



Jim Doyle, Governor
Cory L. Nettles, Secretary

July 27, 2004

ECOWATER SYSTEMS INC
MARGARET BICKING
P O BOX 64420
ST PAUL MN 55164

SEARS ROEBUCK AND COMPANY
MARGARET BICKING
PO BOX 64420
SAINT PAUL MN 55164-0420

Re: Description: WATER TREATMENT DEVICE-ACTIVATED CARBON
Manufacturer: SEARS ROEBUCK AND COMPANY
Product Name: KENMORE UNDERSINK WATER FILTER
Model Number(s): 625.384540 USING THE 42-34373 CARTRIDGE
Product File No: 20040306

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters Comm 82 through 84, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an approval based on the Wisconsin Statutes and the Wisconsin Administrative Code. This approval is valid until the end of July 2009.

This approval is contingent upon compliance with the following stipulation(s):

- This product has undergone sufficient testing to document the product's ability to reduce only those contaminants and/or substances as specified in this approval letter when the product is installed and maintained in strict accordance with the manufacturers published instructions.
- For buildings not served by a municipal water supply, Department of Natural Resources (DNR) written approval may be required prior to installation of this product in a water supply system to reduce the concentration of a contaminant that exceeds the primary drinking water standards contained in ch. NR 809, Wis. Admin. Code, the enforcement standards contained in ch. NR 140, Wis. Admin. Code, or for a water supply system that is subject to a written advisory opinion by the DNR. For more information contact the DNR Section of Private Water Systems, P.O. Box 7921, Madison, WI 53707, telephone (608) 266-3415.
- If this approved device is modified or additional assertions of function or performance are made, then this approval shall be considered null and void, unless the change is submitted to the department for review and the approval is reaffirmed.

Based on testing data submitted to and reviewed by the department, this approval recognizes that this plumbing product will reduce the concentration of contaminants as specified on pages 1 through 2 of this letter.

**AESTHETIC CONTAMINANT REDUCTION CAPABILITIES
PRODUCT FILE NUMBER 20040306
TABLE 1 OF 1**

Flow Rate: 2.3 liters (l) [0.6 gallon per minute (gpm)]
Capacity: 17,034 liters (l) [4,500 gallons (gals.)]

Tested Contaminant	Influent Challenge (mg/l) ¹
Chlorine (free)	2.0 ± 10%

Other Conditions: the contaminant reduction performance capabilities displayed for Table 1 of 1 was verified by testing conducted in accordance with NSF *International* Standard 42. To qualify for free chlorine reduction, the device must reduce the influent challenge concentrations by $\geq 75\%$; meeting the free chlorine reduction requirements also qualifies the device for the reduction of aesthetic, organic, taste and odor reduction (e.g. geosmin, methylisoborneol); this does not include hydrogen sulfide.

¹ = milligrams per liter (mg/l) are equivalent to parts per million (ppm)
 \geq = greater than or equal to
 \pm = plus or minus

This device was tested under controlled laboratory, or field, conditions. The actual performance of this device for a specific end use installation will vary from the tested conditions based on local factors such as water pressure, water temperature and water chemistry.

The department is in no way endorsing this product or any advertising, and is not responsible for any situation that may result from its use.

Sincerely,

Glen W. Schlueter
Engineering Consultant-Plumbing Product Reviewer
Bureau of Integrated Services
Safety and Buildings Division
Department of Commerce
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GWS:gws