Name:_____ Date: _____

WASTEWATER AND PLASTICS TRUE OR FALSE

True	False	
		Wastewater
☑	☐	**1.** Wastewater is water used in human processes. Explain your answer below. If true, what are some examples of these processes?
☑	☐	**2.** In rural areas, some communities use septic tanks for wastewater treatment instead of WWTPs.
☐	☑	**3.** Stormwater and sanitary sewers both lead to the WWTP. Explain your answer below.
☐	☑	**4.** Sanitary sewers flow directly into bodies of water. Explain your answer below.

True	False	
	✔	

Wastewater cont.

True	False	
☐	✔	**5.** Influent is treated water flowing out of the WWTP.
☐	✔	**6.** Effluent is untreated water.

Water Treatment

True	False	
✔	☐	**7.** The three main methods of wastewater treatment are mechanical, biological and chemical.
✔	☐	**8.** Bacteria consume organic material in secondary treatment.
✔	☐	**9.** In mechanical treatment, the water passes through screens to catch large solids.

Sludge

True	False	
✔	☐	**10.** Sewage "sludge" is sometimes sold to farmers and spread on fields as fertilizer.
☐	✔	**11.** Sludge is always free from microplastics.

Microplastics

True	False	
✔	☐	**12.** Microfibers are a type of microplastic.
☐	✔	**13.** Microplastics are any plastic less than 10 millimeters long.
☐	✔	**14.** Nurdles come from your home's wastewater.
☐	✔	**15.** Micofibers include natural fibers. Explain your answer below.

True	False	Microplastics cont.
☑	☐	**16.** Microplastics are released into waterways through laundering polyester fabrics.
☐	☑	**17.** Biological treatment removes microplastics. Explain your answer below.
☐	☑	**18.** WWTPs are designed to filter out microplastics.

PLASTIC PANIC

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