

SUMMARY OF AUSTIN WATER 3rd QUARTER 2016 CHANGES TO UCM SECT. 2.9.4

- Section 2.9.4.A.5 – This change is being made to clarify when flow measurements may be used in designing wastewater lines.
- Section 2.9.4.B.5 – This is being added because the UCM does not allow 10” wastewater mains and we do not want the Engineer to confuse the two requirements.
- Section 2.9.4.C.4 – This is being added to specify the amount of separation distance between gas and wastewater lines. There is not state regulation regarding wastewater lines and dry utilities. This will also apply to all other dry utilities and wastewater lines.
- Section 2.9.4.C.6 – This is being added to keep Engineers from filling or cutting in excess above wastewater lines.
- Section 2.9.4.C.6.a,b,c – This change is being made to require the same minimum depth of new wastewater pipes for both proposed and existing streets at 66 inches below the ground elevation. It also replaces “of cover” with “below ground elevation to be consistent with the details.
- Section 2.9.4.D.1.h – This is being added to ensure the manhole is placed at the main and not at another location along the service.
- Section 2.9.4.D.3 – This is being added to specify the need for bolted watertight covers in the TCEQ Edwards Aquifer Recharge Zone.
- Section 2.9.4.D.4 – This is being added since the Engineers are already required to perform a Manhole Assessment and Inspection Report from the reviewers when they are connecting to an existing manhole.
- Section 2.9.4.D.6 – This is being changed to specify that the utility does not want external drops over 15’ deep where re-excavating the massive block of concrete encasement is a huge effort and cost.
- Section 2.9.4.D.7.Note 2 – This is being added to specify that large diameter manholes means “a five (5) foot or larger diameter manhole.”
- Section 2.9.4.D.7.Note 3 – This is being removed because we don’t want to restrict the Engineer to only junction boxes when access is 42” and larger.
- Section 2.9.4.D.7.Note 4 – This is being changed to Note 3 and added to provide the minimum separation distance for new precast manholes.
- Section 2.9.4.D.7.Note 4 – This is being added to provide working room to maintenance crews who will need to work in manholes.
- Section 2.9.4.D.8 – This is being added to differentiate between constructing a new wastewater line or water line.
- Section 2.9.4.D.9 – This is being requested to be removed as an unnecessary mandate. The designer and Austin Water should determine which base should be used based on the site specific conditions.
- Section 2.9.4.D.10 – This is being changed to “D.9.” We are removing the 0.1 feet minimum difference between the inlet and out pipe. The minimum slope of 2.5% takes care of this requirement. The information was redundant.
- Section 2.9.4.D.10.b – This is being added to provide clarity to Engineers that all manholes located in floodplains shall be sealed.
- Section 2.9.4.F – This is being changed to discourage siphons.

- Section 2.9.4.G.4 – We are allowing the Engineer to decide on what type of sample and inspection port they want to include in their design when industrial waste monitoring is required.
- Section 2.9.4.G.5 – This change is being made to require manholes on 8” wastewater lines too.
- Section 2.9.4.J.1 – This is being changed to correct the section number.
- Section 2.9.4.J.7.c – This is being changed to correct the section number.
- Section 2.9.4.J.17.a – This is being added to include MUD’s and WCID’s.
- Section 2.9.4.J.17.b – This change is being made to clarify what is required for grinder pumps.
- Section 2.9.4.J.17.c – This is being added to clarify what is allowed for cleanouts regarding sizes of fittings, valves, and bends.