**Risk-Ranking Matrix Used in Susceptibility Determination**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **A****Potential Contaminant Source** | **B****Contaminant\*****High Concern = 3****Moderate****Concern = 2****Low Concern = 1** | **C****Location within delineation area?****Yes = 1****No = 0** | **D****Natural barriers** **(e.g., clay layer above aquifer)****Low = 2****Moderate = 1****High = 0** | **E****Intake integrity** **(for surface water systems)****1 = more than 10 years old****0 = less than 10 years old** | **F****Well Integrity (ground-water systems)****1 = poor condition****0 = good condition** | **G****History****contami-nant detected in this source?** **1 = Yes****0 = No** | **H****Total** |
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\*This factor includes the toxicity and quantity of the contaminant. A carcinogen or disease organism (e.g., *giardia lamblia*) present in large quantity would rank higher than a chemical that produces no systemic effects and is present in small quantities.