

ORDINANCE NO. 2003- 07

AN ORDINANCE ADOPTING
SEPTIC TANK REGULATIONS FOR THE
CITY OF ELM SPRINGS, ARKANSAS,
AND DECLARING AN EMERGENCY

WHEREAS, the Sewer Committee for the City of Elm Springs has adopted Septic Tank Regulations and recommends their adoption by this Council; and,

WHEREAS, the adoption and application of these regulations is vital to the continuing sewer project and the health and safety of the citizens of Elm Springs, Arkansas.

NOW, THEREFORE, BE IT HEREBY ORDAINED by the City Council of the City of Elm Springs:

Section 1: The Septic Tank Requirements, as passed by the City of Elm Springs Sewer Committee, which are attached hereto are hereby adopted and shall apply to the installation of all septic systems within the City of Elm Springs. No builder or developer shall receive a permit for further construction until all construction is fully compliant with this ordinance

Section 2: Enforcement. Any violation of this ordinance shall be considered a misdemeanor, and shall be punishable with a fine of forty dollars (\$40.00) for the offense, and thirty dollars (\$30.00) per day for each subsequent day of violation.

Section 3. This Ordinance shall take effect and be in force and effect from and after its passage, and that this Ordinance supercedes and replaces any other Ordinances in conflict herewith In the event any one or more of the provisions contained in this Ordinance shall for any reason be held by a Court of Law to be invalid, illegal or unenforceable in any respect, such invalidity, illegality or unenforceability shall not affect the remaining provisions of this Ordinance, and this Ordinance shall be construed as if such invalid, illegal or unenforceable provision or provisions had never been contained herein.

Section 2: Emergency Clause. It has been found and hereby is declared by the City Council that this ordinance is immediately required for the proper functioning of the City government, and to promote the welfare of its citizens. Therefore, an emergency is hereby declared to exist and this ordinance being necessary for the preservation of the orderly development of the City and for the health and safety of its citizens shall be in full force and effect from the date of its passage and approval.

PASSED AND APPROVED this 18th August day of 2003.

Jane Waters
Jane Waters, Mayor

Attest:

Glenda Pettus
Glenda Pettus, City Clerk

CITY OF ELM SPRINGS
SEWER COMMITTEE

SEPTIC TANK REQUIREMENTS
Revised August 4, 2003

This regulation is to condense and clarify the City's ordinance adopting specifications for the STEP septic tanks, their installation and set penalties for noncompliance with the ordinance. The Arkansas State Health Department approved Standard Sewer Specifications for construction of the Elm Springs Wastewater System, ADH approval dated December 31, 2002, Project #32568-2, shall govern in all questions or conflicts of this condensed ordinance. Any questions on material or methods should reference these approved standards. A copy of these rules shall be attached to each building permit issued by the City, and a copy signed by the applicant retained by the building inspector.

All septic system designs shall be submitted to the City Inspector for approval before they are released by the Designated Representatives for construction. The City Inspector, acting as the representative of the Sewer Committee shall sign off on the design. The installer shall notify the City Inspector at least 24 hours prior to installing the tank and shall not backfill before inspection. See attached sketches for dimensions.

All septic tanks installed after October 1, 2001 must be totally compatible with adoption for the STEP system. These tanks shall be connected to the STEP System as soon as the system is operational. The specific requirements are as follow:

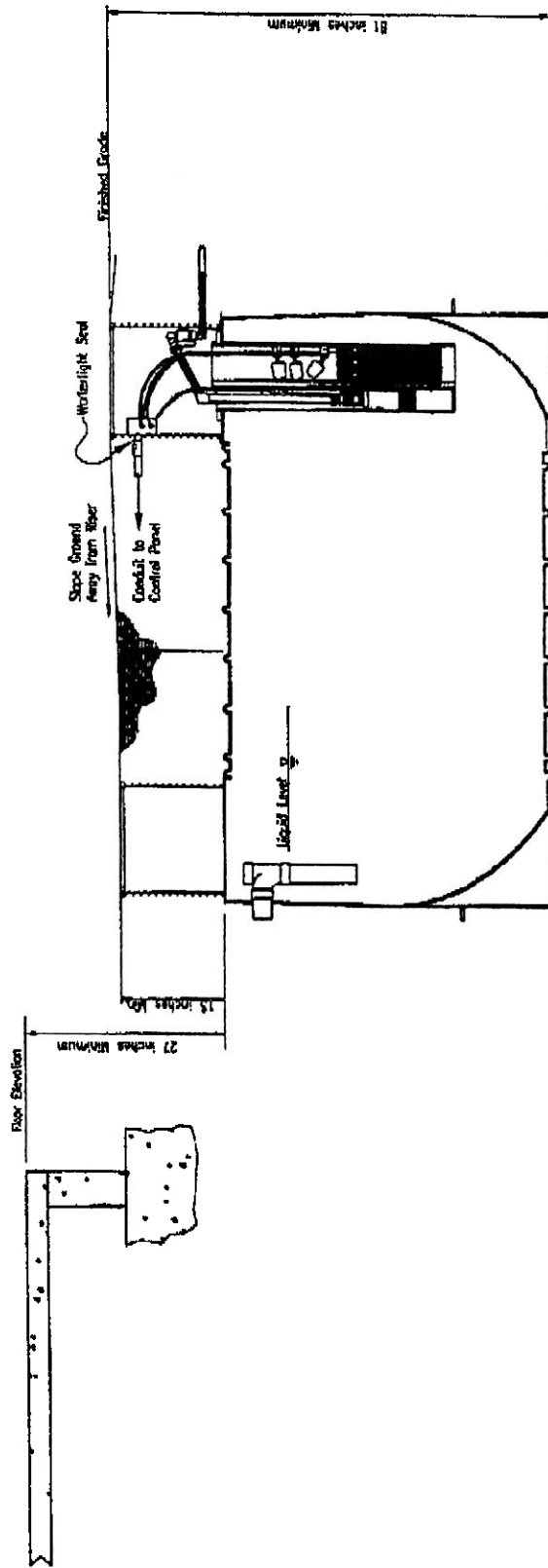
1. All septic tanks shall have a minimum nominal liquid capacity of 1250 gallons for up through 3 bedroom homes. Homes with more than 3 bedrooms shall have septic tanks with a minimum nominal liquid capacity of 1500 gallons. For homes with more than 8 permanent occupants, the septic tank size shall be determined by the City's design engineer, in accordance with existing Health Department guidelines and rules.
2. All tanks shall be structurally sound and watertight and shall be guaranteed in writing by the tank manufacturer for a period of two years from the date of final acceptance.
3. All tanks shall have an access opening of 20" in diameter. No two compartment or pumping wells shall be acceptable.
4. The inlet tee shall penetrate the liquid at least 18" below the inlet flow line and shall allow for natural ventilation through the building sewer and vent stack.
5. Only concrete and fiberglass tanks are approved for use at the present time.
6. The following requirements apply to concrete septic tanks.
 - a. The bottom slab and walls shall be poured monolithically.
 - b. All Components of the tank shall be reinforced with ASTM A-615 Grade 60 steel.
 - c. Concrete shall have a cement content of no less than 6 bags per cubic yard and reach a minimum compressive strength of 4000 PSI at 28 days.

- d. Tanks shall be watertight, with a waterproofing additive added at the time of batching equal to XYPEX ADMIX C-1000. It may be protected inside and outside by an approved waterproof coating.
 - e. Tanks must cure at least 7 days before delivery to the installation site.
 - f. The tanks shall be manufactured and furnished with access openings as required by the Orenco STEP system.
 - g. The top shall be sealed to the tank with a preformed flexible plastic gasket.
 - h. It cannot be overemphasized that the septic tank and its appurtenances **must be watertight**.
 - i. The manufacturer's warranty must certify water-tightness for the two year period specified in item 2 above. Tanks suspected of not being watertight may be subject to testing at the owner/installer's expense.
7. Fiberglass tanks shall conform to the specifications as adopted and approved by Orenco Systems.
 8. Installation shall be in accordance with the manufacturer's recommendations.
 9. Risers and lids shall be installed according to the manufacturer's instructions. The tank shall be installed so that the riser top is flush with the finished grade. All tanks shall be bedded in washed graded gravel, finished 80 inches below desired final surface grade.
 10. All installations must have a dedicated easement as specified by the Sewer Committee from the inlet of the septic tank to the collection facilities. The easement shall be properly executed and signed before final acceptance of the installation.
 11. Each installation shall have a 30 Amp, 120 Volt circuit available on the exterior of the building adjacent to the tank riser installation.
 12. The pump shall be the specified Orenco pump with the approved Orenco Systems control panel Model S1ROETMCT. The panel shall be set at eye level (5 to 6 ft.) within sight of the tank on the building outside wall or as approved. Care should be taken not to put the panel on the exterior wall of a noise sensitive room such as a bedroom.

After the STEP system is operational and when all requirements for an installation are met, the City will assume ownership, operation and maintenance responsibilities from the inlet of the septic tank to the core collection system.

Any installation that does not comply with the above requirements and the City's adopted ordinance concerning STEP septic systems shall not pass the plumbing inspection by the City Inspector until brought into compliance. In addition, any builder, plumber or developer who refuses to comply with these requirements shall not receive a permit for further construction within the City of Elm Springs until all construction complies with STEP System requirements. Any noncompliant system shall be brought into compliance before final inspection. A fine of \$40.00 plus \$30.00 for each subsequent day thereafter shall be levied against the permit applicant.

Applicant: _____
Date: _____



TYPICAL TANK INSTALLATION

PROOF OF POSTING OF ORDINANCE

STATE OF ARKANSAS

COUNTY OF Washington

We, Jane Waters and Glenda Petrus, do solemnly swear that as Mayor and City Clerk, respectively, of and for the City of Elm Springs, Washington County, Arkansas, that a certified copy of Ordinance No. 2003-07 (the "Septic Tank Ordinance") was, on the 20th day of August, 2003, duly posted in five (5) separate and distinct places inside the corporate limits of the City in accordance with Ordinance No. 01-10, and that the Ordinance remained posted for thirty (30) days.

DATED this 20th day of August, 2003.

Jane Waters

Mayor

Glenda Petrus

City Clerk

(SEAL)

SUBSCRIBED AND SWORN to before me, a Notary Public, on this 19th day of Aug, 2003.

Linda L. McVittie

Notary Public

My Commission Expires:

8-19-03

