

New Product Or Technology Review Policy

Effective Date:

Policy, SOP or Guideline # 89-01

Program Applicability

Supercedes Policy, SOP or Guidance #:

Approved by: Glenn Haas

This policy is adopted to provide the Drinking Water Program (DWP) with a consistent policy for reviewing new products including drinking water additives or new technology for use in the Commonwealth. The scope of this policy includes products and technology that treat, store, or transmit water. These include, but are not limited to, drinking water additives, filtration devices, coatings, pipes and tanks. This policy uses the results of other primacy state reviews resulting in a more cost-effective and comprehensive review.

Policy

It is the policy of the Program to grant final approval for new products or new technology only after one full year of successful application in Massachusetts under the terms of a Conditional Approval.

A. Request For Approval

Applicants for approval are to be instructed to submit the following information to the Boston Office of the Division.

1. Plans and specifications for the product or technology.
2. A list of product applications for public water supplies.
3. Information on conformance with any third party or national code, in particular National Sanitation Foundation (NSF), Environmental Technology Verification (ETV), Underwriters Laboratory (UL) or American Water Works Association (AWWA). Approval from EPA prior to April 1990 will be accepted.
4. If NSF, ETV, UL or AWWA approvals have not been conferred, the following shall also be submitted:
 - Written approval for use in three (3) primacy states along with addresses and phone numbers of the approving agency.
 - Verifiable water quality monitoring data from an independent laboratory and/or another primacy state on the effectiveness of the process.
 - Information on any EPA review or registration.

B. Conditional Approval

Conditional Approval will be granted if the product or technology has NSF, UL or AWWA approval OR if the product or technology has been used in the USA for at least five (5) years and has been approved and used successfully, for at least two (2) years in three (3) states, including a New England state or New York; OR is subject to an appropriate pilot operation study.

Conditional Approval will be granted for use of drinking water additives if approved for public water supply use by NSF and AWWA.

All requests conforming to item A (4) above will be reviewed and verified by the Water Quality Assurance (WQA) staff in Boston.

The WQA staff will make a recommendation to the DWP Director and Section Chiefs whether to 1) grant conditional approval or 2) require piloting, or 3) disapprove pending further development by the applicant.

A product or technology receiving conditional approval can be used by a public water system in Massachusetts for a period of one year subject to close monitoring, unless ordered to cease operation at an earlier date.

C. **Final Approval**

After one year of use under a Conditional Approval, the monitoring results of the operation and all similar applications of the product or technology in Massachusetts will be reviewed by the regional Section Chief who will make recommendation to the Director whether (1) grant final approval, or (2) grant final approval with conditions, or (3) continue conditional approval for another year, or (4) disapprove pending further development by the applicant.

Glenn Haas, Director
Division Watershed Management

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Amended: 06/24/2004