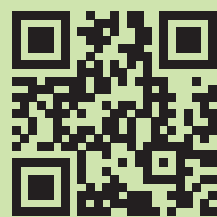


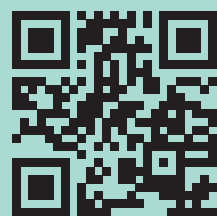
Young River Scientist

a GEC Environmental Education Programme

WWW.GEC.ORG.MY



RIVERRANGER.MY



TIME MAY BRING MANY CHANGES

BUT OUR WATER REMAINS THE SAME THEN AND NOW





WHERE DOES OUR DRINKING WATER COMES FROM?



97% OF OUR DRINKING WATER COMES FROM THE RIVER

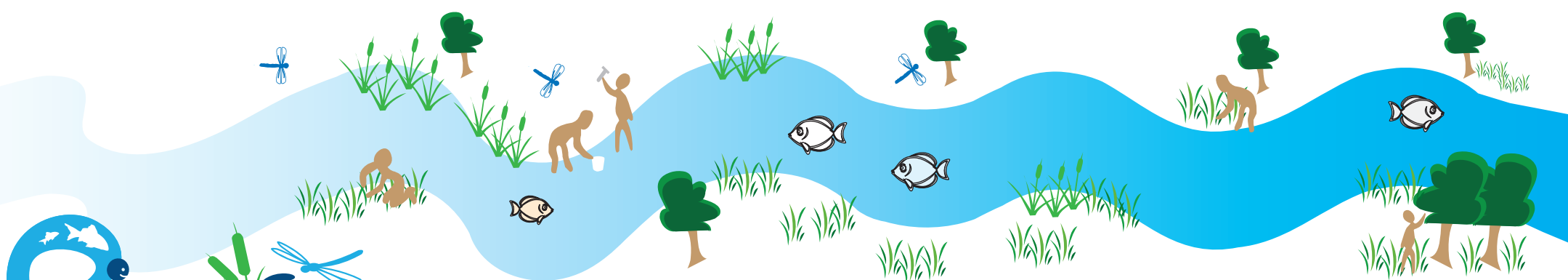
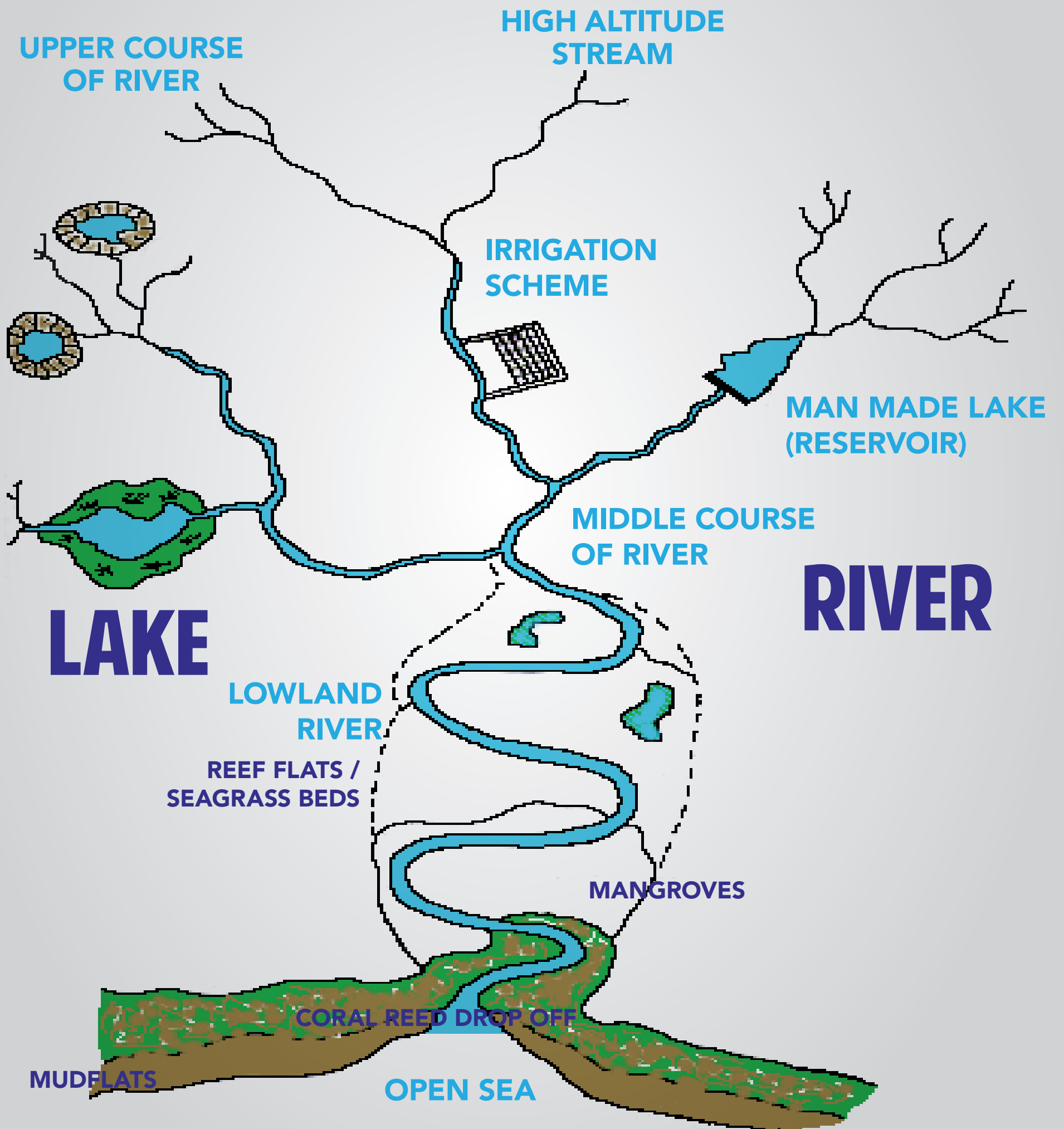


THE RIVER GETS ITS WATER FROM DRAINS

WHERE DOES THE WATER IN THE RIVER COMES FROM?

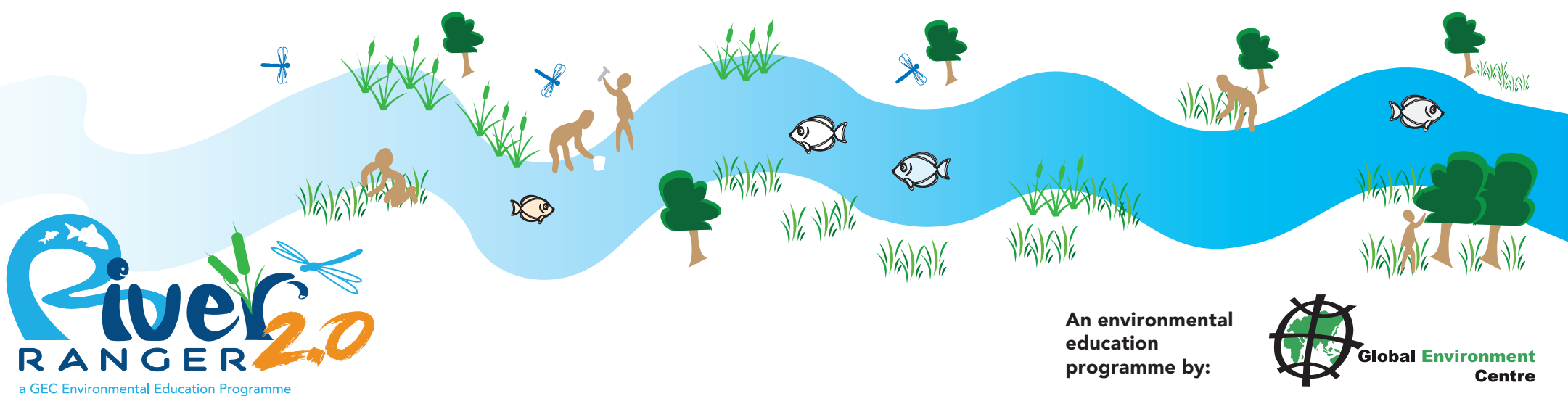
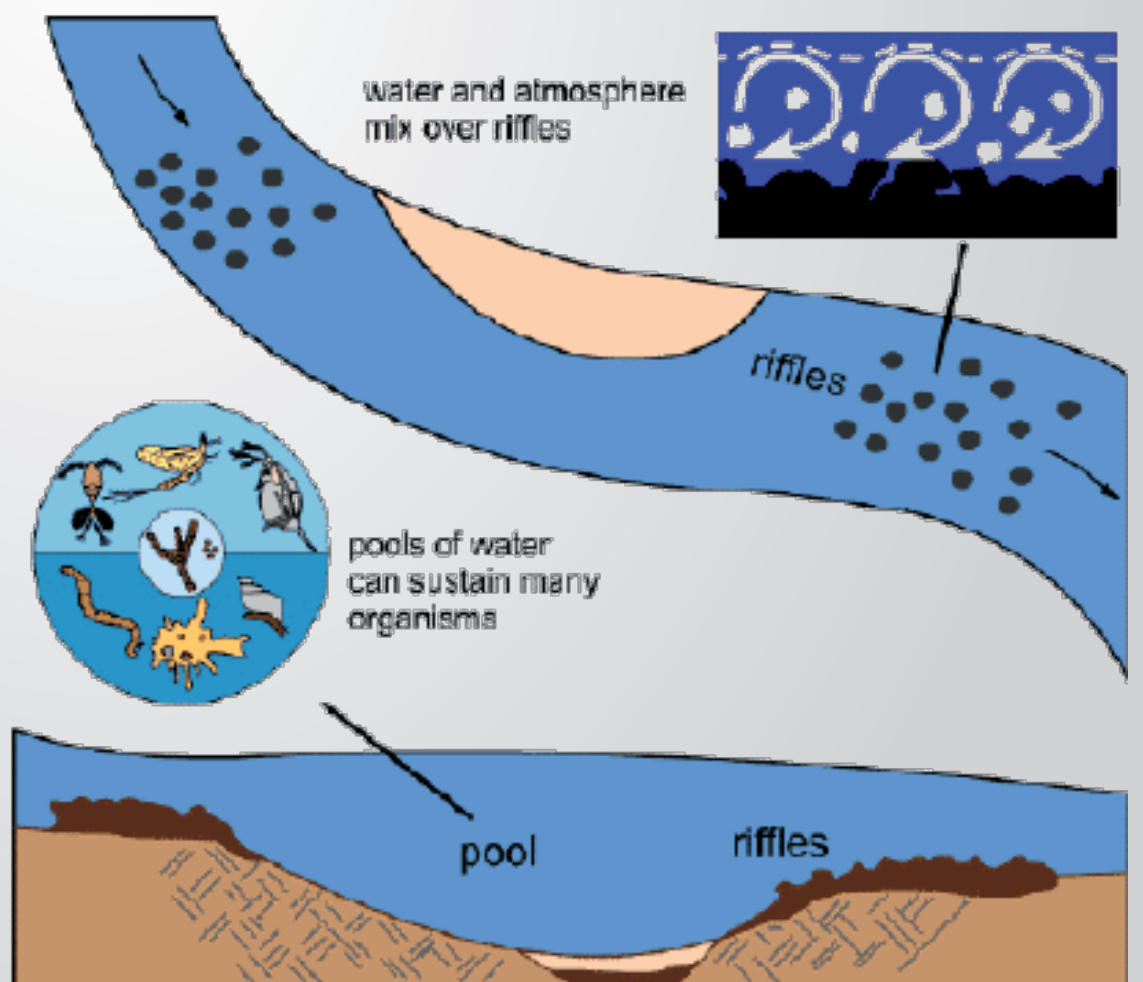


THE RIVER BASIN



NATURAL RIVER

- RIVER IS AN ENTIRE LIVING ENTITY
- MEANDERS
- RIFFLES AND POOLS
- FLORA AND FAUNA (ESPECIALLY AQUATIC LIFE)
- OTHERS:
 - > RIVER VS LAKE
 - > VOICE OF THE STREAM
 - > CLEANSING POWER



MAIN SOURCE OF POLLUTION

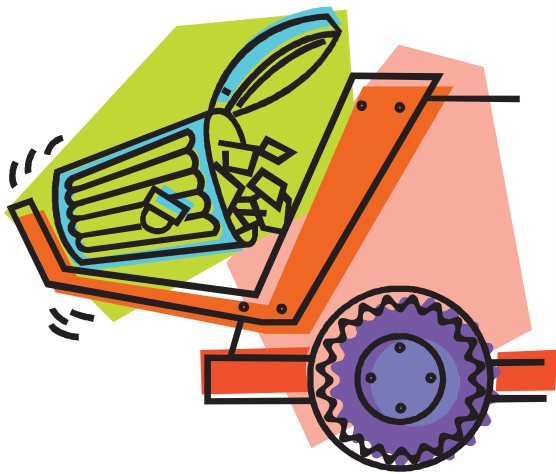
BUSINESS
(INDUSTRY / FACTORY)

HOMES

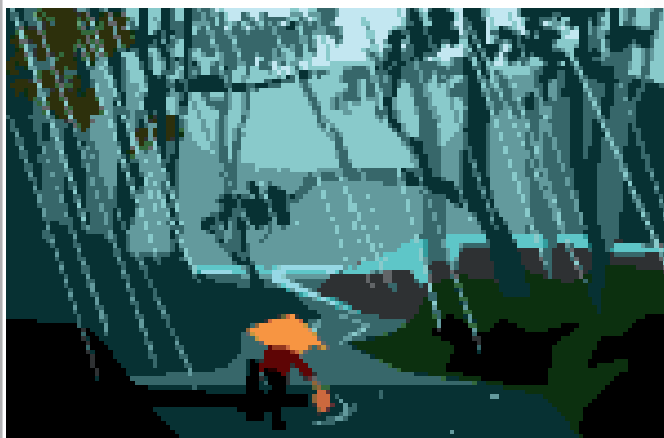
AGRICULTURE

POLLUTION WASTE

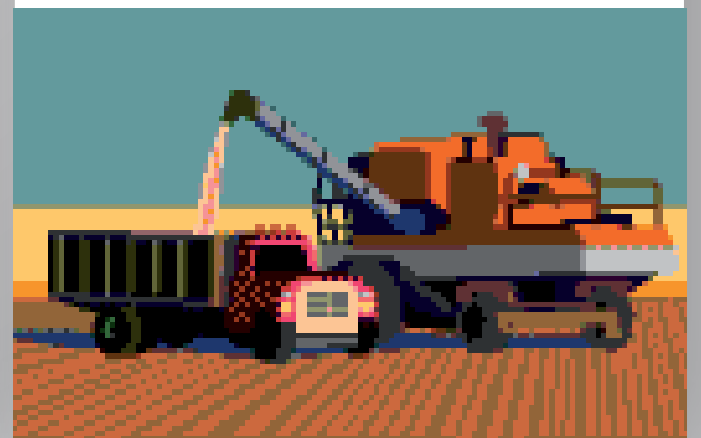
- INDUSTRIAL WASTE
- SEDIMENTATION / SILTATION
- COMMERCIAL WASTE
- SOLID WASTE



- ORGANIC WASTE
 - > HUMAN SEWAGE
 - > ANIMAL WASTE
 - > FOOD WASTE (RESTAURANT / FOOD STALL)
- CAR WORKSHOP / WASH
- OIL



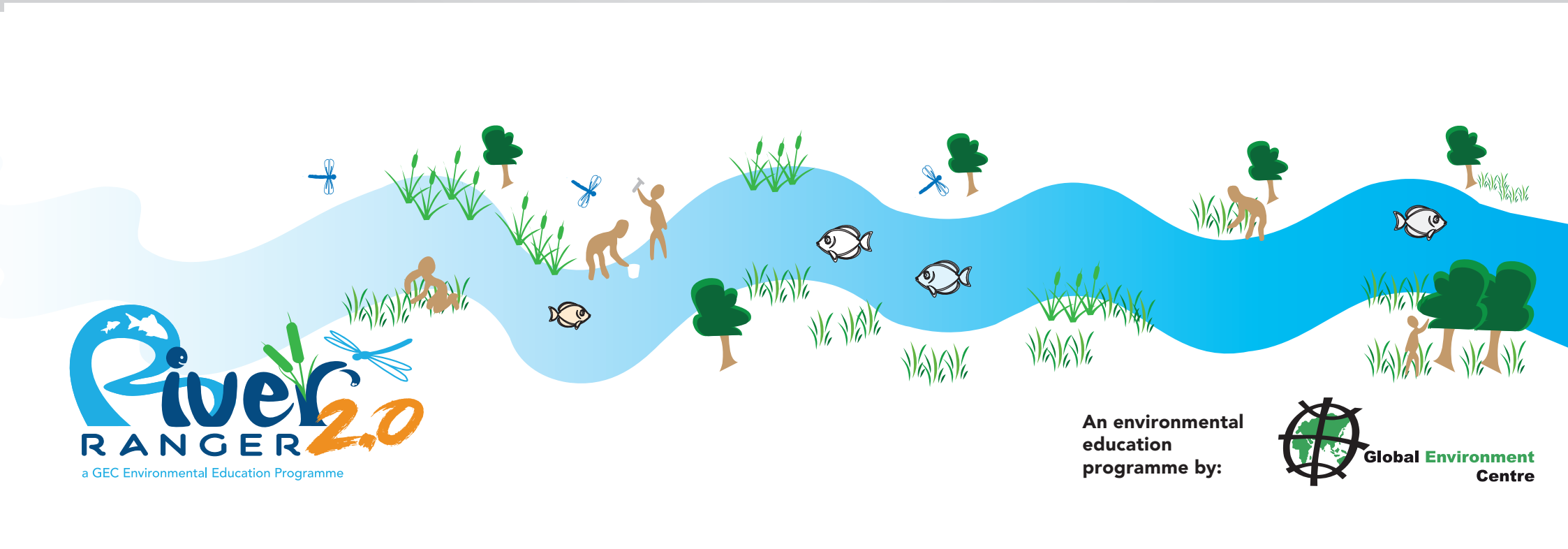
- PESTICIDE AND FERTILIZERS





WATER QUALITY CLASS: 5 CLASSES

Class	Usage
I	Conservation of natural environment Water Supply 1 - practically no treatment necessary, Fishery I – very sensitive aquatic species.
IIA	Water Supply II- conventional treatment required, Fishery II –sensitive aquatic species.
IIB	Recreational use with body contact
III	Water Supply III - extensive treatment required, Fishery III – common, of economic value and tolerant species; livestock drinking
IV	Irrigation
V	None of the above



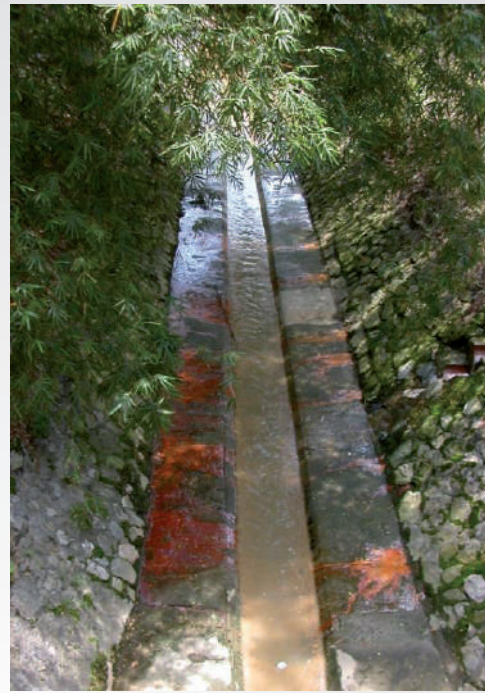
WHICH OF THESE ARE RIVERS?



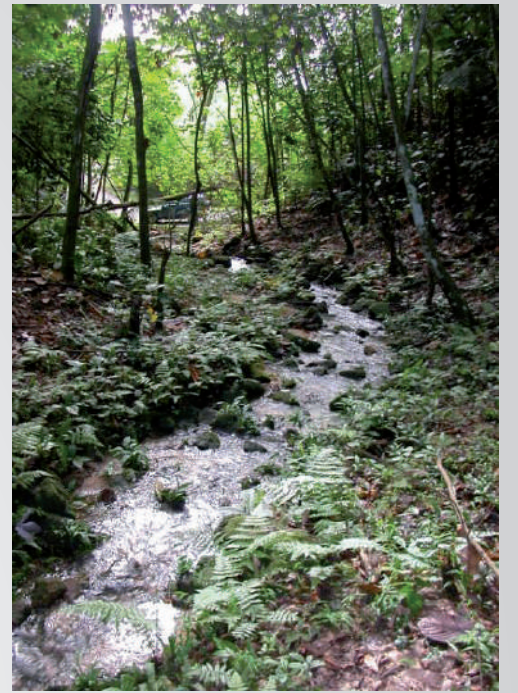
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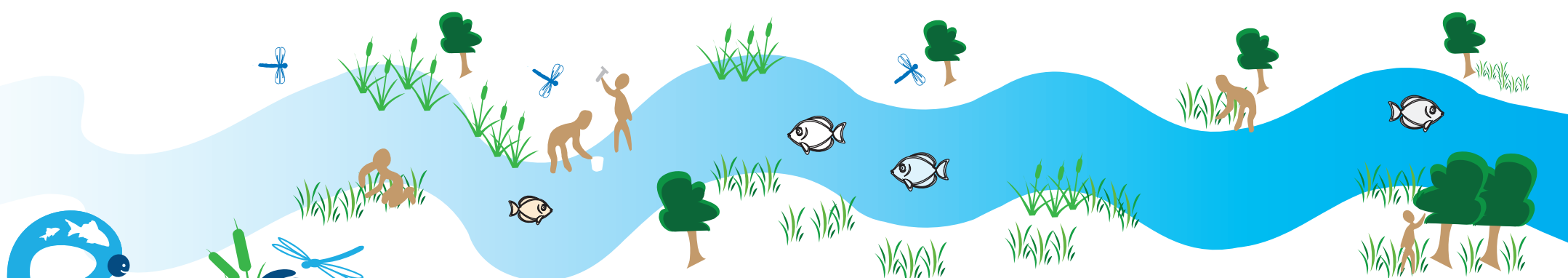
5



6



7



3 INDICATORS FOR A GOOD AND HEALTHY RIVER

