

State of California  
 Department of Public Health  
 Water Treatment Device  
 Certificate Number  
 10- 2050  
 Date Issued: August 12, 2010

**Trademark/Model Designation**

ESSENCE AHW-45

**Replacement Element(s)**

A-45

**Manufacturer:** Water Safety Corporation

The water treatment device(s) listed on this certificate have met the testing requirements pursuant to Section 116830 of the Health and Safety Code for the following health related contaminants:

**Microbiological Contaminants and Turbidity**

Cysts

**Organic Contaminants**

MTBE

VOCs

Alachlor  
 Atrazine  
 Benzene  
 Carbofuran  
 Carbon Tetrachloride  
 Chlorobenzene  
 Chloropicrin  
 2,4-D  
 DBCP  
 o-Dichlorobenzene  
 p-Dichlorobenzene  
 1,2-Dichloroethane  
 1,1-Dichloroethylene  
 cis-1,2-Dichloroethylene  
 trans-1,2-Dichloroethylene  
 1,2-Dichloropropane  
 cis-1,3-Dichloropropylene  
 Dinoseb

**Inorganic/Radiological Contaminants**

Lead

Endrin  
 Ethylbenzene  
 EDB  
 Haloacetonitriles (HAN)  
 Bromochloroacetonitrile  
 Dibromoacetonitrile  
 Dichloroacetonitrile  
 Trichloroacetonitrile  
 Haloketones (HK)  
 1,1-Dichloro-2-Propanone  
 1,1,1-Trichloro-2-Propanone  
 Heptachlor  
 Heptachlor Epoxide  
 Hexachlorobutadiene  
 Hexachlorocyclopentadiene  
 Lindane  
 Methoxychlor  
 Pentachlorophenol

Simazine  
 Styrene  
 1,1,2,2-Tetrachloroethane  
 Tetrachloroethylene  
 Toluene  
 2,4,5-TP (Silvex)  
 Tribromoacetic Acid  
 1,2,4-Trichlorobenzene  
 1,1,1-Trichloroethane  
 1,1,2-Trichloroethane  
 Trichloroethylene  
 Trihalomethanes (THMs)  
 Bromodichloromethane  
 Bromoform  
 Chloroform  
 Chlorodibromomethane  
 Xylenes

**Rated Service Capacity:** 800 gals

**Rated Service Flow:** 0.75 gpm

**Do not use where water is microbiologically unsafe or with water of unknown quality, except that systems certified for cyst reduction may be used on disinfected waters that may contain filterable cysts.**