

PUBLIC WELL COMPLETION DATA CHECKLIST FOR INTERIM APPROVAL

Texas Commission on Environmental Quality Public Water System I.D. No.: _____
 Water Supply Division TCEQ Log. No.: _____
 Util. Technical Review Team MC-159 Owner's Well Id No. or Name.: _____
 P.O. Box 13087, Austin, Texas 78711-3087

Any well proposed as a source of water for a public water supply must have plans approved for construction by the TCEQ. Plans are reviewed for compliance with Rules and Regulations for Public Water Systems Title 30 TAC Chapter 290.38-290.49. After the well is drilled, the well completion data listed below must be submitted for TCEQ evaluation. Based on this submitted data, interim approval may be given for use of the well. Please include the TCEQ Log No. and owner's well name when submitting well completion information.

(Small print references in parentheses are Rules and Regulations for Public Water Systems Title 30 TAC Chapter 290.38-290.49)

1. Copies of ordinance or a recorded deed and map showing ownership and/or sanitary control easements as filed at the county courthouse (bearing the county clerk's stamp), covering all areas within 150 feet of the well owned by the system that will convey to others and neighboring tract not owned by the system (for a sample easement see 30 TAC 290.47(c), or contact the TCEQ Austin office or a Regional office.
 (Section 290.41(c)(1)(F) of the rules.)
2. Construction data on the completed well, including:
 - Casing size, bore hole diameter (at least 3-in wider than casing OD), total well depth, casing material (e.g. steel, PVC-SDR17), casing length, and cementing depth and method (one of the methods in AWWA Standard A-100-(latest rev'n), Appendix. C, *excluding* the dump bailer and tremie methods);
 - Driller's geologic log of strata penetrated during drilling of the well;
 - Copy of the official State of Texas Well Report filled out by the water well driller (some of the preceding data is included on the Water Well Report form. (Section 290.41(c)(3)(A),(B),(C) & (G) of the rules.)
 - Cementing certificate (Railroad Commission or company format). (Section 290.41(c)(3)(A))
3. A U.S. Geological Survey 7.5-minute topographic quadrangle map (include quadrangle name and number), or a legible copy, with "cross-hairs" showing the location of the completed well. (Section 290.41(c)(3)(A) of the rules.) **ACCURACY:** All locations collected shall maintain a minimum level of accuracy of at least 25 meters (82 feet). TCEQ OPP 8.11.02)
4. Record of a 36 hour pump test on the well showing stable production at the well's rated capacity (Section 290.41(c)(3)(A) & (G) of the rules). Include the final well pump capacity in gpm and feet, t.d.h.
5. Three bacteriological analysis reports showing raw well water to be free of coliform bacterial contamination; reports must be for samples of raw (untreated) water from the disinfected well, collected on three successive days, and submitted to a laboratory certified or accredited by TCEQ. (Section 290.41(c)(3)(A) & (F) of the rules.)
6. Chemical analysis reports for well water samples showing the water to be of acceptable quality for at least, the most problematic contaminants listed below (Section 290.41(c)(3)(A) & (G) of the rules, and Section 290.104 and 290.105 of Drinking Water Standards). Reports must come from a certified or accredited laboratory for interim use of the well. Maximum contaminant level (MCL) and secondary contaminant level (SCL) units are in mg/l (except arsenic).

<u>MCL</u>	<u>PRIMARY</u>	<u>SCL SECONDARY</u>	<u>SCL SECONDARY</u>	<u>SCL SECONDARY</u>	
10 (as N)	Nitrate	0.2	Aluminum	5.0 Zinc	300 Sulfate
1 (as N)	Nitrite	1.0	Copper	1,000 Total Dissolved Solids	300 Chloride
10 µg/l	Arsenic	0.3	Iron	2.0 Fluoride	≥7.0 pH
4.0	Fluoride	0.05	Manganese		
15	Gross alpha (pCi/liter)*				
5	Radium-226/228 (pCi/liter)*				
50	Beta particle (pCi/liter)*				
30	Uranium (µg/liter)* (WHERE: pCi/liter=pico curies per liter, µg/liter=micrograms per liter)				

Radionuclide water analyses required only in selected counties listed on the back of this checklist. For more guidance see [“How to Conduct Radionuclide Testing for Well Completion Interim Approval”](#)

7. By checking this box, submitter agrees to contact the Drinking Water Quality Team at 512/239-4691 within 120 days of receiving interim approval to schedule final approval sampling. These will be collected by TCEQ contractors, analyzed by a certified lab, and paid for by the Public Water Supply.
8. By checking this box, submitter acknowledges that Public Water Supply systems are subject to applicable [Texas Administrative Code 30](#) Chapters [290](#), [291](#), [292](#) and [293](#).

List of Counties where Radionuclide Testing is Required

Please be aware when you review your radiological data that if the report has gross alpha over 15 pCi/L and uraniums are not reported, you will have to resample or reanalyze and resubmit radionuclide results. If you see gross alpha plus radium-228 over 5 pCi/L, and don't have radium-226, you will have to resample or reanalyze and resubmit complete results. For more information go to following [website](#).

COUNTY	STATE CODE#
Atascosa	007
Bexar	015
Bosque	018
Brazoria	020
Brewster	022
Burnet	027
Concho	048
Culberson	055
Dallam	056
Erath	072
Fort Bend	079
Frio	082
Gillespie	086
Gray	090
Grayson	091
Harris	101
Hudspeth	115
Irion	118
Jeff Davis	122
Kendall	130
Kerr	133
Liberty	146
Llano	150
Lubbock	152

Continued	
McCulloch	154
Mason	160
Matagorda	161
Medina	163
Montgomery	170
Moore	171
Parker	184
Pecos	186
Polk	187
Presidio	189
Refugio	196
San Jacinto	204
San Saba	206
Tarrant	220
Tyler	229
Upton	231
Val Verde	233
Victoria	235
Walker	236
Washington	239
Wichita	243
Zavala	254