

Water Hauler Use Checklist

Texas Commission on Environmental Quality
Water Supply Division
Plan Review Team MC-159
P.O. Box 13 087, Austin, Texas 78711-3087

Public Water System I.D. No. _____
TCEQ Log No. P- _____

The following list is a brief outline of the "Rules for Public Water Systems" (30 TAC Chapter 290), regarding the use of a water hauler. Sealed plans, operational records, and specifications meeting, but not limited to, the minimum requirements cited here shall be prepared under the supervision of a Texas licensed professional engineer and submitted to TCEQ for approval. This list is not a substitute for the rules and this checklist cannot be accepted in lieu of the required engineering submittals. Failure to submit the following items may delay project approval. Copies of the rules may be obtained from the Texas Register, 1019 Brazos St, Austin, TX, 78701-2413, phone: (512) 463-5561 or downloaded from the website: <http://www.tceq.texas.gov/rules/indxpdf.html>

Please address the following in your submittal:

1. Water shall be obtained from a TCEQ approved source; [§290.44(i)(1)]
2. The equipment used to haul the water must be approved by the executive director and must be constructed as follows: [§290.44(i)(2)]
 - (i) Must be clearly labeled as a "Drinking Water." Tank;
 - (ii) Tank must not have been previously used for any other purpose besides hauling drinking water;
 - (iii) Tank shall be watertight, impervious and easily cleaned and disinfected;
 - (iv) All paints, coatings, and contact surfaces must be National Sanitation Federation (NSF), United States Environmental Protection Agency, or United States Food and Drug Administration approved;
 - (v) Any newly installed surface shall conform to American National Standards Institute (ANSI)/National Sanitation Federation (NSF) Standard 61 and be certified by an organization accredited by ANSI;
 - (vi) The tank shall have a manhole and a locked manhole cover which overlaps the raised manhole opening by a minimum of two inches and terminates in a downward direction;
 - (vii) Vents shall be equipped with screens fabricated of corrosion-resistant material and shall be 16-mesh or finer;
 - (viii) Connections for filling and emptying the tank shall be provided with caps and keeper chains and properly protected to prevent contamination;
 - (ix) The drain shall be able to completely empty the tank;
 - (x) Pumps used to transfer water shall be permanently mounted with a permanent connection to a tank and properly protected between uses;
 - (xi) Hoses shall conform to ANSI/NSF Standard 61, be certified, and labeled for drinking water only; and
 - (xii) Hoses and related appurtenances must be cleaned and disinfected on a regular basis and properly stored between uses. Hoses will be provided with caps and keeper chains or have the ends connected together.

The following are not required for submittals to the TCEQ Plan Review Team but are mandatory for every water hauler:

1. The water tank shall be disinfected monthly and any time that contamination is suspected; [§290.44(i)(2)(I)]
2. For each month of operation, one sample from each tank shall be collected and submitted for microbiological analysis to a TCEQ approved laboratory; [§290.44(i)(2)(J)]
3. Water Hauler PWS shall notify pwsinven@tceq.texas.gov if not operating for entire month;
4. Water being hauled must maintain a minimum free chlorine residual of 0.5 milligrams per liter (mg/L) or a chloramine residual of 1.0 mg/L (measured as total chlorine), Chlorine or chlorine containing compounds may be added on a "batch" basis.
5. Operational records including the following: [§290.44(i)(2)(I)]
 - i. Source of water and amount being hauled;
 - ii. Purchase records;
 - iii. Microbiological sampling results;
 - iv. Chlorine residual readings;
 - v. Dates of disinfection;
 - vi. How the source of water will be maintained.