

3.100 Jasper Co.  
Twin Hills Estates Subdivision

August 5, 1980

Mr. Don VanHooser  
801 Fir Road  
Carl Junction, MO 64834

RE: Twin Hills Estates Subdivision

Dear Sir:

Please be advised that the engineering report prepared by Mr. Kenneth M. Weithaus, P.E., of Gordon & Weithaus, Inc., received by the Missouri Department of Natural Resources on May 12, 1980 with revisions received on May 16, 1980 and June 9, 1980 for wastewater disposal in Twin Hills Estates Subdivision as identified in Plat Book 12, page 30 of the records of the Recorder of Deeds, Jasper County, Missouri with restrictive covenants filed in Book 1235, pages 139-161 of the same records, has been reviewed and approved by this office in accordance with provisions of the Missouri Clean Water Commission Regulation "10.CSR.10-6.030 Disposal of Wastewater in Subdivisions." Approval of the report is subject to the following conditions:

PROJECT DESCRIPTION

**Location:** Twin Hills Estates consists of 49 lots encompassing 32.33 acres located in the east 1000 feet of the north half of Section 18, Township 27, Range 33, Jasper County, Missouri.

**Type of Wastewater Disposal:** Wastewater disposal shall consist of 1200 gallon capacity extended aeration home type units that have the National Sanitation Foundation Seal of Acceptance that will be installed on each lot of the subdivision except Lot No. 45. Each aeration unit will discharge into a 4 inch diameter collection system that will extend throughout the subdivision. The collection system will discharge into a 1000 gallon capacity holding tank. Wastewater from the holding tank will be cyclically pumped with a 1012 gallons-per-minute pump into a distribution box that will distribute flow to 2 sand filters that have dimensions of 38 feet by 38 feet each. Wastewater will be collected in lines beneath the filters and will flow by gravity into an existing ditch. Wastewater disposal on Lot 45 will be outlined in an engineering report to be issued at a later date.

Exhibit No. 4  
10/24/20 Case No. SA-81-2  
Reporter Phelan SA-81-36

Conditions: 1. Sale of or any construction on Lot No. 45 is forbidden until an engineering report for wastewater disposal on this lot is approved by this office.

2. When an owner of any lot in the subdivision except Lot 45 commences construction of a dwelling house thereon, the lot owner shall, at the same time, install a 1200 gallon capacity extended aeration home type unit that has the National Sanitation Foundation Seal of Acceptance, and connect same to the central sewage collection and treatment facilities. The aeration unit shall be located at least 25 feet from the nearest property line. No dwelling house shall be occupied until the central sewage collection and treatment facilities are installed and available for service; except that up to 14 lots may be occupied prior to the time the central sewage collection and treatment facilities are installed and operational, provided that prior to occupancy of any said lot the owner shall install a 1200 gallon capacity extended aeration home type unit that has the National Sanitation Foundation Seal of Acceptance and a soil absorption lateral field (tile field) with a minimum of 144 square feet trench bottom area per person occupying the dwelling house, to serve the aeration unit. The tile field shall contain lines that are laid no closer than 10 feet apart, that are laid no deeper than 36 inches, and that are laid on a slope not exceeding 6 inches per 100 feet. No single tile field line shall exceed 100 feet in length. Tile field lines shall be laid on a base of coarse gravel or crushed rock not less than 6 inches thick. Additional gravel or crushed rock shall be placed around the line to a depth of at least 2 inches above the line. The aeration unit and all tile field lines appurtenant thereto shall be located at least 25 feet from the nearest property line.

3. After the central sewage collection and treatment facilities are installed and available for service, each extended aeration home type unit shall be disconnected from the tile field by the lot owner and connected to the central sewer, and no further use of any tile field for sewage disposal shall be allowed.

4. After 14 lots are occupied, no further occupancy of lots within the subdivision may occur until the central sewage collection and treatment facilities are installed and operational and all 14 occupied lots are connected thereto.

5. If the lot owner fails or refuses to install the approved aeration unit and connects same to the central sewer prior to occupancy, or in the case of occupancy of up to 14 lots prior to availability of the central sewage collection and treatment facilities, fails or refuses to disconnect the aeration unit from the tile field and connects same to the central sewer within 30 days after it becomes available for service, the developer or the property owners association shall enter upon the offending lot and perform such work at the expense of the owner.

6. Until the central sewage collection and treatment facilities are operational, all extended aeration units and tile fields shall be kept in good working order by the lot owner. If the lot owner fails or refuses to keep same in good working order, the developer or the property owners association shall enter upon the offending lot and perform the work necessary to return the equipment and appurtenances to good working order at the expense of the lot owner.

7. After the central sewage collection and treatment facilities are operational, all extended aeration home type units and the central sewage collection and treatment facilities shall be operated and maintained by a public authority,

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Twin Hills Estates Subdivision  
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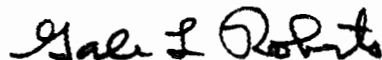
municipal corporation, or private corporation certificated by the Public Service Commission of Missouri. Should the public authority, municipal corporation, or private corporation certificated by the Public Service Commission of Missouri, fail or refuse to operate and maintain same, the developer or the property owners association shall assume operation and maintenance of these facilities.

8. This letter of approval does not excuse the developer, the property owners association, or the individual lot owners from any liability for violation of, or responsibilities and duties under the Missouri Clean Water Law and regulations, or any other laws of the State of Missouri. If, at any time, the installation or use of the proposed method of wastewater treatment should result in a violation of the Missouri Clean Water Law or regulation, this letter of approval may be revoked.

9. As the Missouri Clean Water Commission does not examine structural features of design or the efficiency of mechanical equipment, the issuance of this letter of approval does not include approval of these features.

10. The developer shall submit annual reports to this office stating the number of lots sold, the number of lots occupied, and the amount of funds escrowed for wastewater facilities.

Sincerely,



Gale L. Roberts  
Environmental Engineer I  
Springfield Regional Office  
Department of Natural Resources

GLR:sd

cc: Mr. Ken Heithaus, P.E.  
✓ Gordon & Associates  
Mr. Dan Summers, Attorney General's Office  
Water Quality Program, Central Office  
Mr. Glenn R. Gulick, Jr.