**Section 391.APPENDIX F General Buffer Area, Geological and Topographic Criteria for Sludge Application**

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| SLUDGE APPLICATION METHOD |
| Incorporation or Injection  | 20 ft. from occupied dwelling. 10 ft. from closet edge of traveled portion of public road or within fence. 200 ft. from surface water. |
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| Ridge and Furrow  | 200 ft. from occupied dwelling. 200 ft. from closest edge of traveled portion of public road or within fence. 200 ft. from surface water. |
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| Dewatered material or Splash Plate to Land Surface  | 200 ft. from occupied dwelling. 200 ft. from closest edge of traveled portion of primary and secondary public roads; or 10 ft. from closest edge public roads; or within fence. 200 ft. from surface water. |
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| Low Pressure Sprayers (<50 psi (as measured from outer boundary of spray)  | 200 ft. from occupied dwelling. 200 ft. from closest edge of traveled portion of public road. 200 ft. from surface water, waterways or flood plains. Wind velocity <15 mph. |
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| High Pressure Sprayers (>50 psi) (as measured from outer boundary of spray)  | 1000 ft. from occupied dwelling. 1000 ft. from closest edge of traveled portion of public road. 1000 ft. from surface water, waterways or flood plains. Wind velocity <15 mph. |
| GEOLOGICAL CONSIDERATIONS |
| Minimum Depth of Earth Cover to the Mean Annual Water Tale  | 10 ft. with rapid permeability (greater than 2.0 inches/hr)5 ft. with moderate to slow permeability (less than 2.0 inches/hour) |
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| Distance from Potable Water Well  | 150 ft. in all instances, however, if a water supply is located in a consolidated bedrock (such as limestone) or sinkhole area and is within one-fourth of a mile of the sludge application site, then 50 foot depth of non-sandy, non-gravelly unconsolidated material is needed for water supply protection |
| TOPOGRAPHIC CONSIDERATIONS |
| Maximum Slope  | 8% (incorporation)\* |
|  | 5% (surface application)\* |
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| Application to Waterways  | Not allowed |
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| Application in a flood plain having a flooding frequency more often than once every ten years  | Only if approved by Agency after review of project. |
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| \*May be exceeded under certain conditions. See discussion in Section 391.404. |