

**567—53.4 (455B) Designation procedure.** The procedure for designation of a protected source shall be a rule-making proceeding to amend the list of protected sources in rule 567—53.7(455B). In addition to the requirements of rule 561—5.1(17A), as adopted by reference in 567—Chapter 5, an interested person who petitions the department to designate a protected water source may also be required to provide further supporting information including, but not limited to:

**53.4(1)** Facts and arguments demonstrating that existing rules and the opportunity for public participation in the application review and decision-making procedures of rules 567—50.7(17A,455B) to 567—50.9(17A,455B) are inadequate to ensure the long-term availability of the source and to preserve the public health and welfare.

**53.4(2)** Predictive geohydrological and chemical analyses of the groundwater source if the basis of the petition is to prevent or minimize the movement of known or suspected contaminants.

**53.4(3)** Facts and arguments demonstrating the effect that additional withdrawals from a stream or stream segment proposed for designation would have on downstream discharges, surrounding alluvial systems, natural biological systems, and potential changes in the frequency at which the protected stream discharge levels are reached.

This rule is intended to implement Iowa Code sections 455B.262, 455B.264 through 455B.274 and 455B.278.