



MARION COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

CORYFRANK,
PROGRAM MANAGER
Phone: 641-828-2238

MARION COUNTY PUBLIC HEALTH
2003 N Lincoln St
KNOXVILLE, IA 50138

INSTALLATION OF PRIVATE SEPTIC SYSTEMS

FOUR BASIC STEPS TO FOLLOW

STEP 1 – SITE EVALUATION. Contact the Environmental Health office to set up a meeting at your site. It is recommended that you also select a contractor and have them out at the site as well. The area for the septic system can then be laid out and any setbacks will be marked. A basic probing of the soil will be done and options will be discussed on different types of septic systems. If it is determined that the soils are unacceptable for a soil absorption type system, a percolation waiver can be signed and then skip to step 3.

STEP 2 – PERCOLATION/SOIL TEST. Subsurface soil absorption septic systems are considered to be the best available treatment for private wastewater. However, the right type of soil must be present for effective treatment and for system longevity. State code requires that a percolation or soil test be conducted before any subsurface soil absorption system is installed. Marion County also requires that percolation and soil tests be done by a certified engineer. Special care should be taken to not dig, alter, or in any way compact the soil of the test area.

STEP 3 – SEPTIC PERMIT. You must have a septic permit before the installation of your system. Once we have received the engineer's report, or you have signed a percolation waiver, the permit can be obtained from our office. They are valid for one year and the cost is \$200 for a new system or \$100 for a repair.

STEP 4 – INSPECTION AND APPROVAL. The Marion County Board of Health requires that all private contractors installing or repairing private septic systems in Marion County hold the CIOWTS (Certified Installer of Wastewater Treatment Systems) credential from NEHA (National Environmental Health Association). The system after installation is to be left exposed so that it can be fully inspected. The contractor should contact us 24 hours in advance so that we can schedule the appointment. Once the system is inspected and final approval is given, a copy of the permit, reports, and a map will be available upon request.

Private septic systems are an effective way to treat domestic wastewater, but care must be taken to keep them working properly. Examples include having good water conservation practices, limited use of garbage disposals, and avoid flushing harsh chemicals. We also recommend not using any septic additives. Instead, the best maintenance practice is to have the septic tank inspected every three to five years to see if it needs to be pumped out. The Marion County Environmental Health office is available to answer these and any other septic questions you might have.

***Order of these providers does not indicate preference**

Professional Engineers for Percolation Test or Soil Analysis

Abaci Consulting, Inc., Mark McMurphy (Soil)	10540 Hickman Rd, Clive 50325	515-986-5048
Brown, Curtis	15631 Johnson, Indianola 50125	515-961-7379
Carroll, James (Soil)	1549 NW 92 nd St, Clive 50325	515-250-2103
Neilson/Garden & Associates	1907 17 th Ave. East, PO Box 451, Oskaloosa 52577	641-672-2526
Jeff May	310 S 7 th St, Knoxville, IA 50138	641-891-2308

Certified Installers of Onsite Wastewater Treatment Systems (CIOWTS)

<u>Company/Name</u>	<u>Address</u>	<u>Cell</u>	<u>Phone</u>
@A-1 Complete Septic Service	5900 SE 6 th Ave, Des Moines 50317		515-265-3986
Bassett Excavating Inc. Ryan Bassett	2047 Poplar St-Knoxville, IA 50138	641-891-4050	641-943-3049
Bedwell Builders	2924 Quaker St, St. Charles 50240		641-396-2462
Certified Septic, Ken Williams	1035 Story Dr. Knoxville 50138		641-891-0699
Davidson Trenching & Backhoe	5591 Pierce St, St. Charles 50240		641-297-2103
Davis Excavation, Keith Davis__	1444 110 th Pl, Knoxville 50138	641-891-0413 or	641-828-7261
Dickerson Mechanical Inc.	P.O. Box 134, Colfax 50054		515-674-3636
Earthworks Inc.	PO Box 456, Sully, IA 50251		641-594-3500
Forest Septic Environmental Services	P.O. Box 219, Indianola IA 50125		515-964-1443
L & D Trenching, Bob Lee	2932 SE 14 th St, Runnells 50237		515-966-2456
Jolly, Rod	529 Johnson St., Pleasantville 50225		515-848-3508
Killen, Mike	1679 140 th Ave., Carlisle, IA 50047		515-480-6082
Leon's Complete Septic Service	407 W Jasper- Pleasantville		641-842-7358
Meland Co- Joe Meland	PO Box 3 Oskaloosa, IA 52577		641-295-5828
Moffitt, Damen	10948 170 th Ave., Indianola 50125		515-480-7139
Nash Well Company	19974 McKinley St, Milo 50166	515-480-4906 or	641-942-7748
Onsite Wastewater Technologies	751 NE Broadway, STE. A, Des Moines 50313		515-244-4646
Pella PreCast Products, Inc., Steve Harthoorn	902 West 8 th St, Pella 50219		641-628-1357
Richards Plumbing(Pella Precast Credential Holder)	P.O. Box 315, Pleasantville 50225		515-848-3317
River to River Septic	P.O. Box 460, Waukee 50263		515-987-3913
Rozendaal Tiling, Norm Rozendaal	2064 Republic, Monroe 50170		641-417-0152
Shilling Excavating Inc., Rick Shilling	1095 Story Dr, Knoxville 50138	641-891-1264 or	641-842-7191
Shilling Septic Service , Tony Shilling	2105 Hwy 14, Knoxville 50138		641-891-6995
Steenhoek Septics	2340 Keokuk Dr, Pella 50219		641-628-9505
Vanderpool Construction	1100 N. 14 th St, Indianola 50125		515-961-4682
Wadle, Adam	P.O. Box 126 Melcher, IA 5016		515-250-4274

Septic Tank Pumpers

Shilling Septic Service, Tony Shilling	2105 Hwy 14, Knoxville, IA 50138	641-891-6995
Certified Septic, Kenny Williams	1035 Story Dr, Knoxville, IA 50138	641-891-0699
Pella Precast Inc, Steve Harthoorn	902 West 8 th St, Pella, IA 50219	641-628-1357
Leon's Septic Service	407 W Jasper, Pleasantville, IA 50225	641-842-7358

Mechanical Aerobic Maintenance Agreement Providers

Certified Septic, Ken Williams	1035 Story Dr, Knoxville, IA 50138	641-891-0699
Davis Excavation, Keith Davis	1444 110 th Pl, Knoxville, IA 50138	641-891-0413
Dickerson Mechanical Inc	Po Box 134, Colfax, IA 50054	515-674-3636
Leon's Septic Service	407 W Jasper, Pleasantville, IA 50225	641-842-7358
Meland Co- Joe Meland	Po Box 3, Oskaloosa, IA 52577	641-295-5828
Nash Well Company	19974 McKinley st, Milo, IA 50166	641-942-7748
Onsite Wastewater Technologies	751 NE Broadway, STE A Des Moines, IA 50313	515-244-4646
Pella Precast Inc, Steve Harthoorn	902 West 8 th St, Pella, IA 50219	641-628-1357
River to River Septic	PO Box 460, Waukee IA 50263	515-987-3913
Rozendaal Tiling, Norm Rozendaal	2064 Republic, Monroe IA 50170	641-417-0152
Shilling Excavating Inc, Rick Shilling	1095 Story Dr, Knoxville, IA 50138	641-891-1264
Shilling Septic Service, Tony Shilling	2105 Hwy 14, Knoxville, IA 50138	641-891-6995
Adam Wadle	PO Box 126, Melcher, IA 50163	515-250-4274

NOTE: The foregoing names have been provided to you at your request. They are listed in alphabetical order and not in any order of preference. The fact their name appears on this list, means only that said contractor is currently licensed to do business in this field of sewage disposal in this county. The names are provided only as a guide, and Marion County and/or any of its individual employees or departments is not endorsing any one contractor. Each citizen is expected to conduct their own due diligence in retaining any of these contractors. Marion County shall be held harmless pursuant to Iowa Law, for any damage caused by any contractor retained by the property owner.