



**Faculty of Science  
Microbiology department**

# **BIODEGRADATION OF HAZARDOUS WASTEWATER POLLUTANTS**

**A Thesis  
Submitted for the Requirements for the Degree of  
Philosophy Doctor of Microbiology**

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*Rehab Gamal Hassan Ahmed*



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## List of Abbreviations

**List of Abbreviations**

<b>Abbreviations</b>	<b>Full term</b>
<b>BOD<sub>5</sub></b>	Biological oxygen demand
<b>BP</b>	British petroleum
<b>BTEX</b>	Benzene, toluene, ethyle benzene and xylene
<b>CBM</b>	Coal Bed Methane
<b>CFU</b>	Colony forming unit
<b>COD</b>	Chemical oxygen demand
<b>EDF</b>	Egyptian Drilling Facility
<b>EO</b>	Essential oils
<b>GAB</b>	General aerobic bacteria
<b>HOB</b>	Hydrocarbon oxidizing bacteria
<b>NORM</b>	Natural occurring radioactive material
<b>OPEC</b>	Organization of Petroleum Exporting Countries.
<b>PCB's</b>	Polychlorinated biphenyls
<b>SOB</b>	Sulphur Oxidizing bacterial
<b>SRB</b>	Sulphate reducing bacteria
<b>TCE</b>	Trichloroethene
<b>TDS</b>	Total dissolved solids
<b>TOC</b>	Total organic compound
<b>TS</b>	Total solids
<b>TSS</b>	Total suspended solids
<b>VSS</b>	Volatile suspended solids

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