

# 10 CSR 20-6.030 Residential Housing Developments

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# The materials presented here should not be construed as the opinions of the National Onsite Wastewater Recycling Association

# Consistency

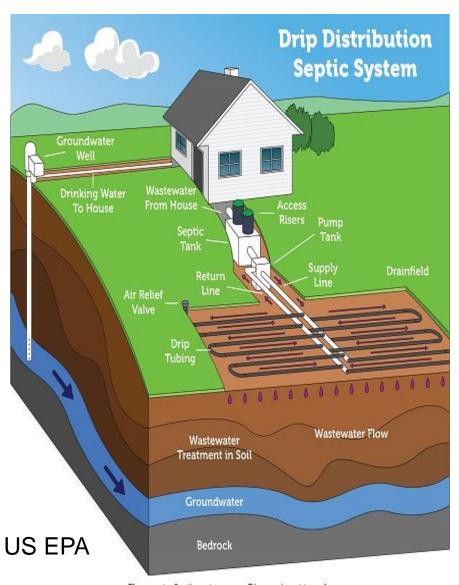
Department of Natural Resources 644.006 to 644.599 RSMo

Department of Health and Senior Services 701.025 to 701.59 RSMo

**Jurisdictional Coordination Committee** 

Sets requirements to determine the *method of wastewater treatment*.

It is NOT an approval or permit for the specific OWTS to be installed on an individual lot.



Please note: Septic systems vary. Diagram is not to scale.

Applies to all new developments and existing developments that were required to comply but had not.



# 19 CSR 20-3.060(1)(B)

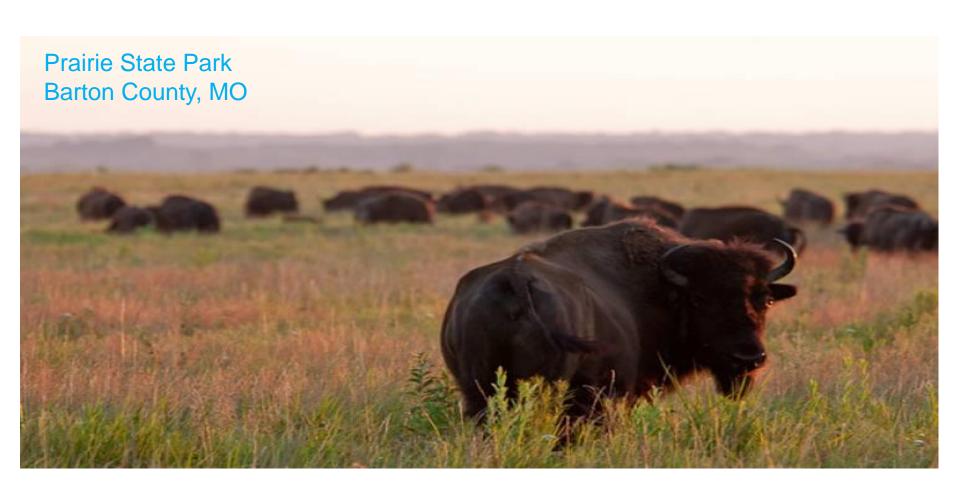
19 CSR 20-3.060(1)(B), Applicability, developers must first contact the Department of Natural Resources concerning compliance with the MCWL and its regulations before they apply for any approvals or permits under 19 CSR 20-3.060.



New developments with seven (7) or more lots each less than five (5) acres are required to receive approval for the method of wastewater treatment, prior to the sale, lease or the commencement of construction by the developer or any person.



Approval is also required for any expansion of an existing RHD with three (3) or more lots each less than five (5) acres.



Developments with lots less than 40,000 sq. ft. (0.92 acres) only a centralized wastewater collection and treatment is acceptable, 10 CSR 20-6.030(1)(D) 1. Cluster OWTS are also acceptable.



#### Subdivisions

1) Request a Geohydrologic Evaluation.

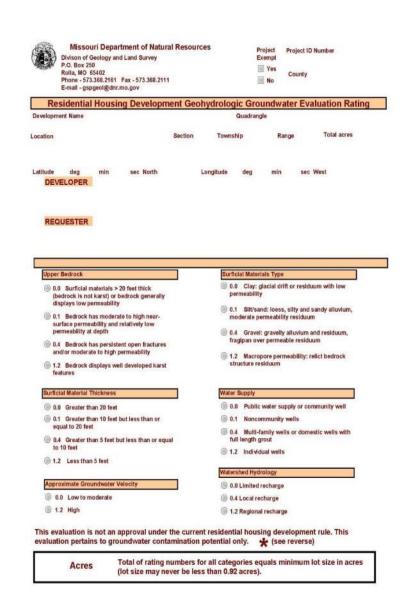
2) Generate a Soils Report.

3) Produce a preliminary plat map.

4) Submit for approval.

### Geohydrologic Evaluation

- Minimum acreage Base Line.
- The report should not be construed as an approval for the development.
- While not an approval of the water supply it is a factor, e.g., setbacks, conveyance to groundwater, etc.
- The evaluation is provided as a service (No Fee).



# Soils Report

- Performed by a soil scientist as defined in 701.040.1.(2)(e), RSMo.
- Only after a thorough, systematic investigation of the soils and landscapes.
- Soil observation pits (backhoe or hand dug).
- Pits may be supplemented with soil probes but not used as an alternative.

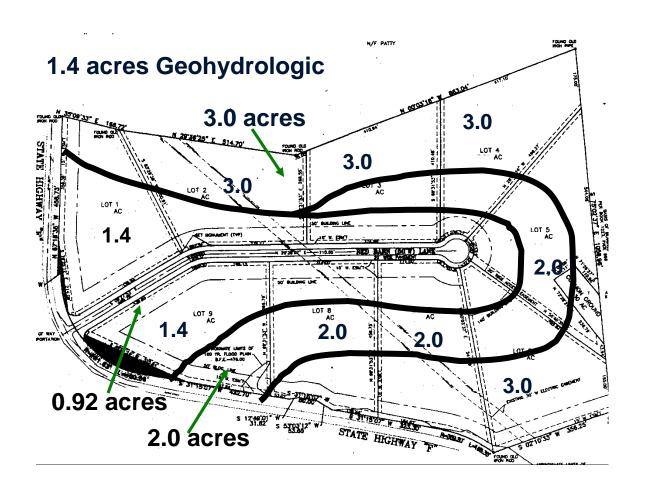


#### Soils Report

# Table 1 – Acceptable Soils (inches) Lot Size (acres)

% Slope	>30" to Limiting Layer or Bedrock	18 to 30" Limiting Layer	18-30" Bedrock	<18" to Limiting Layer or Bedrock
0-2	0.92	2	2	3
3-14	0.92	1	2	3
15-30	1	2	3	5
31+	2	3	5	>5

# Plat Map



When approval is required it shall be obtained from the Department of Natural Resources prior to the sale or lease or the commencement of construction on any lot by the developer or any person, 10 CSR 20-6.030(1)(D).



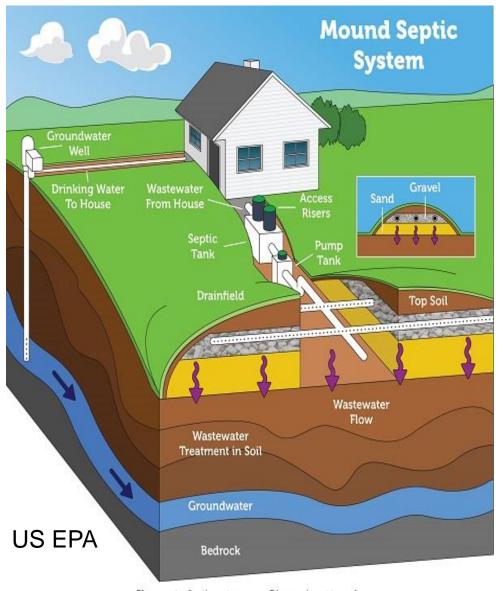
10 CSR 20-6.030(7)(C), there shall be no deviation or change following approval without first securing written approval for those changes from the Department of Natural Resources.



Approval does not excuse any person from complying with or from liability for violations of the Missouri Clean Water Law and any other laws of Missouri, 10 CSR 20-6.030(7)(F).



Once written approval is issued for the subdivision then the DHSS or local authority will have the jurisdictional responsibility to issue the construction permit.



Please note: Septic systems vary. Diagram is not to scale.

#### 10 CSR 20-6.030 Being Amended





# Thank You

Paraphrasing the Oldsmobile commercial —

It's not your Daddy's septic system anymore where if it's out of site it's out of mind and everything is fine.

They're much more and sustainable.

