

Water Well and/or Wastewater System Permitting Process

Harper County Environmental Services

201 N. Jennings Anthony, KS 67003

Office (620) 842-3718

Email: mbooker@harpercountyks.gov

Wastewater Systems Only: Please provide the following and return to the Health Dept.

- 1. Complete permit application form (Enclosed with Site Diagram)**
- 2. Permit fee of \$75.00 Payable to Harper County Environmental Services (HCES).**
- 3. Soil information (Soil Profile by Contractor) in order to process the application.**

Water Well Applicants: Please provide the following and return to the Health Dept.

- 1. Complete permit application form (Enclosed with Site Diagram)**
- 2. Permit fee of \$75.00 Payable to the Harper County Environmental Services (HCES)**
- 3. Well Plugging free of charge but must file with the state.**

Note:

Allow 10 Business days from the date of application is received with all the information provided to process the permit and receive a recommendation and approval to construct.

Please call to discuss system, if you or your contractor should have any questions, or need to clear up problems with the site before putting additional time and money into the project. (620) 842-3718

Water Well and/or Onsite Wastewater System Permit Application

Name: _____ Situs Address: _____

Mailing Address: _____
(if different than Situs Address)

Phone: () _____ - _____ City: _____ Zip: _____

Legal: ____ 1/4 ____ 1/4 ____ Sec, ____ Twp, ____ Range, _____ Acres, _____

Wastewater System

Construct new / Add on
 Repair / replace Cost Share _____

Water Well

Construct new Plugging (free of charge)
 Repair / replace Cost Share _____

Use: Residence Rental Daycare Business Commercial Other

Sizing: ____ # of Bedrooms ____ # of Bathrooms ____ # of Residents

Water source: Water well Rural water City water Other _____ Unknown

Waste water: Chambers Rock & pipe Lagoon Surface discharge Unknown

Does all household water enter system? Yes No = Dishwasher Laundry

Tank: 500 gal 1000 gal 1250 gal 1500 gal Unknown

Construction: Concrete Poly Steel Unknown

Age: 1-10 yrs 10-25 yrs 26+ yrs Unknown

Last pumped: 0-3 yrs 4-10 yrs 11-25 yrs 26-50 yrs Never Unknown

Appliances Dishwasher Softener Disposal Sump pump R.O. Unit

Public Service connections closer than 400 ft: Sewer Water None

Surface water closer than 200 ft: No Lake Stream Pond Seasonal drainage

Rock closer than 6 ft down: Yes No Unknown

Water closer than 4 ft down: Yes No Unknown

Water wells present: None One Two Unknown

Proposed Contractor: _____

1. Contact the inspector 620-842-3718 to schedule a final inspection before covering the system and/or placing in service.
2. Construction cannot begin without prior approval, per county and state sanitary codes.
3. The applicant is required to maintain this system in accordance with county and state sanitation codes.
4. It is the applicant's responsibility to notify all area utilities prior to breaking ground: **1-800-DIG-SAFE.**
5. The Operation Permit does not guarantee written or implied proper function of system for any time in the future.
Natural conditions and use vary on system performance and longevity.

Permission is granted onto property for the purpose of inspection.

Signature: _____ **Date** ____ / ____ / _____

Office use: Amount due \$ 75.00	Paid \$ _____	Check# _____	Permit # _____
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PROPOSED SITE DIAGRAM (Draft NOT TO SCALE)

LOCATE IN FEET
Existing and Proposed

-N-

- Property Lines
- Houses
- Out buildings
- Structures
- Surface water
- Drainage Areas
- Water Wells
- Fuel Storage
- Feed Lots
- Utilities
- Easements
- Ground Slope

FOR OFFICE USE ONLY

HP COUNTY MINIMUM STANDARDS AND RECOMMENDATIONS

LOADING RATE ESTABLISHED BY:

- SOIL PROFILE
- SCS SOIL SURVEY

- EASEMENTS NEEDED: YES PENDING
- VARIANCE NEEDED: YES PENDING
- MAINTENANCE AGREEMENT: YES PENDING

- Soil Class _____
- Loading Rate: _____
- Absorption Area: _____ sq. ft.

- 4-2 Approved Septic tank _____ Gal.
- New Existing if Pumped and Cert.
- Aerobic Treatment Unit
- Septic Filter Riser / Approved Lid

EFFLUENT DISPOSAL SYSTEM:

- Chambers Units
- Rock and pipe laterals
- Pressure dosing Drip _____ Ft.
- Lagoon M: _____
- Other

- D-Box Manifold Splitter valve
- Cleanouts Every 100 ft.
- Lift station and pump Pending
- Liner: _____ Native Compacted if 50% Clay
_____ lbs/sq.ft of Bentonite

WATER WELL:

- Proposed Location approved to construct
- Old well properly abandoned and plugged
- WWC-5 and Plugging log copies filed

Comments: Call to schedule an inspection before work is started.

Maintain all state and county code requirements as per **County Sanitation Code** and **KDHE Bulletin 4-2**, Wastewater and /or **Article 30** Water Well Construction Standards.

Refer to attached sheets for additional requirements to this approval

Permit valid for 24 months past approval date.

FLOOD PLAIN VERIFICATION

Firm Panel _____ **Zone** _____

(Conditions of Approval): _____

Date _____ **By** _____

Flood Plain Administrator

ENVIRONMENTAL PERMIT

Environmental Permit/Occupancy Certificate fee received: Date _____

Environmental Permit (approved) (not approved) _____ By _____
Date

(Conditions of Approval) (Reasons for not approving): _____

CC: Applicant
Zoning Administrator
Floodplain Administrator

OCCUPANCY CERTIFICATE

All the foregoing applicable items in the application were field inspected on _____ and the premises are hereby approved for the above stated structure (s) and/or uses (s).

Approved _____ By _____
Date

CC: Applicant
County Appraiser's Office

County Horizontal Separation Distances

Per Harper County Sanitation Code and KDHE Bulletin 4-2, March 1997

Water Well To:

Septic Tanks Not 4-2 Approved	100 Feet
Sewer Lines Not Watertight	100 Feet
Absorption Fields	100 Feet
Pit Privies	100 Feet
Animal Pens or Manure Piles	100 Feet
Public Water Supply Wells	100 Feet
Water Tight Sewer Lines	50 Feet
Fertilizer, Fuel, Pesticides, other Chemical Storage	50 Feet
Surface Water, Streams, Lakes, and Drainage areas	50 Feet
Potential Pollution Sources or Contamination or as Determined by Sanitarian	50 Feet
Property Lines	25 Feet

Waste Water Systems:

Public Sewage System Connection	400 Feet
Property Lines	50 Feet
Surface Water or Drainage Area	50 Feet
Septic Tank to Building Foundation	10 Feet
Soil Absorption Area to Building Foundation	20 Feet

Wastewater Lagoons:

Water Wells	100 Feet
Property Lines	50 Feet
Dwelling Foundation	50 Feet

Lot Size Requirements: (excluding buildings and structures)

Soil Absorption System	1 Acre
Water Wells	1 Acre
Wastewater Lagoon	3 Acres

Note: Local Zoning Regulations May Require Greater Separation Distances or Lot Sizes.

When lot dimension, topography, or soil condition makes maintaining the separation distances unfeasible a filed variance, agreement or easement may be required per request.

SOIL

PROFILE

WORKSHEET

DATE ___/___/___ APPLICANT _____ ADDRESS _____

LEGALS: _____ 1/4, _____ 1/4, _____ S, _____ T, _____ R, _____ COUNTY.

SOIL SURVEY MAP# _____ SOIL NAME _____ SOIL CLASS _____

LAND USE _____ VEGETAION _____ PERMEABILITY _____ In/hr

0-12, 12-24	Yellow	Moderate	Platy, Blocky, Granular, Mass		None	None	Silt-Silt loam, Silty clay loam
24-36, 36-48	Brown, Grey Red, Black	Weak, Strong Gritty, Smooth Sticky	Angular, Subangular Prismatic, Columnar Fine, Med, Coarse	Moist, Dry, Wet	Many Few	Many Few	Gravel, Sand, Sandy Loam Clay, Sandy Clay, Clay Loam Fractured Rock, Solid Rock

DEPTH IN.	COLOR	STRUCTURE /FEEL	GRADE /SIZE	MOISTURE	REDOX MOTTLE	ROOTS	TEXTURE
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MOST LIMITING CONDITION: WATER ROCK CLAY GRAVEL

LOADING RATE (gpd/ft2) per bulletin 4-2: 1.1 0.9 0.6 0.4 .025

POSSIBLE SYSTEM: INGROUND LAGOON AT-GRADE DRIP OTHER

COMPLETED BY: _____

