



# MONTGOMERY COUNTY HEALTH DEPARTMENT

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## **INDIVIDUAL WATER ISOLATION DISTANCES**

Minimum isolation distances shall be maintained from the individual water supply, irrigation well and open-loop geothermal well to the facilities listed below. Closed-loop geothermal well installations require one half the isolation distances listed below at a minimum.

	<u>SOURCE OF POLLUTION</u>	<u>MINIMUM DISTANCE</u>
1.	Delineated wetlands or floodplains.	25 feet
2.	Lakes, ponds, streams or other surface waters.	25 feet
3.	Storm drains, retention basins, storm water stabilization ponds, rainwater pits.	25 feet
4.	Community spray irrigation site: sewage sludge and septage disposal sites.	100 feet
5.	Farm silos, barnyards, manure pits or tanks or other storage areas of animal manure.	200 feet
6.	Subsurface sewage absorption areas, elevated sand mounds, cesspools, sewage seepage pits, single family spray irrigation system, etc.	100 feet
7.	Septic tanks, aerobic tanks, sewage pump tanks, holding tanks.	50 feet
8.	Gravity sewer lines and drains carrying domestic sewage or industrial waste (unless item 9 applies).	50 feet
9.	Gravity sewer lines and drains using cast iron pipe with watertight lead caulked or neoprene gasketed joints, or Schedule 40 polyvinylchloride (PVC) pipe with solvent welded joints.	10 feet
10.	Sewer lines and drains carrying domestic sewage or industrial waste under pressure (except welded steel pipe or concrete encased pipe).	50 feet
11.	Commercial preparation area or storage area of hazardous spray materials, fertilizers or chemicals; salt piles.	300 feet
12.	Other potential sources of pollution as determined by MCHD.	As approved

Any proposed deviation or modification from the above isolation distances must be submitted in writing to MCHD stating reasons for such deviation or modification. Upon review of the material, a waiver may be granted. Additional conditions may be required prior to permit issuance.