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

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **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.