



SURFERS AGAINST SEWAGE

SEWAGE

Sewage that runs out onto the beach or into the sea can cause a lot of problems for marine life...

CLIMATE CHANGE

You may have heard of climate change and the fact that parts of the world are getting warmer. Well, so is the sea and warmer seas can also affect marine life...

SEWAGE RELATED DEBRIS

Rubbish flushed down the toilet can disturb marine life, be swallowed by or poison it too.

SPOT THE SPECIES!

Life on the coast has to cope with a lot of changes, like the tides going in and out. The type of animals and plants that can be found on the beach and how many are there, can tell us a lot about what is happening in the sea. Take the strawberry anemone...we are seeing more of these due to warmer waters...

TOXIC TIDES

Warmer seas are a problem for plankton, the tiny plants that live in the sea. It can make them grow out of control and if they are poisonous, they can poison other marine life, like fish. If we then eat the fish we can get sick too!

INDICATOR SPECIES

BLOOMING PLANKTON!

Sewage in the water is like fertiliser for plants... it makes plankton (tiny plants in the sea) grow quickly and in big numbers. *This makes the sea out of balance.*

ACID OCEANS

More carbon dioxide in the air (from human sources) means more gets absorbed by the sea. This can make the ocean more acidic, which prevents some marine life building their shells, like snails, crabs and some plankton. As these creatures are food for bigger things like fish, acid oceans could be a big problem!

BIOACCUMULATION

Is a big word! Animals like oysters and mussels are filter feeders...they filter their food (plankton) out of the water. Sometimes they can filter out pollution too which can build up in their bodies and poison them... and us if we then eat them!

