

Performance Data Sheets



Stream Drinking Water Systems have been tested according to NSF/ANSI Standard No. 53 for reduction of the substances listed below. The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system, as specified in NSF/ANSI 53 Health Effects.

Substance	Percent Reduction	Influence Challenge Concentration	Maximum permissible product water concentration
ALACHLOR*	>98%	0.05	0.001
ASBESTOS*	>99%	10 ⁷ to 10 ⁸ fibers/L	99% reduction requirement
ATRAZINE*	>97%	0.1	0.003
BENZENE*	>99%	0.081	0.001
BROMODICHLOROMETHANE (TTHM)*	>99.8%	0.3	0.015
BROMOFORM (TTHM)*	>99.8%	0.3	0.015
CARBOFURAN (Furadan)*	>99%	0.19	0.001
CARBON TETRACHLORIDE*	98%	0.078	0.0018
CHLORDANE	>99.4%	0.04 +/- 10%	0.002
CHLOROBENZENE (Monochlorobenzene)	>99%	0.077	0.001
CHLOROPICRIN*	99%	0.015	0.0002
CHLOROFORM (TTHM)* (surrogate chemical)	>99.8%	0.300 +/- .30	0.015
Cryptosporidium (CYST)	99.95%	minimum 50,000/ml	99.95%
CYST (Giardia; Cryptosporidium; Entamoeba; Toxoplasma)	99.95%	minimum 50,000/ml	99.95%
2, 4-D*	98%	0.110	0.0017
DBCP (see Dibromochloropropane)*	>99%	0.052	0.00002
1, 2-DCA (see 1, 2-DICHLOROETHANE)*	95%	0.088	0.0048
1, 1-DCE (see 1, 1-DICHLOROETHYLENE)*	>99%	0.083	0.001
DIBROMOCHLOROMETHANE (TTHM; Chlorodibromomethane)*	>99.8%	0.300	0.015
DIBROMOCHLOROPROPANE (DBCP)*	>99%	0.052	0.00002
o-DICHLOROBENZENE (1, 2 Dichlorobenzene)*	>99%	0.08	0.001
p-DICHLOROBENZENE (para-Dichlorobenzene)*	>98%	0.04	0.001
1, 2-DICHLOROETHANE (1, 2-DCA)*	95%	0.088	0.0048
1, 1-DICHLOROETHYLENE (1, 2-DCE)*	>99%	0.083	0.001
CIS-1, 2-DICHLOROETHYLENE*	>99%	0.17	0.0005
TRANS-1, 2-DICHLOROETHYLENE*	>99%	0.086	0.001
1, 2-DICHLOROPROPANE (Propylene Dichloride)*	>99%	0.08	0.001
CIS-1, 3-DICHLOROPROPYLENE*	>99%	0.079	0.001
DINOSEB*	99%	0.17	0.0002
EDB (see ETHYLENE DIBROMIDE)*	>99%	0.044	0.00002
ENDRIN*	99%	0.053	0.00059
Entamoeba (see CYSTS)	99.95%	minimum 50,000/ml	99.95%
ETHYLBENZENE*	>99%	0.088	0.001
ETHYLENE DIBROMIDE (EDB)*	>99%	0.044	0.00002
Furadan (see CARBOFURAN)*	>99%	0.19	0.001
Giardia Lamblia (see CYST)	>99.95%	minimum 50,000/ml	99.95%

** Percent reduction reflects actual performance of Stream product as specifically tested (at 200% of capacity). Percent reduction shown for VOCs* reflects the allowable claims for volatile organic chemicals/compounds as per tables. Chloroform was used as a surrogate for VOC reduction claims; the Stream Systems actual reduction rate of chloroform was >99.8% as tested.

HALOACETONITRILES (HAN)*:			
BROMOCHLOROACETONITRILE	98%	0.022	0.0005
DIBROMOACETONITRILE	98%	0.024	0.0006
DICHLOROACETONITRILE	98%	0.0096	0.0002
TRICHLOROACETONITRILE	98%	0.015	0.0003
HALOKETONES (HK)*:			
1, 1-DICHLORO-2-PROPANONE	99%	0.0072	0.0001
1, 1, 1-TRICHLORO-2-PROPANONE	96%	0.0082	0.0003
HEPTACHLOR*	>99%	0.025	0.00001
HEPTACHLOREPOXIDE*	98%	0.0107	0.0002
HEXACHLOROBUTADIENE (Perchlorobutadiene)*	>98%	0.044	0.001
HEXACHLOROCYCLOPENTADIENE*	>99%	0.060	0.000002
LEAD (pH 6.5)	>99.3%	0.15 +/- 10%	0.010
LEAD (pH 8.5)	>99.3%	0.15 +/- 10%	0.010
LINDANE*	>99%	0.055	0.00001
MERCURY (pH 6.5)	96.6%	0.006 +/- 10%	0.002
MERCURY (pH 8.5)	96.8%	0.006 +/- 10%	0.002
METHOXYCHLOR*	>99%	0.050	0.0001
Methylbenzene (see TOLUENE)*	>99%	0.078	0.001
Monochlorobenzene (see CHLOROBENZENE)*	>99%	0.077	0.001
MTBE (methyl tert-butyl ether)	96.6%	0.015 +/- 20%	0.005
POLYCHLORINATED BIPHENYLS (PCB, Aroclor 1260)	97.2%	0.01 +/- 10%	0.0005
PCE (see TETRACHLOROETHYLENE)*	>99%	0.081	0.001
PENTACHLOROPHENOL*	>99%	0.096	0.001
Perchlorobutadiene (see HEXACHLOROBUTADIENE)*	>98%	0.044	0.001
Propylene Dichloride (see 1, 2-DICHLOROPROPANE)*	>99%	0.080	0.001
SIMAZINE*	>97%	0.120	0.004
Silvex (see 2, 4, 5-TP)*	99%	0.270	0.0016
STYRENE (Vinylbenzene)*	>99%	0.15	0.0005
1, 1, 1-TCA (see 1, 1, 1-TRICHLOROETHANE)*	95%	0.084	0.0046
TCE (see TRICHLOROETHYLENE)*	>99%	0.180	0.0010
1, 1, 2, 2-TETRACHLOROETHANE*	>99%	0.081	0.001
TETRACHLOROETHYLENE*	>99%	0.081	0.001
TOLUENE (Methylbenzene)*	>99%	0.078	0.001
TOXAPHENE	>92.9%	0.015 +/- 10%	0.003
Toxoplasma (see CYSTS)	99.95%	minimum 50,000/ml	99.95%
2, 4, 5-TP (Silvex)*	99%	0.270	0.0016
TRIBROMOACETIC ACID*		0.042	0.001
1, 2, 4 TRICHLOROBENZENE*	>99%	0.160	0.0005
1, 1, 1-TRICHLOROETHANE (1, 1, 1-TCA)*	95%	0.084	0.0046
1, 1, 2-TRICHLOROETHANE*	>99%	0.150	0.0005
TRICHLOROETHYLENE (TCE)*	>99%	0.180	0.0010
TRIHALOMETHANES (TTHM) (Chloroform; bromoform; bromodichloromethane; dibromochloromethane)	>99.8%	0.300 +/- .30	0.015
TURBIDITY	98.8%	11 +/- 1 NTU	0.5 NTU
Unsym-Trichlorobenzene*	>99%	0.160	0.0005
Vinylbenzene (see STYRENE)*	>99%	0.150	0.0005
XYLENES (TOTAL)*	>99%	0.070	0.001

Note: This addresses the U.S. Environmental Protection Agency (USEPA) Primary and Secondary Drinking Water Regulations in effect at its time of publication, as they relate to Stream's performance in conformance to the industry performance criteria. These regulations are continually being updated at the Federal level. Accordingly, this list of MCLs will be reviewed and amended when appropriate.

A. NSF/ANSI 42 - AESTHETIC EFFECTS

The system has been tested according to NSF/ANSI 42 for reduction of the substances listed below. The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system, as specified in NSF/ANSI 42.

CHLORAMINE as Aesthetic Effect (As Monochloramine)	>97%	3.0 mg/L +/- 10%	0.5 mg/L
CHLORINE as Aesthetic Effect	>97%	2.0 mg/L +/- 10%	> or = 75%*
PARTICULATE , (Normal Particulate Reduction, Class I, Particles 0.5 TO <1 UM)	Class I >99%	At Least 10,000 particles/mL	> or = 85%*

1. Stream Drinking Water Systems have been certified by NSF International for compliance to NSF/ANSI Standard Nos. 42 and 53.

2. Chloroform was used as a substitute for claims of reduction of VOCs, where the Stream System's actual reduction rate of chloroform was greater than 99.8% when tested at 200% capacity. Stream Drinking Water Systems have been certified by the State of California Department of Public Health for the reduction of specific contaminants listed herein.

3. Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected waters that may contain filterable cysts.

4. Stream's housing is warranted for a lifetime (with annual cleaning); all exterior hoses and attachments to the System are warranted for one year. Please see the owner's manual for complete product guarantee and warranty information.

5. Please see the owner's manual for installation and operating procedures.

6. In compliance with New York law, New York residents should have their water supply tested to determine their actual water treatment needs before purchasing a water treatment system. Please compare the capabilities of the Stream unit with your actual water treatment needs.

7. While testing was performed under standard laboratory conditions, actual performance may vary.

8. The list of substances that this device reduces does not necessarily mean that they are present in your tap water.

B. Operational Specifications

Model Number:	Stream Flow (F1)
Replacement Filter Type:	Stream Flow Cartridge (FC1)
Approximate Filter Capacity:	750 gallons
Approximate Flow Rate at 60 psi:	0.75 gpm
Maximum Working Pressure:	100 psi / 8.8 kg/cm ²
Minimum Working Pressure:	30 psi / 2.1 kg/cm ²
Maximum Operating Temperature:	100 °F / 38 °C for cold water use only
Minimum Operating Temperature:	32 °F / 0 °C for cold water use only

C. California Certification Department of Public Health

California Department of Public Health Certification Number #13-2190. For conditions of use, health claims certified by the CA Department of Public Health, and replacement parts, see Product Data Sheet/Owner's Manual.

State of California Department of Public Health
Water Treatment Device
Certificate Number
13-2190
 Date Issued: October 3, 2013

Trademark/Model Designation

Stream Flow FL
 Stream Flow Plus FPL

Replacement Elements

FC1
 FC1

Manufacturer: Stream Laboratories, Inc.

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
 Turbidity

Inorganic/Radiological Contaminants

Asbestos
 Lead
 Mercury

Organic Contaminants

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

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

PCB
 Simazine
 Styrene
 1,1,2,2-Tetrachlorethane
 Tetrachloroethylene
 Toluene
 Toxaphene
 2,4,5-TP (Silvex)
 Tribromoacetic Acid
 1,2,4-Trichlorobenzene
 1,1,1-Trichloroethane
 1,1,2-Trichloroethane
 Trichloroethylene
 Trihalomethanes (THM's)
 Bromodichloromethane
 Bromoform
 Chloroform
 Chlorodibromomethane
 Xylenes

Rated Service Capacity: 750 gallons

Rated Service Flow: 0.75 gpm

Conditions of Certification

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

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