



# District Health Department #10

Healthy People, Healthy Communities

Serving Crawford, Kalkaska, Lake, Manistee, Mason, Mecosta, Missaukee, Newaygo, Oceana, and Wexford

Lake County • 5681 S M-37 • Baldwin, MI 49304 • (231) 745-4663 • Fax: 745-2501

August 11, 2022

Pinora Township Hall  
4032 S Deer Lake RD  
REED CITY, MI 49677

Re: Permit to construct a Water Well

Dear Pinora Township Hall:

Enclosed is the water well permit for which you recently applied. The permit has been approved and you may begin installation at any time. If you have any questions regarding the specific requirements of the water well permit, please do not hesitate to call this office. I would also be happy to answer any questions you may have on proper construction techniques.

The Michigan Water Well Construction and Pump Installation code, Part 127-Act 368 of the Public Acts of 1978, requires all licensed water well drillers to adhere to rule 325.1675 by submitting water well and pump records (Well Logs) within sixty (60) days of completing a water well. A copy of the completed water well and pump record (Well Log) should be sent to you and be kept as a part of your permanent household records.

State law requires the homeowner and Type III wells to sample the well water prior to it being used and/or consumed. Water bottles for your sample can be obtained from this office, by contacting the DEQ Lab directly at 517-335-8184, or from a certified independent lab.

If you have any questions, please call (231) 745-4663. This office is open Monday through Friday, 8:00 a.m. to 4:30 p.m. (8:30-5:00 for Mecosta)

Sincerely,

Terry Felty  
Environmental Health Division  
DHD #10 - Lake County County Office

Enclosure(s)

For more information on Environmental Health services or other public health information beneficial to you and your community, please visit our website: [www.dhd10.org](http://www.dhd10.org)

## District Health Department 10

Crawford, Kalkaska, Lake, Manistee, Mason, Mecosta,  
Missaukee, Newaygo, Oceana, and Wexford

5681 S M-37  
Baldwin, MI 49304  
(231) 745-4663

Well Permit Number: **43-8686**

Permit Type: Commercial Type III Well

Permit Expires: August 08, 2024

### **Permit issued to:**

Pinora Township Hall  
4032 S Deer Lake RD  
REED CITY, MI 49677

### **Permit For Facilities at:**

4032 S Deer Lake RD  
Township: Pinora (T18N R11W) Section: 25  
Subdivision: Lot:  
Tax ID Number: 43-09-025-006-00

### **Permit Requirements:**

1. Install the well per the well construction code. Submit the well record within sixty (60) days of the completion of the well.
2. The water well driller is required to notify this office twenty-four (24) hours in advance of drilling the well.
3. A Michigan-Registered Well Driller "must" properly abandon the existing water well(s) by plugging according to the well construction code.
4. It is the homeowner's responsibility to have the water tested for coliform bacteria. The water sample results must be free of coliform bacteria. Satisfactory water samples must be submitted for final well approval. Bottles may be obtained from the health department or from a certified laboratory.
5. Yard Hydrant: A new/existing yard hydrant that has a buried stop-and-waste valve shall not be installed on the water service line or a branch of the service line. A stop-and-waste valve shall not drain into a well.
6. Well must maintain a minimum of 50 ft isolation from septic tank and 75 ft from all drywell/trenches.
7. Recommend crushing and filling the well pit after the well has been properly abandoned.
8. No well pit: The existing well pit shall not be utilized for any part of the new water well supply. The new well shall be installed a minimum of 10 feet from the existing pit, or any unfilled space below ground.
9. Type III Public water supplies should be sampled for bacteria and nitrates annually. Submit the results to the health department annually.
10. It is the well owner's responsibility to collect the following required water samples: two (2) Consecutive safe (non-detected) bacteriological samples taken greater than 24 hours apart and one (1) Safe (less than 10ppm) nitrate sample. A MDEQ certified laboratory must be used, and satisfactory water samples must be submitted for final well approval.
11. Well must maintain a minimum of 75 ft isolation distance from all septic system.
12. Well to have a minimum of 100' of casing and be drilled through at least 10' of clay.

### **Variations:**

(No Variations)



**Drawing:**

See next page

Type II/III Well Isolation Distance in Feet			
Agriculture Chemical Storage	800	Septic Tank	75
Animal/poultry yard	75	Sewage Pump Chamber	75
Building	3	Contaminate Plumes	800
Buried Gravity Sewer (unknown type)	75	Surface water	10
Buried Gravity Sewer (cast-iron with water tight joints)	10	Underground or above grade fuel tank (1,100 gal or larger, no secondary containment)	800
Buried Gravity Sewer (ductile-iron or plastic with watertight joints)	10	Underground or above grade fuel tank (1,100 gal or larger, secondary containment)	800
Buried Pressure Sewer	75	Underground or above grade fuel tank (less than 1,100 gal.)	800
Drainfield	75	Outhouse	75
Drywell	75	Oil/gas Wells	300
Grease Trap	50	Domestic Sludge Disposal Site	800
Landfill	800	Municipal Sludge Disposal Site	800

Refer to Act 399 PA 1978 for complete listing of minimum isolation distances.

*Terry Felty*

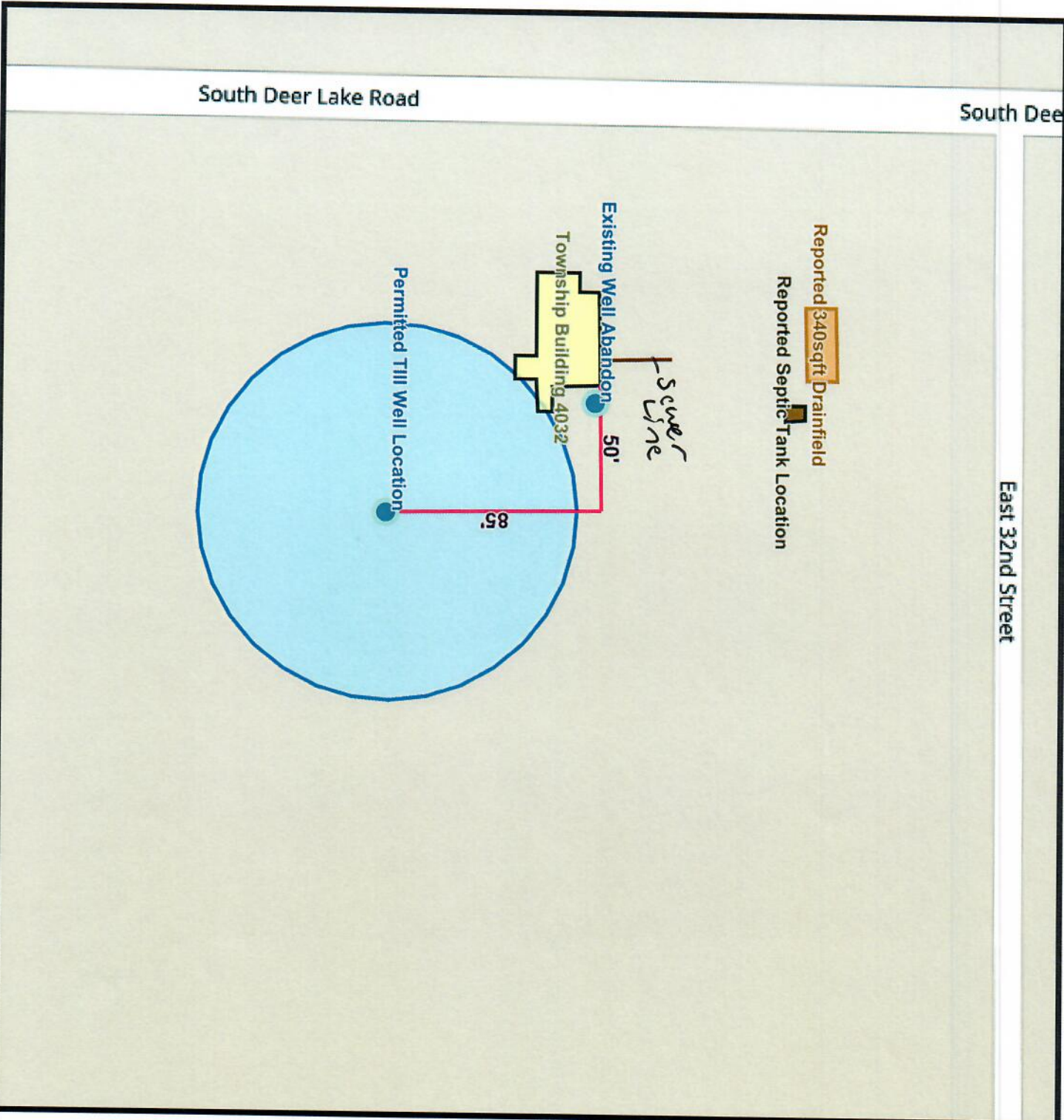
August 09, 2022  Approved  Denied  Extended

Terry Felty, Environmental Health Sanitarian

Well Permit Number: **43-8686**

Environmental Health Regulations require you to notify the Health Officer 24 hours prior to beginning construction of a septic system or drilling water well. Contractor/owner to be aware that other local or state permits maybe required (ie. soil erosion, natural rivers).

Copies to:  Health Department  Property Owner  Sewage Contractor  Well Driller  Construction Codes  Zoning



4032 S. Deer Lake  
Road

Well Permit Site Plan



Map Publication:  
08/10/2022 10:43 AM



**Disclaimer:** This map does not represent a survey or legal document and is provided on an "as is" basis. District Health Department #10 expresses no warranty for the information displayed on this map document.