

stormwater education manual

21. There's a heavy rain storm. At one side entry pit, a litter trap catches some of the rubbish but other things get through. The stormwater with its collected leaves, sediment etc. flow through the barrel drain to a channelised creek. This channel flows into a larger creek. At this site a pollution trap is in place but some pollutants still get through. The trap is almost full.
22. The dog droppings and leaves that washed into the creek have decomposed in the creek, using up oxygen in the water. This causes some sensitive macro-invertebrates to die. This affects the fish that feed on these macro-invertebrates.
23. Fertiliser washes into the waterway, causing the growth of too much algae in the water.
24. The stormwater flows on to the lake/sea, which is a popular swimming and fishing spot. Visitors to the spot see the rubbish and comment on how inconsiderate it is of people to throw rubbish about on the beach/lake shore.
25. Once upon a time there used to be lots of frogs living in the creek - now you hardly ever hear them.
26. A fish with a deformity caused by pollution is caught in the lake.
27. A platypus is found dead on the shoreline, strangled by a plastic ringtop.
28. A healthy platypus is seen swimming in the local waterway.
29. The autopsy of a beached whale shows its stomach is full of plastic bags.
30. An algal bloom causes a NO SWIMMING sign to be put up.
31. A father and his two children fish at the lake in a local park. The water looks clear and he used to catch lots of fish there a few years ago. Today they have no nibbles - in fact they can't hear any frogs or see any water beetles.
32. A local Waterwatcher takes a sample of the water. In the past she had found stonefly, mayfly and caddisfly larvae but there's none present this time. But there are some mosquito larvae and bloodworms in the current water sample.