



DARK WATERS

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Iraq is currently contending with two types of water quality issues. One is salinity, the other is the concentration of pollutants in the water caused by municipal, industrial and agricultural activities that introduce return flows into freshwater sources. Development of agriculture throughout the Euphrates and Tigris watershed, both inside and outside Iraq, is leading to a progressive increase in the salinity of the waters of the Euphrates, Tigris and other rivers in Iraq. Economic development and population growth are also contributing to rising loads of various contaminants. Deterioration in water quality is exacerbated by droughts and is a major contributing factor to desertification of agricultural land (SWLRI, 2015; Al-Atta, 2019; <https://water.fanack.com/iraq/water-quality-in-iraq/>, 2023).



Unproper & uncontrolled discharging of wastewater or sewage that mixed with tap waters across teared waters pipelines networks predisposing & causing dangerous biohazard contamination struggling especially with genetically modified microorganisms' resident & deposited within a recalcitrant biofilm. *E. coli* lineage is one of the catastrophic biohazards leading indicator of foodborne & waterborne chainsaw puzzles in which, their contamination or pollution indicate presence of other serious forbidden entities & their toxins in versatile & diverse ecosystems.



“ There are really strange and scary things happening in this world. You may not believe it, but a scary monster (a biofilm built-in entity to become a Chimera) appeared in this mess. The Chimera appears every night, and today we are gathered to decide to leave from here. What, but how and what is the form of this frightening entity, that no one has seen before, but it is scary that he runs around the village and knocks on the doors, what the wind may be, or fantasies, or something else, you mortals do not understand, it is a punishment from the great chief. ”



Catastrophic emergent forbidden prohibited bioterrorism entity appeared in our tap or drinking waters from unknown portals of entrance and residence to be a new life terminators. These mutant upgraded evolutionary evils are multi stress resistant hardening to antibiotics, boiling, ultraviolet irradiation, but susceptible to lytic bacteriophages.



These Genetically Well-Equipped Multidrug Resistant Shifted Mutants Upgraded to Epigenetically Drifted Tolerant to Thermal Processing and Ultraviolet Irradiation Sterilization of Waters. These Emergent New Genotypes of Six Diagonal Phases of Snyder Cut *E. coli* lineage.





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