

CRITERIA FOR THE SEPARATION OF WATER MAINS AND NON-POTABLE PIPELINES

THE CRITERIA PRESENTED HEREIN ARE BASED ON THE LATEST VERSION OF THE CALIFORNIA CODE OF REGULATIONS, AND GUIDANCE MEMORANDUM NO. 2003-02: GUIDANCE CRITERIA FOR THE SEPARATION OF WATER MAINS AND NON-POTABLE PIPELINES, PREPARED BY THE STATE OF CALIFORNIA DEPARTMENT OF HEALTH SERVICES, DATED OCTOBER 16, 2003. FOR ADDITIONAL INFORMATION, PLEASE REFER TO THE CCR AND THE FULL GUIDANCE MEMORANDUM DOCUMENTS.

DEFINITIONS

- CALIFORNIA WATERWORKS STANDARDS CHAPTER 16 OF DIVISION 4, TITLE 22, CCR.
- COMPRESSION JOINT – A PUSH-ON JOINT THAT SEALS BY MEANS OF THE COMPRESSION OF A RUBBER RING OR GASKET BETWEEN THE PIPE AND A BELL OR COUPLING.
- CONTINUOUS SLEEVE – A PROTECTIVE TUBE OF HIGH-DENSITY-POLYETHYLENE (HDPE) PIPE WITH HEAT FUSION JOINTS OR OTHER NON-POTABLE METALLIC CASING WITHOUT JOINTS INTO WHICH A PIPE IS INSERTED.
- DIVISION OF DRINKING WATER (DDW) A DIVISION OF THE STATE WATER RESOURCES CONTROL BOARD (WATER BOARDS OR STATE BOARD) RESPONSIBLE FOR THE ADMINISTRATION OF THE DRINKING WATER PROGRAM (DWP) AND REGULATION OF PUBLIC DRINKING WATER SYSTEMS.
- DISINFECTED TERTIARY RECYCLED WATER – WASTEWATER THAT HAS BEEN FILTERED AND SUBSEQUENTLY DISINFECTED IN ACCORDANCE WITH SECTION 60301.230, CHAPTER 3 (WATER RECYCLING CRITERIA), TITLE 22, CCR.
- HOUSE LATERAL – A SEWER LINE CONNECTING THE BUILDING DRAIN AND THE SANITARY SEWER MAIN SERVING THE STREET.
- SUPPLY LINE – PIPELINES CONVEYING RAW WATER TO BE TREATED FOR DRINKING PURPOSES IN ACCORDANCE WITH SECTION 64572, CCR.
- WATER MAIN – MEANS ANY PIPELINE, EXCEPT FOR USER SERVICE LINES, WITHIN THE DISTRIBUTION SYSTEM IN ACCORDANCE WITH SECTION 64551.70 OF THE CCR.
- WATER WORKS STANDARDS THE CALIFORNIA CODE OF REGULATIONS (CCR), APPLICABLE PORTIONS OF TITLE 17 (GROUP 4. DRINKING WATER SUPPLIES) AND TITLE 22 (DIVISION 4. ENVIRONMENTAL HEALTH).
- RATED WORKING WATER PRESSURE – A PIPE CLASSIFICATION SYSTEM BASED ON INTERNAL WORKING PRESSURE OF THE FLUID IN THE PIPE, TYPE OF PIPE MATERIAL, AND THE THICKNESS OF THICKNESS OF THE PIPE WALL.
- SANITARY SEWER MAIN – A GRAVITY SEWER CONVEYING UNTREATED MUNICIPAL WASTEWATER.
- SEWAGE FORCE MAIN – A PRESSURIZED SEWER CONVEYING UNTREATED MUNICIPAL WASTEWATER.

GENERAL SEPARATION CRITERIA


SECTION 64572, TITLE 22, CCR – WATER MAIN SEPARATION

(a) NEW WATER MAINS AND NEW SUPPLY LINES SHALL NOT BE INSTALLED IN THE SAME TRENCH AS, AND SHALL BE AT LEAST 10 FEET HORIZONTALLY FROM, AND ONE FOOT VERTICALLY ABOVE, ANY PARALLEL PIPELINE CONVEYING:

- (1) UNTREATED SEWAGE,
- (2) PRIMARY OR SECONDARY TREATED SEWAGE,
- (3) DISINFECTED SECONDARY-2.2 RECYCLED WATER (DEFINED IN SECTION 60301.220, CCR),
- (4) DISINFECTED SECONDARY-23 RECYCLED WATER (DEFINED IN SECTION 60301.225, CCR), AND
- (5) HAZARDOUS FLUIDS SUCH AS FUELS INDUSTRIAL WASTES, AND WASTEWATER SLUDGE.

(b) NEW WATER MAINS AND NEW SUPPLY LINES SHALL BE INSTALLED AT LEAST 4 FEET HORIZONTALLY FROM, AND ONE FOOT VERTICALLY ABOVE, ANY PARALLEL PIPELINE CONVEYING:

- (1) DISINFECTED TERTIARY RECYCLED WATER (DEFINED IN SECTION 60301.230, CCR), AND
- (2) STORM DRAINAGE.

 <p>Ventura County Waterworks District No. 8</p>	SEPARATION REQUIREMENTS FOR WATER MAINS AND NON-POTABLE PIPELINES		JUL 2021
	RECOMMENDED: <u> /s/ </u> DEPUTY DIRECTOR / DISTRICT ENGINEER	APPROVED: <u> /s/ </u> DIRECTOR OF PUBLIC WORKS	PLATE 201 SHEET 1 OF 6