



## Environmental Impact Of Pollutants Waste Water at Khartoum Refinery

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SPS Aug 2017, 2017. Taschenbuch. Condition: Neu. Neuware - Sudan has become one of the oil producing countries since 2000 . Petroleum as an energy source represents 16 % of the energy balance of the country. The processes of prospecting, transportation, refining and utilization of petroleum may have serious negative impacts on the environment. This study focuses on the determination of the nature and concentration of the main gases ensuing during the process of oil refining, as well as the determination of pollutants in wastewater at Khartoum Refinery. Also, investigation into means and ways adopted by the Refinery to reduce the negative impact of those pollutants on the environment are reviewed. The gaseous by- products analyzed include SO<sub>2</sub>, NO<sub>x</sub> and CO. The wastewater pollutants analyzed include the pH, oil and grease , sulphides, phenols, nitrogen and ammonia , the total suspended solids (TSS) , the biological oxygen demand (BOD), and the chemical oxygen demand (COD). It is found that the analytical results of the gaseous by - products are compatible with the Chinese, Global Bank Guide and The Sudanese Standards. 88 pp. English.



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