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#### LIST OF ABBREVIATIONS

#### **ABBREVIATE**

**EDF** Environmental Defense Fund

**DBPs** Disinfection By-Products**TTHMs** Total Trihalomethanes

**HAAs** Haloacetic Acids

MCL Maximum Contaminant Limit

**U.S. EPA** United States Environmental Protection Agency

**CT** (Concentration \* Time)

**SDWA** Safe Drinking Water Act

**NORS** National Organics Reconnaissance Survey

**IUGR** Increased Risk of Intrauterine Growth Retardation

**AC** Activated Carbon

VOCs
 Volatile Organic Compounds.
 EBCTs
 Empty Bed Contact Times
 GAC
 Granular Activated Carbon.
 PAC
 Powdered Activated Carbon.

**GC** Gas Chromatography

**SEM** Scanning Electron Microscope

**BET** Brunauer, Emmett and Taller isotherm