**Section 905.APPENDIX A Illustrations and Exhibits**

**Section 905.ILLUSTRATION D Location of Components of Private Sewage Disposal Systems**

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| MINIMUM DISTANCE ALLOWABLE FROM 1,2 |
|  | Artificial Drain |
| COMPONENT PART OF SYSTEM | Cistern Well, or Suction Line from Pump To Well | Water Supply Line3 Pressure | Lake, Stream In ground Swimming Pool or Other Body of Water | Property Dwelling | Property Line4 |
| FEET | FEET | FEET | FEET | FEET | FEET |
| Building Sewer 5 | 50 | 10 | 25 | – | – | – |
| Septic Tank or Aerobic Treatment Plant | 50 | 109 | 25 | 5 | 5 | – |
| Distribution Box | 75 | 10 | 25 | 10 | 5 | – |
| Subsurface Seepage System | 75 | 25 | 25 | 10 | 5 | 10 |
| Sand Filter | 75 | 25 | 15 | 10 | 5 | 10 |
| Privy | 75 | 25 | 25 | 20 | 5 | 10 |
| Waste Stabilization Pond | 75 | 25 | 25 | 20 | 5 | 10 |
| Surface Discharge Effluent Line  | 50 | 10 | – | – | 5 | – |
| Effluent Receiving Trench | 75 | 25 | 15 | 10 | 5 | 10 |
| Treated Effluent Discharge Point6 | 50 | 10 | − | 20 | 25 | 25 |
| Class V Injection Wells7 | 2008 | 25 | 25 | 10 | 5 | 10 |
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| 1 These distances have been determined for use in clay, silt and loam soils only. The minimum distances required for use in sand or other types of soil shall be determined for the proposed private sewage disposal system and approved by the Department. Approval will be given if the Department determines that the soil will provide treatment of the sewage. |
| 2 For separation distances to closed loop wells, see 77 Ill. Adm. Code 920.180. |
| 3 See Section 905.20(d) for additional details on water line and sewer separation. |
| 4 If a common property is used, the boundary of the common property shall be used. |
| 5 The building sewer or surface discharge effluent line may be located to within 10 feet of a well or suction line from the pump to the well when cast iron pipe with mechanical joints or Schedule 40 PVC pipe with watertight joints is used for the building sewer or surface discharge effluent line. |
| 6 Any surface discharging system installed, repaired or renovated after January 1, 2014. |
| 7 Class V Injection Wells are defined in Illinois Pollution Control Board rules. They are typically a shallow well used to place fluids directly below the land surface. See, e.g., 35 Ill. Adm. Code 704.105. 704.106 and 704.280. |
| 8 A lesser separation distance may be obtained with approval or a waiver from IEPA. |
| 9There shall be 25 feet separation from public water supply water mains and water service lines. The terms public water supply, water main and water service line shall have the same meaning as in the Illinois Pollution Control Board's Public Water Supplies rules. See, e.g., 35 Ill. Adm. Code 653.118 and 653.119. |

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(Source: Amended at 37 Ill. Reg. 14994, effective August 28, 2013)