

567—152.3(455B) Siting criteria. The siting authority shall use the following criteria in selecting sites for facilities.

152.3(1) Exclusionary criteria. No facility shall be sited within:

- a. An area of seismic risk category of “4” or greater;
- b. A 100-year floodplain;
- c. A dam hazard area;
- d. An area with less than 100 feet of aquitard between the base of operation and the subjacent aquifer;
- e. One mile of a geologic hazard structure;
- f. One mile of a karst area;
- g. One mile of an area of past or present surface or underground mining activity;
- h. One mile of wetland;
- i. Any protected basin; or
- j. Ten miles of any nuclear power plant.

152.3(2) Quantitative criteria. The quantitative criteria and corresponding values which are to be applied are in Table 1 as follows:

Table 1

	Value Assigned		
	<u>5 points</u>	<u>2 points</u>	<u>Excluded</u>
Mineral and Energy Resources	No significance present within one mile	Significant presence with perpetual ban on recovery	—
Drinking Water Sources	No sources within one mile	Source permanently closed and alternative water source provided	—
Critical Wildlife Habitats	No habitat within one mile	Permanent buffer and no interference	Interference
Conservation Areas	No area within one mile	Permanent buffer and no interference	Interference
Cultural Areas	No area within one mile	Permanent buffer and no interference	Interference
Population Areas	No area within one mile	Permanent buffer and no interference	Interference
Prime Farmland	Less than 25% prime farmland	More than 25% prime farmland	—
Nonattainment With NAAQS	No significant impact predicted	Little significant impact predicted	—
Prevention of Significant Deterioration	Good data available and sufficient increments	Little data available but increment available	—
Transportation Routes	Within 5 miles of major highway, 10 miles of a rail line, and 50 miles of interstate highway	Beyond 5 miles from major highway, 10 miles of a rail line, or 50 miles from interstate highway	—

Table 1

	Value Assigned		
	<u>5 points</u>	<u>2 points</u>	<u>Excluded</u>
Proximity to Major Generators	Within 50 miles of major generators	Beyond 50 miles from generators	—
Utilities and Services	Accessible services available	Sites needing services extended	—

152.3(3) Methodology. The methodology to be used by the siting authority in applying these criteria is contained in the report “Hazardous Waste Management Facility Siting Criteria and Methodology, August 1987” which is adopted by reference. The criteria listed in this rule shall be applied in three steps as follows:

- a.* Step 1. The exclusionary criteria shall be applied to the entire state. Step 2 shall be applied to those areas remaining.
- b.* Step 2. The quantitative criteria shall be applied to the nonexcluded areas identified in Step 1. The values in Table 1 shall be applied and the potential sites ranked in order of priority.
- c.* Step 3. The top rated potential sites shall be subject to detailed evaluation. The best site for the facility shall be selected.