

Unregulated Contaminant Monitoring Regulation 2 (UCMR2) Assessment Monitoring of List 1 Contaminants

Unregulated contaminants are those that don't yet have a drinking water standard set by USEPA. The purpose of monitoring for these contaminants is to help EPA decide whether the contaminants should have a standard.

(Quarterly Sampling Events (SE1, SE2, SE3, SE4) taken at entry to distribution system.)

Contaminant	SE1 8/10/2009	SE2 11/16/2009	SE3 2/15/2010	SE4 5/17/2010	Unit of Measure	Likely Source of Contamination
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Insecticide and Insecticide Degradate

Dimethoate	ND*	ND*	ND*	ND*	PPB	Insecticide used on cotton and other field crops, orchard crops, vegetable crops, in forestry, and for residential uses.
Terbufos sulfone	ND*	ND*	ND*	ND*	PPB	Degradate of the parent compound, terbufos; terbufos used for systemic control of soil-borne insects and nematodes in fields of corn, grain sorghum, and sugar beets.

Flame Retardants

2,2',4,4'-tetrabromodiphenyl ether	ND*	ND*	ND*	ND*	PPB	Flame retardants added to plastics (for products such as computer monitors, televisions, textiles, and plastic foams).
2,2',4,4',5-pentabromodiphenyl ether	ND*	ND*	ND*	ND*	PPB	
2,2',4,4',5,5'-hexabromodiphenyl ether	ND*	ND*	ND*	ND*	PPB	
2,2',4,4',6-pentabromodiphenyl ether	ND*	ND*	ND*	ND*	PPB	
2,2',4,4',5,5'-hexabromobiphenyl	ND*	ND*	ND*	ND*	PPB	Flame retardant additive; production of polybrominated biphenyls ended in 1976 in U.S. after as incident of significant accidental agricultural contamination in 1973.

Explosives

2,4,6-trinitrotoluene	ND*	ND*	ND*	ND*	PPB	Used as an explosive in bombs and grenades, also used as a propellant; small amounts used for industrial explosive applications, such as deep well and underwater blasting; chemical intermediate in manufacture of dyestuffs and photographic chemicals.
1,3-dinitrobenzene	ND*	ND*	ND*	ND*	PPB	Used in explosives; also formed as a by-product during the manufacture of the explosive TNT; used in the manufacture of aramid fibers, spandex, and dyes.
Hexahydro-1,3,5-trinitro-1,3,5-triazine	ND*	ND*	ND*	ND*	PPB	Used in detonators, primers, mines, rocket boosters, and plastic explosives; used in fireworks and demolition blocks, and as a rodenticide.

ND* = Not Detected
PPB = microgram per liter