































List of Substances Removed

Substances	Description / Potential Health Effects	Filtration Performance- Super High Grade Filter	Filtration Performance- Standard Grade Filter
Free residual chlorine	Chlorine is the most commonly used disinfectant. Affects the taste of water.	 YES	 YES
Turbidity	Is a measure of the cloudiness of water, an indication of water quality and filtration effectiveness. Particles in water that may not be visible.	 YES	 YES
Trihalomethanes	General term for four chemical compounds (chloroform, bromodichloromethane, dibromochloromethane, bromoform) generated by the reaction of organic substances in water to chlorine used in water filtration treatments. Suspected of being carcinogenic.	 YES	 YES
Chloroform	One of the trihalomethanes. Suspected of being carcinogenic.	 YES	 YES
Bromodichloromethane	One of the trihalomethanes. Suspected of being carcinogenic.	 YES	 YES
Dibromochloromethane	One of the trihalomethanes. Suspected of being carcinogenic.	 YES	 YES
Bromoform	One of the trihalomethanes. Suspected of being carcinogenic.	 YES	 NO
Soluble Lead	Perceived as a problem because there's a possibility of causing intellectual damage to infants and babies if it accumulates in their mothers.	 YES	 NO
CAT	Organic chemicals, herbicides, pesticides used in a number of crops (agricultural or gardens) as well as non-crop areas. It is suspected of disrupting the endocrine (hormone) system.	 YES	 NO
2-MIB	A mould. It affects the taste of water.	 YES	 NO

Tetrachloroethylene	Is widely used in drycleaning and as a solvent for degreasing metals in automotive, metal, light industries. It is suspected to harm the liver and kidney and to be a carcinogen.	 YES	 NO
Trichloroethylene	Is a chemical compound used as an industrial solvent for degreasing metals. It is suspected to harm the liver and kidney and to be a carcinogen.	 YES	 NO
1,1,1-trichloroethane	Is widely used as a cleaning solvent in electrical, electronics industry, as a solvent for adhesives, ink, paints, coatings, textile dyes, and as a coolant and lubricant. It is suspected to harm the liver and kidney and to be a carcinogen.	 YES	 NO
Iron (fine particles)	Most of this substances comes from water piping (iron pipes). It can lead to rusty water which looks and tastes bad.	 YES	 NO
Aluminium	This substance is used as a flocculant of the aluminium family in the treatment of water.	 YES	 NO