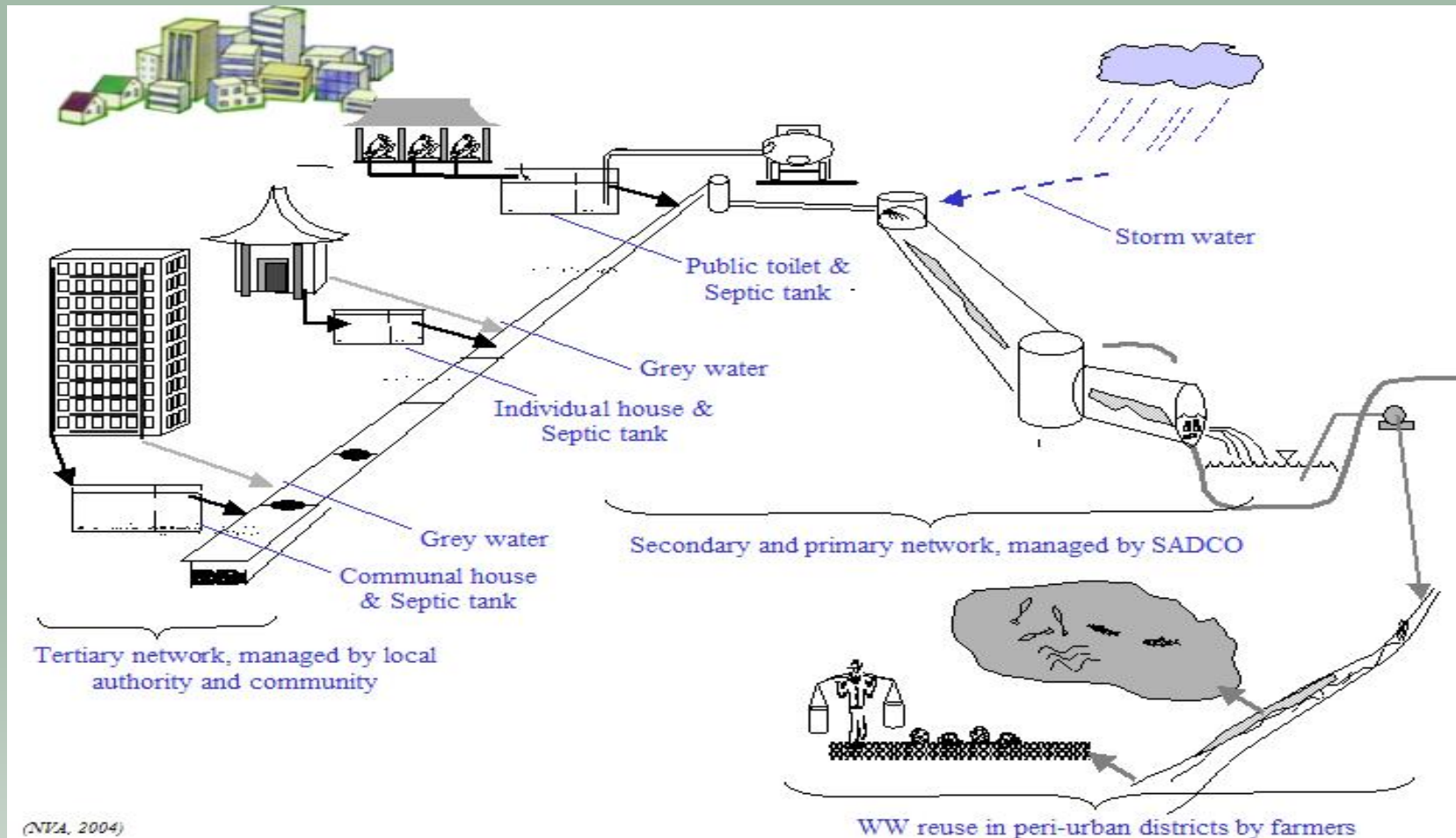
Industrial Wastewater

Industrial Wastewater may have :

- A much higher oxygen demand than domestic wastewater
- Contain chemicals and trace metals disposed of as part of industrial processes



Sources and types of Wastewater



Wastewater management typology, Hanoi City