

**Comparison of US FDA SOQs and US EPA MCLs With  
IBWA Model Code SOQs  
(revised 6/2002)**

MONITORING PARAMETER GROUP		IBWA MONITORING FREQUENCY	SOCs, MCLs, SMCLs, and Guidelines		
<i>Individual Group Analytes</i>					
<b>Inorganic Chemicals (IOCs)</b>		ANNUALLY (Product and Source)	<b>IBWA SOQ</b>	<b>FDA SOQ</b>	<b>EPA MCL</b>
	Arsenic		0.01	0.05	0.05
	Barium		1	2	2
	Chlorine		0.1	4.0	4.0
	Chromium		0.05	0.1	0.1
	Lead		0.005	0.005	0.015 AL
	Mercury		0.001	0.002	0.002
	Nickel (1)		0.1	0.1	
	Selenium	0.01	0.05	0.05	
<b>Secondary Inorganic Parameters</b>		ANNUALLY (Product and Source)	<b>IBWA SOQ</b>	<b>FDA SOQ</b>	<b>SMCL</b>
	Silver		0.025	0.1	0.1
<b>Volatile Organic Chemicals (VOCs)</b>		ANNUALLY (Product and Source)	<b>IBWA SOQ</b>	<b>FDA SOQ</b>	<b>EPA MCL</b>
	1,1,1-Trichloroethane		0.03	0.2	0.2
	1,1,2-Trichloroethane		0.003	0.005	0.005
	1,1-Dichloroethylene		0.002	0.007	0.007
	1,2,4-Trichlorobenzene		0.009	0.07	0.07
	1,2-Dichloroethane		0.002	0.005	0.005
	Benzene		0.001	0.005	0.005
	Methylene chloride (Dichloromethane)		0.003	0.005	0.005
	Monochlorobenzene		0.05	0.1	0.1
	Tetrachloroethylene		0.001	0.005	0.005
	Trichloroethylene		0.001	0.005	0.005
	Total Trihalomethanes		0.01	0.08	0.08
<b>Semivolatile Organic Chemicals (SVOCs)</b>		ANNUALLY (Product and Source)	<b>IBWA SOQ</b>	<b>FDA SOQ</b>	<b>EPA MCL</b>
	Di(2-ethylhexyl)phthalate		0.006	NA	0.006
	Total Recoverable Phenolics		0.001	0.001	NA
<b>Synthetic Organic Chemicals (SOCs)</b>		ANNUALLY (Product and Source)	<b>IBWA SOQ</b>	<b>FDA SOQ</b>	<b>EPA MCL</b>
	2,4,5-TP (Silvex)		0.01	0.05	0.05
	Aldicarb		0.003	NA	0.003
	Aldicarb sulfone		0.003	NA	0.003
	Aldicarb sulfoxide		0.004	NA	0.004
<b>Additional Regulated Contaminants</b>		ANNUALLY (Product and Source)	<b>IBWA SOQ</b>	<b>FDA SOQ</b>	<b>EPA MCL</b>
	Methyl tertiary butyl ether (MTBE)		0.07	NA	NA
	Naphthalene		0.3	NA	NA
	1,1,2,2-Tetrachloroethane		0.001	NA	NA
<b>Microbiological Contaminants</b>		DAILY / WEEKLY AT APPROVED LAB	<b>IBWA SOQ</b>	<b>FDA SOQ</b>	<b>EPA MCL</b>
	Total coliform / <i>E. coli</i>		No <i>Escherichia coli</i> detectable in a 100 ml portion/sample. No validated total coliform detectable in a 100 ml portion/sample as substantiated by resampling.	<b>MPN:</b> <9.2 organisms per 100 ml. <b>MF:</b> <4 CFU per 100 ml.	No more than 5% of monthly samples valid for total coliform.
<b>Water Properties</b>		ANNUALLY	<b>IBWA SOQ</b>	<b>FDA SOQ</b>	<b>GUIDELINE</b>
	Turbidity		0.5 NTU	5.0 NTU	0.5 NTU
	pH		5-7/6.5-8.5	NA	6.5-8.5