

Private Well Initiative Logic Model

Project: 2009 Private Well Water Symposium

Goal: To reduce the risks associated with groundwater use to private well water users.

Situation Statement: The health and livelihood of New Englanders depends on the availability of a safe drinking water supply. About twenty percent of the region's residents rely on private wells as their source of drinking water. Contaminants present in private drinking water wells can pose a risk to families. However, private wells are not regulated to the extent that public drinking water supplies are, and private well owners are responsible for the quality of their own drinking water. Changing property laws and regulations have created an increased demand for well water testing and educational information. There is more information on the health effects of contaminants and their occurrence throughout the region. The occurrence and distribution of drinking water contaminants are being incorporated into GIS systems and utilized to identify hot spots. This information can be used to better communicate to private well owners the need for regular testing their drinking water supply and what to test for. Throughout the region, there is a migration of residents from the urban corridors to more rural areas where we see an increased reliance of private wells for drinking water purposes. The Private Well Initiative is a multi-state, inter-agency initiative that is a result of regional programming and coordination efforts. It helps to educate private well owners of potential man-made and naturally-occurring contaminant risks to their wells and how to protect against these risks. Achieving long term outcomes will require better education, science, and policy.

Purpose: To bring together professionals working in the field of private well protection and provide the opportunity to communicate current research, share programming, and educational approaches and materials, and to interact with each other in an effort to reduce the risks associated with groundwater use by private well owners. The Symposium seeks to encourage a cross-disciplinary approach to private well water protection, blending education, science, and policy. We will integrate research, Extension, and education interests in a two-day forum to enhance the protection of private drinking water supplies throughout New England.

External Factors: Budgets, contaminant occurrences, legislation, regulation

Assumptions: Target audience will attend. Target audience has budget to attend. Symposium is effective educational tool to achieve protection.

Inputs and Resources	Activities	Outputs	Objectives (SMART)	Short-Term Outcomes	Mid-Term Outcomes	Long-Term Outcomes
Water quality Extension staff from the Universities of Maine, New Hampshire, and Rhode Island and Cornell University Initiative Partners Office	Hold the Northeast Private Well Water Symposium, November 2009 in Portland Maine	<p>Activities: Sponsor the Northeast Private Well Water Symposium, November 2009</p> <p>Audience: 150 participants including representatives from:</p> <ul style="list-style-type: none"> • Federal, state, & local water agencies and organizations • Researchers • Educators/Extension professionals 	<p>Evaluation results are based on responses we receive from the post-session questionnaire.</p> <ol style="list-style-type: none"> 1. At least 85% of respondents will agree that the Symposium provided an effective avenue for exchanging ideas about private well water issues. 2. At least 70% of respondents will report a significant increase in 	<ol style="list-style-type: none"> 1. A greater exchange of ideas among scientists, regulators, technical professionals, and educators about private well water concerns. 2. Increased knowledge among participants about current contaminants of concern, contaminant analysis, contaminant occurrence, water treatment systems, best protection practices, 	<ol style="list-style-type: none"> 1. Participants apply information, technique, or perspective they've learned from the Symposium into their work. 2. Participants apply something they learned from another discipline into their work. 3. Increased 	<ol style="list-style-type: none"> 1. Reduction of the health risks associated with groundwater use to private well water users. 2. High quality and sufficient quantity of groundwater resources for drinking water supplies.

<p>equipment & supplies</p> <p>URI Conference Office</p> <p>Conference location</p> <p>Audio visual equipment</p> <p>Symposium proceedings</p> <p>Marketing materials (postcards, conference brochure)</p> <p>Funding – grants, registration, sponsorships</p>		<ul style="list-style-type: none"> Private sector professionals <p>Products:</p> <ul style="list-style-type: none"> Symposium website Symposium proceedings Final report 	<p>knowledge in at least one of the Symposium topic areas.</p> <p>3. At least 30% of respondents will report that they anticipate contacting at least one expert/colleague they identified through the event within the year.</p> <p>4. At least 60% of respondents will report the integration of some knowledge gained from the Symposium into their educational efforts within one year.</p> <p>5. At least 90% of respondents will express a positive opinion about the utility of this event as a regular event in the future.</p> <p>6. At least 50% of respondents will report that they will consider changes in policy, science or educational approaches to address private well water protection.</p> <p>7. At least 50% of respondents will report that they will consider cross disciplinary approaches to private well water protection.</p> <p>8. At least 70% of respondents will express recognition of the Initiative as a leader in private drinking water well protection.</p>	<p>epidemiology, effective risk communication strategies, and policy</p> <p>3. Participants report a high degree of satisfaction with the Symposium as a regular event for professional satisfaction and training.</p> <p>4. Participants report a greater willingness to collaborate.</p> <p>5. Participants consider cross disciplinary approaches to private well protection.</p> <p>6. Participants consider changes in policy, science, and education to address private well water protection.</p> <p>7. Participants recognize Initiative as a leader in private drinking water well protection.</p>	<p>collaboration among participants</p>
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