



October 15<sup>th</sup>, 2010

**REVISED COPY**

HELLENBRAND WATER CONDITIONING  
JOHN FETZER  
404 MORAVIAN VALLEY ROAD  
WAUNAKEE WI 53597

SPRINGVILLE TAP  
LARRY RHINEHART  
999 HIGHWAY 82  
WISCONSIN DELLS WI 53965-8854

Re: Description: SITE SPECIFIC WATER TREATMENT DEVICE  
Manufacturer: SPRINGVILLE TAP  
Product Name: SPRINGVILLE TAP (POE/NITRATE)  
Model Number(s): SPRINGVILLE TAP (POE/NITRATE)  
Product File No: 20100376

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 October 2015.

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 manufacturer's published instructions.
- Where the Department of Natural Resources (DNR) has jurisdiction, a 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) 267-9787.
- 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.
- This installation must undergo a final inspection prior to the device being put into service. The Plumbing Consultant having jurisdiction in this area is Ryan Boebel. Mr. Boebel can be contacted via the following:

Phone: 608-412-3998  
Fax: 608-283-7449  
E-mail: ryan.boebel@wi.gov

When the final inspection has been completed, this department will notify the Wisconsin Department of Natural Resources (WDNR). The WDNR will then monitor the performance of the device(s) to its satisfaction. A suggested frequency and overall duration of monitoring is provided elsewhere in this letter.

If these devices are installed and put in service prior to obtaining a final inspection, then any pertinent approval for the site specific device is immediately rendered null and void and the device may be ordered removed.

- The suggested monitoring interval for this installation is quarterly. As a minimum, the following tests should be performed:

1. nitrate
2. nitrite

The samples should be collected at a time of day when the device is under stress and at a time most remote from the last regeneration cycle as possible.. Because this device is reportedly being installed on a CPVC water supply system, concerns relating to decreased alkalinity and subsequent corrosion are not applicable.

- The anion exchange, nitrate reduction device being installed is approved under Dept. of Commerce product file number 20100292. The approval letter can be viewed at:

<http://commerce.wi.gov/sb/docs/sb-ppalopp/wtd/20100292.pdf>

All stipulations displayed in the approval letter for product file number 20100292 must be adhered to.

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 3 of this letter.

**NITRATE REDUCTION CAPABILITIES**

Model Number	Salt 1 (lbs.)	Capacity 1* (grains)	Salt 2 (lbs.)	Capacity 2* (grains)	Salt 3 (lbs.)	Capacity 3* (grains)	Max. Flow (gpm)
H125-NRS-20‡	10.0	16,800	20.0	20,400	30.0	22,000	8

\* = Flow restrictors must be installed to prevent exceeding the flow rate displayed

♦ = capacities listed at 25% SO<sub>4</sub><sup>2-</sup>

‡ = Triplex Demand Recall

1 grain = 64.79891 mg

1 grain/gal. = 17.1 mg/l

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 which 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  
 (608) 267-1401 **Phone**  
 (608) 267-9566 **Fax**  
 glen.schlueter@wi.gov **Email**  
 8:00AM – 4:30PM CDT **Work Hours**

GWS:gws