

Marine pollution assignment



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Marine pollution has become a major global issue. It is now becoming a serious concern that the ocean will no longer be a safe place for marine life and humans. There is a growing concern that pollution causes serious problems nowadays particularly health problems. This essay will argue that marine pollution should be addressed immediately. Firstly, the causes and the effects will be discussed, and some solutions to how marine pollution can be reduced. To begin with, marine pollution is rising over a year. Many people are disposing chemical, sewage and garbage in the ocean which kills many marine organisms.

The main food chain affects a wide spectrum of species and it will be rise over the years. For example, oil spills choke plants and animals preventing respiration and it will be a major breakdown for sea birds and mammals. Marine pollution cannot be stopped but can be reduced when people use proper disposal of chemical and rubbish. The new jersey-size dead zone that forms each summer in the Mississippi River Delta or the thousand-mile-wide swath of decomposing plastic in the northern pacific ocean to see that this ‘dilution’ policy has helped place a once flourishing ocean ecosystem on the brink of collapse.

Another cause of marine pollution is sewage disposal in the ocean. For example, untreated or in part treated sewage matter, or in nature rich industrial waste matter such as that from fish dealing out plants. Decompose of organic matter causes a drop in dissolved oxygen, particularly in clams and weather and secluded bays. This can cause death of marine plants and animals, and possibly will lead to changes in biodiversity. Other problems

associated with sewage include parasites and bacteria's that force closure of public coastal beaches and poisoning of fisheries.

Hence, it becomes the responsibility of the government of the area to ensure that the sewage is properly disposed of and that it is treated. [source: <http://YMMV.Pollution.In/effects-of-marine-pollution.HTML>- Published June 3rd 2010] In addition, marine garbage disposal is another major form of ocean pollution. The world's oceans are a virtual dumping ground for trash. For example, turtles often gulp down floating plastic bags, mistaking it for jelly-fish. Animals are often strangled when they become entangled with plastic debris. In one case, a deceased sperm whale was found to have a party balloon blocking its digestive system.

The whale died from inability to process its food and died of starvation. There are also numerous examples of dolphins, sharks and whales entangling themselves in dumped fishing nets and dying of oxygen starvation. Thus, controlling this form of pollution is important to maintain a healthy ocean ecosystem. Furthermore, there is evidence that the ocean have suffered at the hands of mankind for millennia, as far back as Roman times. But recent studies show that degradation particularly of shoreline areas, has accelerated dramatically in the past three centuries as industrial discharging and runoff from farms and coastal cities has increased.

For example, nitrogen-rich fertilizer applied by farmers inland, are ending up in estuaries bays and delta. These excess nutrients can spawn massive blooms of algae that rob the water of oxygen, leaving areas where little or no marine life can exist. Moreover, non-point pollutants (agricultural) is also

one of the major contributing factor towards marine pollution. For example, non-point pollution can come from amazingly varying sources, runoff from farms (fertilizers, manure), industrial runoff (heavy metals, phosphorous), urban runoff (oils, salts, various chemicals) and atmospheric fallout of airborne pollution.

Humans are directly responsible for marine pollution. Transportation is another consequence which occurs in the marine.