

Enzymatic

Hydrocarbon Test 1



The water filled glass vessels prior to the inclusion of Enzymatic.

This equipment is used specifically for odour testing as they are wide at the top and can be moved to fresh air for sampling.



Oil added to water.

Enzymatic Added 30 mls of oil and 30 mls of Enzymatic.

Odour control was instant.



This sample has been agitated and stirred every now and again during this time.





More water was added to the control to balance the levels for viewing.



During this time the oil depth has been reduced considerably and the stirred mass is clearing more rapidly.

Conclusion:

Both odour control and oil digestion has taken place.

Enzymatic

Hydrocarbon Test 2



380 mls of water and 80 mls of oil sample were placed in the jar along with an air supply. The purpose was to replicate normal movement.

It was turned on for 3 minutes about four times a day.



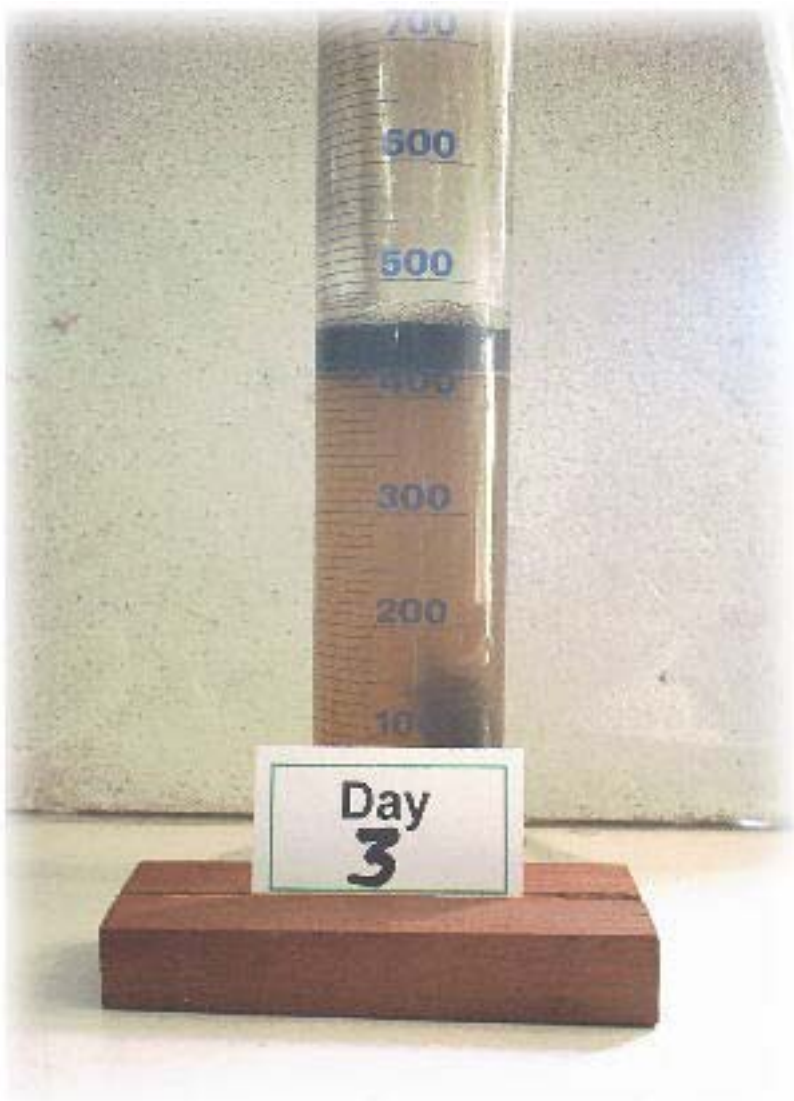
80 mls of Enzymatic added

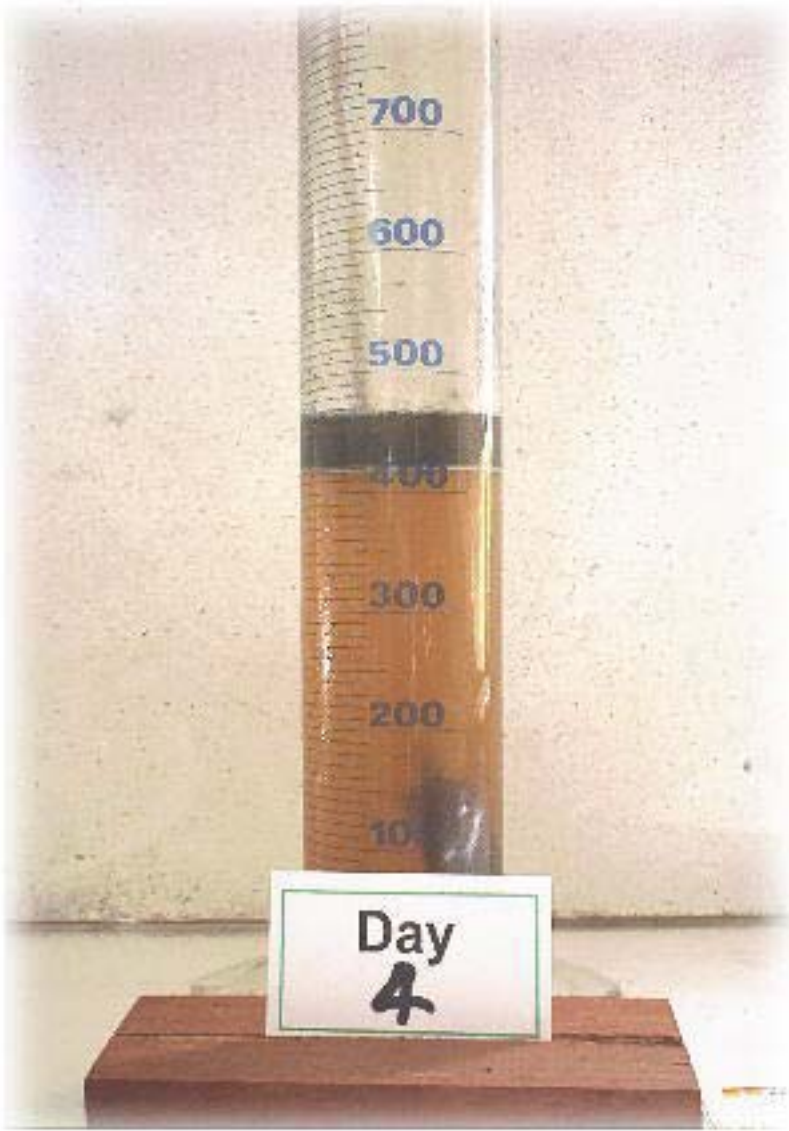
Total liquid here 540 mls

Air turned on.



Day three and changes in the oil depth are really starting to show.

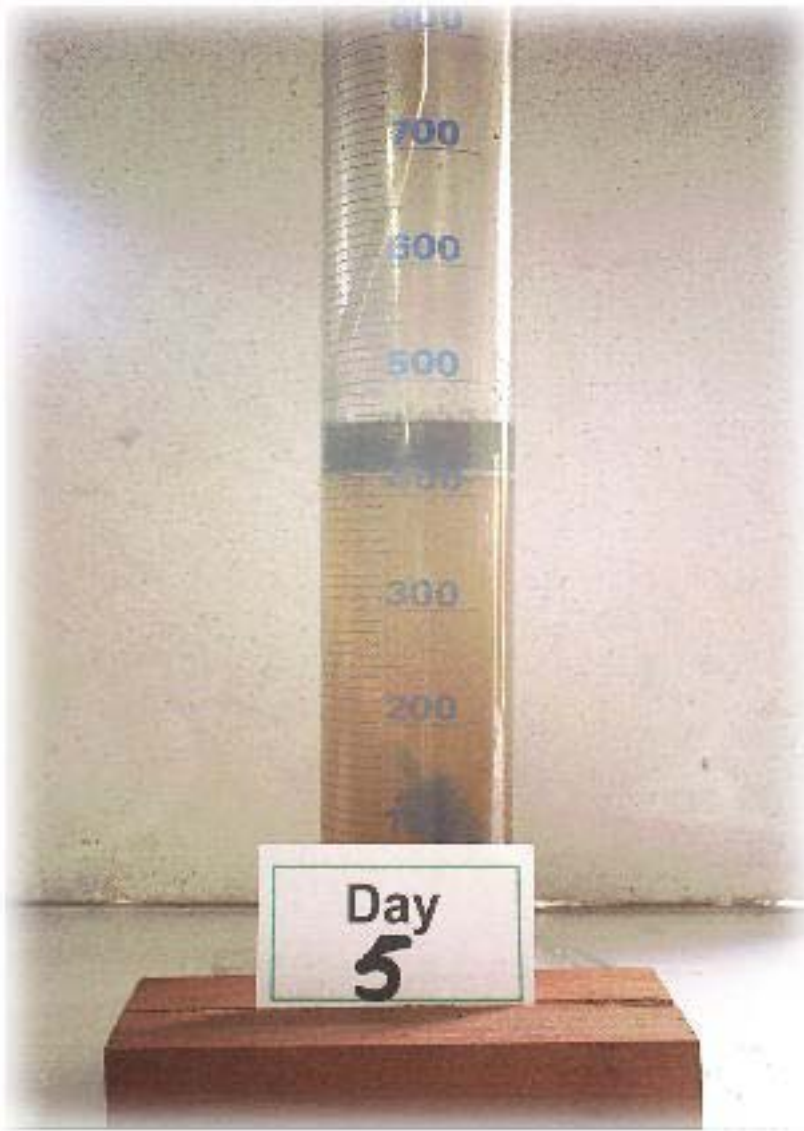




Enzymatic action converts oils and contaminants to Oxygen and water.

**Total liquids at this stage
450 mls**

Oil down to 30 mls.



Time ran out so this is the final day and is down 10 mls of oil from yesterday.

Conclusion:

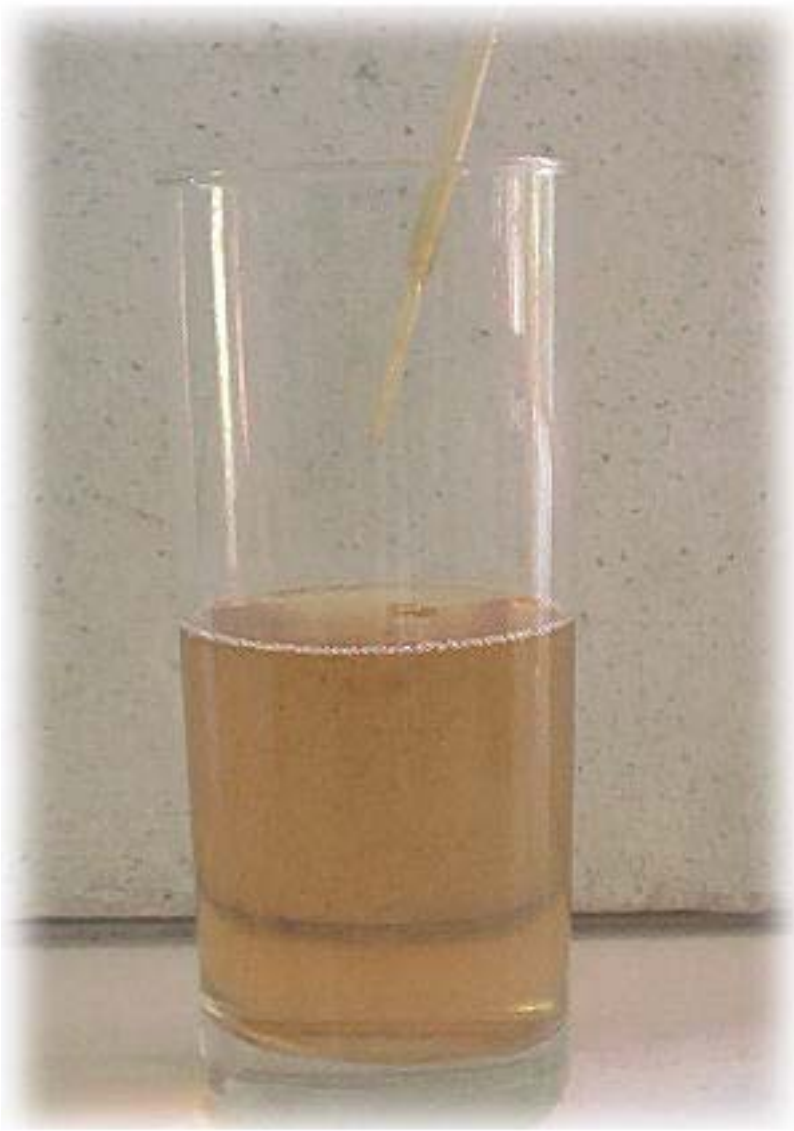
In just five days Enzymatic has reduced 80 mls of oil to less than 30 mls.

A reduction of 62% in 5 days.

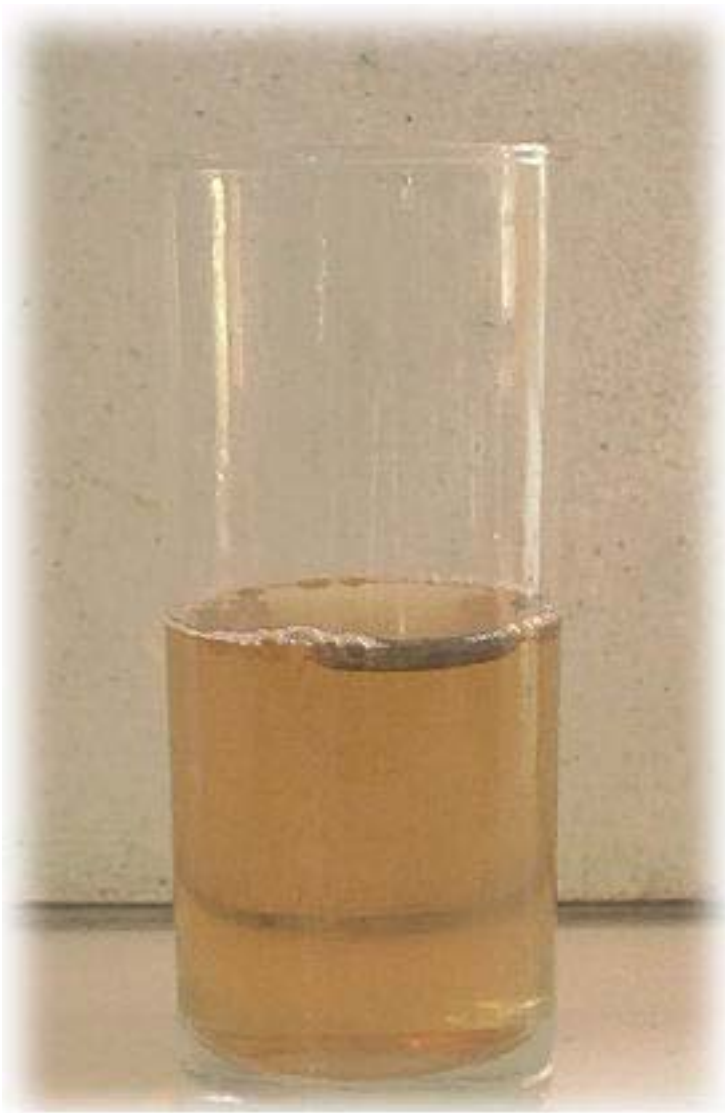
Enzymatic

Hydrocarbon Test 3

**Oil waste dropped into 125
mls of water and 30 mls of
Enzymatic**



Visual result after emptying the 3 mls pipet into the mix. The oil globule is very clear.

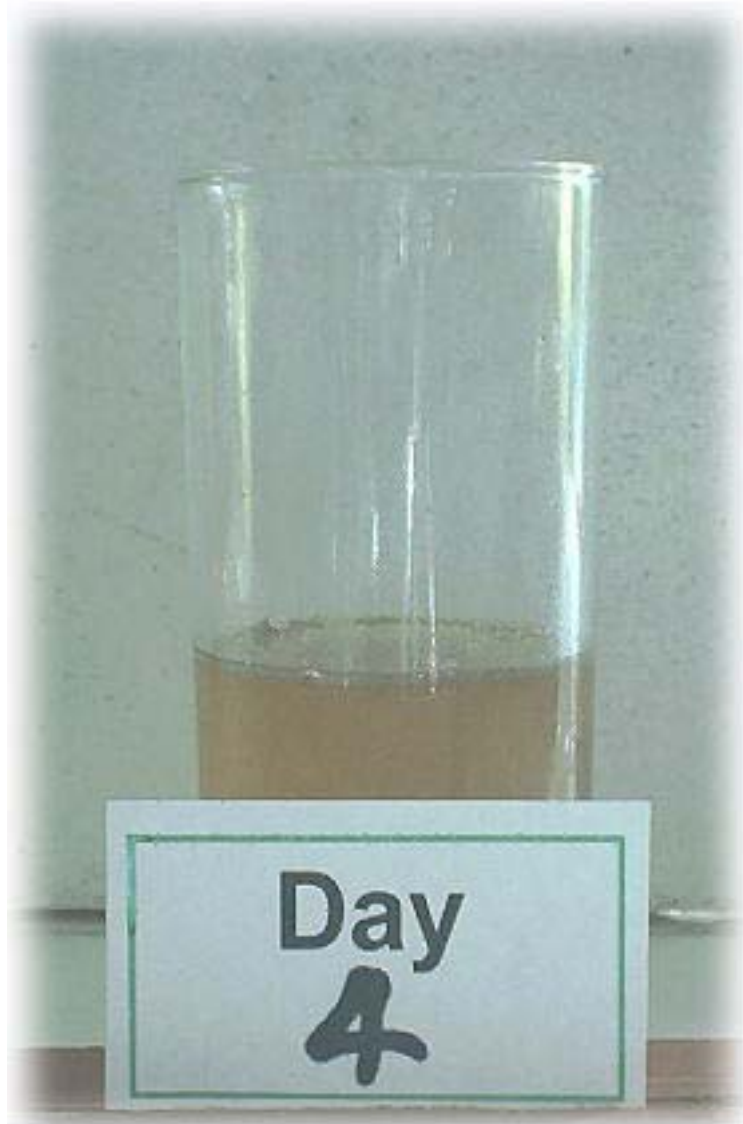


The sample was stirred very occasionally during the test





There was very little evidence of any oil at day two.



This is not good photography but the sample is clear of any oil contamination.

Conclusion:

Three very separate and different tests gave rapid evidence that Enzymatic digests Hydrocarbons and organic matter in wastewater.

It would have been preferred that the test be run over ten days as this is the life cycle of Enzymatic.