

WASHINGTON STATE BOARD OF HEALTH

Date: October 12, 2022

To: Washington State Board of Health Members

From: Umair A. Shah, MD, MPH, Secretary of Health

Subject: Emergency Rulemaking for On-Site Sewage Systems, WAC 246-272A-0110—Proprietary Treatment Products and Supply Chain Shortages

Background and Summary:

On June 8, 2022, the State Board of Health (Board) adopted an emergency rule to address supply chain shortages associated with on-site sewage system proprietary treatment products regulated under WAC 246-272A-0110. The Washington Department of Health (Department) requested the emergency rule. That emergency rule expires today, October 12, 2022.

The Department is asking the Board to adopt a second emergency rule to allow retrofits and maintenance of proprietary treatment products with comparable components during continued supply chain shortages or similar manufacturing disruptions to avoid public health risks associated with poor system performance. The following information further explains the Department's emergency rule request, concurrent rulemaking on the full chapter, and implementation status of the emergency rule.

The Board has rulemaking authority for on-site sewage systems with design flows less than three thousand five hundred gallons per day. The Board's rules set comprehensive standards for the siting, design, installation, use, care, and management of these small on-site sewage systems. The Department and local health jurisdictions jointly administer the rules.

Under RCW 34.05.350, the Board may adopt emergency rules when it finds that emergency adoption of a rule is necessary for the preservation of public health, safety, or general welfare, and that observing the time requirements of notice and opportunity to comment upon adoption of a permanent rule would be contrary to the public interest. Emergency rules are effective for 120 days. Identical or substantially similar emergency rules may be adopted in sequence if conditions have changed or the agency is actively undertaking the appropriate procedures to adopt the rule as a permanent rule.

In 2018, the Board filed a CR-101, Preproposal Statement of Inquiry, WSR 18-06-082, to initiate permanent rulemaking and update the on-site sewage system rules, chapter 246-272A WAC. That rulemaking is still underway and is expected to conclude in 2023. Amending WAC 246-272A-0110 to address supply chain shortages associated with on-site sewage system proprietary treatment products fits within the existing CR-101 and staff are working to include it in the permanent rulemaking as previously directed.

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The rules require installation of on-site sewage systems that are approved by the Department for use in Washington and that are designed to provide adequate treatment of sewage on the properties they serve. This includes the use of proprietary or trademarked technologies that are properly tested, approved, and registered for use in the state based on the Board's rules.

Homeowners, service providers, and regulators are continuing to experience supply chain shortages and other manufacturing disruptions that are affecting the maintenance and repair of proprietary systems currently in use as well as the installation of new systems. This is due mainly to the shortage of a specific product used in many proprietary systems—a disinfecting ultraviolet light manufactured by Salcor Inc.—as well as other parts and components that continue to be in short supply and are integral to the performance of these on-site sewage systems.

The shortage of replacement parts and components threatens system maintenance and public health and safety due to poor system performance. Failure to maintain on-site sewage systems easily and properly can also impede system inspections associated with property-transfer transactions.

There are thousands of on-site sewage systems in Washington that use the Salcor disinfecting ultraviolet light, and many types of proprietary products serve properties with challenging site conditions such as small lots, poor soils, and proximity to surface waters that compound the public health risks associated with this supply chain shortage.

Jeremy Simmons, Manager of the Department's On-Site Wastewater Management Program, will explain the Department's request for this second emergency rule to continue to allow manufacturers of registered proprietary treatment products to replace system components that are unavailable with comparable components that will not negatively impact performance, treatment, operation, or maintenance of the original registered product. He will also update the Board on activity to date reviewing and approving these component-replacement requests from manufacturers. Given the possibility of continuing or future shortages, staff will continue to research this issue and address it in the permanent on-site sewage system rulemaking.

Recommended Board Actions:

The Board may wish to consider and amend, if necessary, the following motion:

The Board directs staff to file a second CR-103E, Emergency Rulemaking Order, to amend WAC 246-272A-0110 within chapter 246-272A WAC to help ensure on-site sewage system proprietary treatment products continue to function properly without negatively impacting treatment, operation, or maintenance during supply chain shortages.

Staff

Stuart Glasoe

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