

TIME OF TRANSFER INSPECTION TOT# 22793 STEVE YAKISH CERT # 8948

Site Information

Parcel Description: **072238008**

Address: **15 Riverview Dr. NE, Iowa City, IA 52240**

County: **Johnson**

Owner Information

Property is owned by a business: **No**

Business Name:

Owner Name: **Sherry Pilarzyk**

Email Address:

Address: **15 Riverview Dr. NE, Iowa City, IA 52240**

Phone No: **319-400-1219**

Additional Contact Information

Name

Email Address

Affiliate Type

Cindy Clark

cindyclark@urbanacres.com

Realtor

Site related information

No Of Bedrooms: **3**

Inspection Date: **08/10/2026**

Facility Type: **Residential**

Currently Occupied: **No**

Last Occupied: **07/01/2026**

System Installation Date: **09/12/2011**

Permit issued by County: **Yes**

Permit Number: **1141**

All plumbing fixtures enter septic system: **Yes**

County contacted for records: **Yes**

Property Information Comments:

Primary Treatment

Tank 1

Tank Name: **Tank 1**

Type: **Septic Tank**

Tank Size (Gal): **1250**

Tank Material: **Plastic**

Tank Corrosion Type: **None**

Liquid Level Type: **Normal**

No. of Compartments: 2	Pump Tank Chamber: No	Licensed Pumper Name: Jim's Septic Service inc
Date Pumped: 8/10/2026	Meets Setback to Well: Yes	Well Type: Public
Distance To Well (Ft.): 200+	Is Accessible: Yes	Lid Intact: Yes
Risers Intact: Yes	Effluent Filter Present: Yes	Watertight: Yes
Tank/Vault Pumped: Yes	Inlet Baffle Present: Yes	Outlet Baffle Present: Yes
Functioning as Designed: Yes		
Tank Comments:		
General Primary Treatment Comments:		

Distribution Type		
Drop Box 1		
Label: Drop Box 1	Material Type : Plastic	Accessible: Yes
Box Opened: Yes	Speed Levelers Present: No	Watertight: Yes
Functioning As Designed: Yes		
Drop Box 2		
Label: Drop Box 2	Material Type : Plastic	Accessible: Yes
Box Opened: Yes	Speed Levelers Present: No	Watertight: Yes
Functioning As Designed: Yes		
Drop Box 3		
Label: Drop Box 3	Material Type : Plastic	Accessible: Yes
Box Opened: Yes	Speed Levelers Present: No	Watertight: Yes
Functioning As Designed: Yes		
Drop Box 4		
Label: Drop Box 4	Material Type : Plastic	Accessible: Yes
Box Opened: Yes	Speed Levelers Present: No	Watertight: Yes
Functioning As Designed: Yes		
Drop Box 5		
Label: Drop Box 5	Material Type : Plastic	Accessible: Yes
Box Opened: Yes	Speed Levelers Present: No	Watertight: Yes
Functioning As Designed: Yes		
Other 1		
Label: Other 1		

Tank Comments: **6th line directly into last line no box**

General Distribution System Comments :

Secondary Treatment

Lateral Field1

Distribution Type: **Drop Box**

Material Type: **Leaching Chamber**

Trench Width: **36**

Lines: **6**

Total Length of Absorption Line: **300**

System Hydraulic Loaded: **Yes**

Gallons Loaded: **200**

Meets Setback to Well: **Yes**

Well Type: **Public**

Distance To Well (Ft.): **200+**

Lateral Lines Probed: **Yes**

Saturation or Ponding Present: **No**

Grass Cover Present: **Yes**

Lateral Lines Equal Length: **No**

System Located on Owner Property: **Yes**

Easement Present: **N/A**

Functioning as Designed: **Yes**

Comments:

General Secondary Treatment Comments:

Narrative Report

TOT Inspection Report Overall Narrative Comments: **A septic inspection was preformed at 15 Riverview Dr. NE Iowa City, IA. 52240 The Septic system consists of a plastic 1250 gallon 2 compartment septic tank with a effluent filter in the outlet baffle. The secondary treatment system is 36 inch wide chamber tile lines with 5 drop boxes and direct into the 6th line. All fixtures were plumbed to the septic tank. Water was induce to approximately 200 gallons with no adverse effects. The septic system was pumped by Jim's Septic on the day of inspection. The septic system was functioning as designed on the day of inspection.**

TIME OF TRANSFER INSPECTION TOT# 22793 STEVE YAKISH CERT # 8948

Owner Name: Sherry Pilarazyk

Address: 15 Riverview Dr. NE , Iowa City , IA 52240

County: Johnson

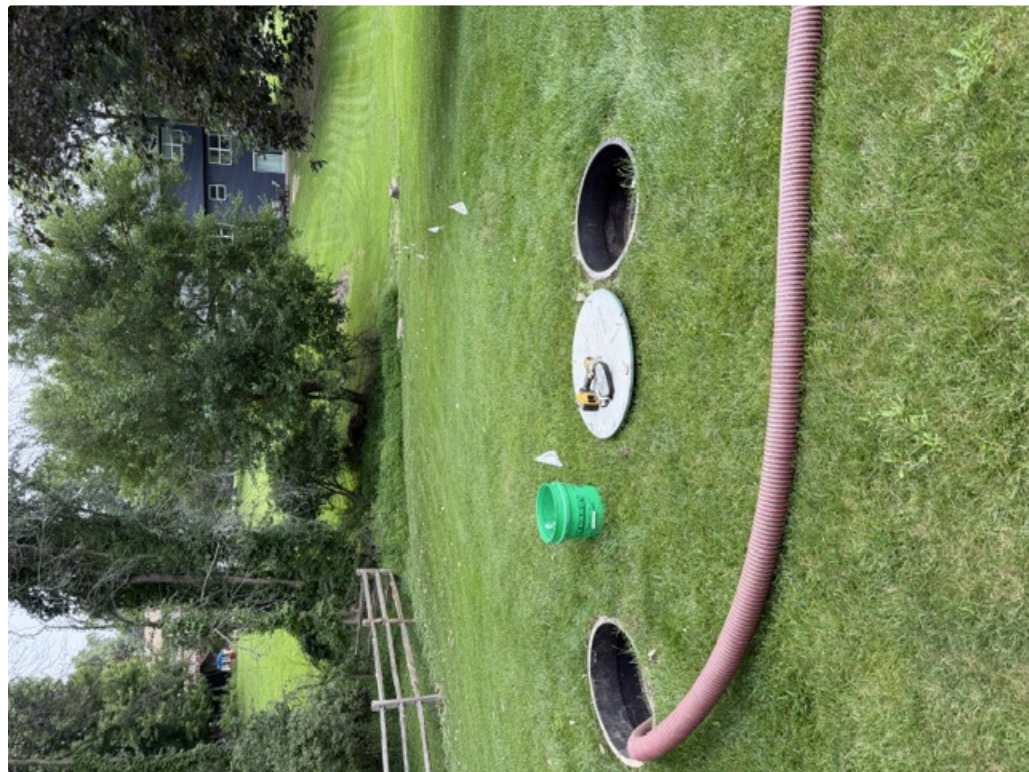
Inspection Date: 08/10/2026 Submitted Date: 8/13/2026













JOHNSON COUNTY BOARD OF HEALTH
PERCOLATION TEST REPORT

Street Address Harding Const. Co., 920 Orchard, Iowa City
Iowa

Legal Description Lot #15, Riverview Estates
Johnson County, Iowa

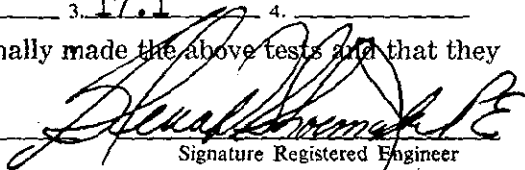
Time in minutes for one inch of water to soak away in pers soaked
test holes:-

1. 3.7 2. 4 3. 17.1 4.

I hereby certify that I personally made the above tests and that they
are true and accurate.

Date

14 May 74


Signature Registered Engineer

15 NE River View Dr I.C.

XX15120600

(15)

PRIVATE SEWAGE DISPOSAL SYSTEM
APPLICATION TO INSTALL

JOHNSON COUNTY HEALTH DEPARTMENT

Description of Private Sewage Disposal System

Log No. 1141

Fee Schedule:

2 bedroom - \$25.00
 3 bedroom - \$31.50
 4 bedroom - \$40.00
 5 bedroom - \$47.50
 6 bedroom - \$55.00

TITLE HOLDER Pat Harding Const. Inc. MAILING ADDRESS _____
 LEGAL DESCRIPTION Lot #15 River View Estates TOWNSHIP Penn
 ADDRESS RR #4 Iowa City CONTRACTOR Pat Harding Const. Inc.
 TYPE OF BUILDING Single Family LOT SIZE OR ACREAGE 19,400 ± sq'
 EXISTING _____ PROPOSED CONSTRUCTION _____ UNDER CONSTRUCTION Yes

NUMBER OF:

ESTIMATED GALLONS SEWAGE PER DAY:

BASEMENT DRAINS TO:

A. Family Units 1
 B. Occupants 4
 C. Bedrooms 3

500 gal
 BASED ON 125 gpcpd

A. Septic Tank ✓
 B. Leaching Pit _____
 C. Other _____

BUILDING SEWER:

JOINTS ARE:

SEPTIC TANK:

A. Cast Iron ✓
 B. Vitrified Clay _____
 C. Concrete _____
 D. Other _____

A. Caulked Lead ✓
 B. Cement _____
 C. Other _____

Material conc
 Gauge (if Metal) _____
 Effective Capacity (below
 water line) 7' - 1000

DISTANCE FROM PROPERTY LINES: Front 40' Rear 100' Side 10' Side 20'

PERCOLATION TEST: Time in minutes required for 1 inch of water to seep away 10.0 Min. Minimum
8.3 min

ABSORPTION UNIT:

TYPE OF MATERIAL SURROUNDING TILE:

Total Square Feet 495 sq'

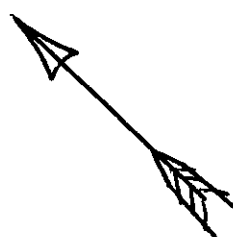
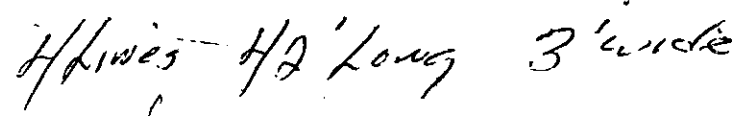
3/4" Washed River Gravel (Preferred) _____

Type of Tile Plastic3/4" Washed Limestone XDepth of Tile 18" min 24" maxDepth Below Tile (12" required) 12"Slope (per 100 ft.) 2" minDepth Over Tile (2" required) 2 1/2"

(Show drawing of leaching pit on back of sheet if used with or in lieu of tile field)

DISTANCE FROM PROPERTY LINES: Front 100' Rear 40' Side 5' Side 5'

DISTANCE FROM WELL: Proposed _____ Existing 300'



It is understood that the local board of health may require a connection to a public sewer when one becomes available in the future.

Signed [Signature]
(Signature of Applicant)

By *Steph M. F. Walsh*
(Representing the Johnson County Board of Health)

By [Signature]
(Representing the Johnson County Board of Health)



JOHNSON COUNTY HEALTH DEPARTMENT
538 S. Gilbert
Iowa City, Iowa 52240
PHONE: 351-3085

Log No. Repair-1141

FEE SCHEDULE

Residential:

2 bedroom \$25.00
3-6 bedrooms \$35.00

Multiple Dwellings \$

Industrial and
Commercial \$

THE UNDERSIGNED HEREBY APPLIES FOR PERMIT TO (INSTALL) (ALTER)
SEWAGE DISPOSAL FACILITIES.

TITLE HOLDER Kenneth & Gillian Pilarczyk

MAILING ADDRESS 15 RIVERVIEW ESTATES RR#6

LEGAL DESCRIPTION SW 1/4 Sec 22 and NW 1/4 Sec 27-80-6 TOWNSHIP Penn

ADDRESS RR#6 Iowa City PHONE 354-2055 CONTRACTOR Bill Grell

TYPE OF BUILDING HOUSE LOT SIZE OR
ACREAGE _____ ZONED AS _____

EXISTING X PROPOSED CONSTRUCTION _____ UNDER CONSTRUCTION _____

NUMBER OF: ESTIMATED GALLONS SEWAGE PER DAY: BASEMENT DRAINS TO:
A. Family Units 1 450 gallons A. Septic Tank _____

B. Occupants _____ BASED ON 150 gal/bd/day B. Leaching Pit _____

C. Bedrooms 3 C. Other _____

BUILDING SEWER:

A. Cast Iron _____

B. Vitrified Clay _____

C. Plastic _____

D. Other _____

JOINTS ARE:

A. Caulked Lead _____

B. Cement _____

C. Other _____

SEPTIC TANK:

Material CONCRETE

Gauge (if metal) _____

Effective Capacity (below water
line) 1000 gal

PERCOLATION TEST: Time in minutes required for one (1) inch of water to seep away _____

ABSORPTION UNIT:

Total Square Feet _____

Type of Tile _____

Depth of Tile _____

Slope (per 100 ft.) _____

TYPE OF MATERIAL SURROUNDING TILE:

3/4" Washed River Gravel (preferred) _____

3/4" Washed Limestone _____

Depth Below Tile (12" required) _____

Depth Over Tile (2" required) _____

DISTANCE FROM PROPERTY LINES: Front _____ Rear _____ Side _____ Side _____

DISTANCE FROM WELL: Proposed _____ Existing _____ Community _____

NOTE: DRAWING OF SEWAGE DISPOSAL SYSTEM REQUIRED ON BACK OF THIS APPLICATION.

DIAGRAM OF PROPOSED SYSTEM

NOTE: Include nearby existing water sources including natural waterways, ponds and lakes and neighboring wells.

9/26 - 9/28/79 - Dick Grull flushed the existing lines and applied PT solution. Pilsbury will continue to use the existing field & will pump the septic tank once a year. (Excavating the lines)

sf

I certify that, to the best of my knowledge, the above information is correct, that all proposed work as indicated will be completed in accordance with the Johnson County Regulations before the facilities are placed in operation, and that adequate maintenance procedures will be followed.

I WILL ALSO COMPLY WITH REGULATIONS THAT REQUIRE THAT THE HEALTH DEPARTMENT BE NOTIFIED AT LEAST EIGHT (8) WORKING HOURS IN ADVANCE, BETWEEN 8:00 A.M. AND 4:30 P.M., THAT THE SITE IS READY FOR FINAL INSPECTION PRIOR TO COVERING.

If it is understood that the local board of health may require a connection to a public sewer when one becomes available in the future.

Date Application Filed _____

Signed _____
(Signature of Applicant)

Date Application Approved _____

By _____
(Representing Johnson Co. Board of Health)

Date of Final Inspection _____

By _____
(Representing Johnson Co. Board of Health)

Johnson County Health Department

Director

L. Graham Dameron, MPH

April 28, 1987

Mr. Allen Christensen
14 Riverview Estates
Iowa City, IA 52240

Re: Lot 14 Riverview Estates, Part I
Penn Township, Johnson County, Iowa

Dear Mr. Christensen,

As you requested, our Department conducted a dye test on your private sewage disposal system to determine whether effluent discharging to the surface of the ground originates from your house. We tested the system on April 23, 1987 and rechecked on April 24, 1987 and April 27, 1987. The area of failure does not appear to be originating from Lot 14 due to two factors; the dye did not surface and the wet area is at a higher elevation than your sewage system as diagramed in our records.

Therefore, to eliminate the possibility that the adjacent Lot 15 is the point source, arrangements should be made to dye test Pilarczyk's sewage system as well. If the effluent is coming from that house, it would appear that Pilarczyk's tile lines extend onto your lot. When repairs are conducted, arrangements should be made to re-locate these lines from Lot 14 to Lot 15.

If you have any questions, please feel free to contact me.

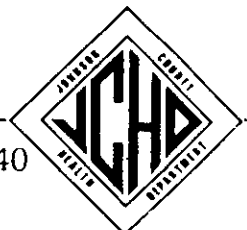
Sincerely,



Sheila A. Johnson, R.S.
Sanitarian

SAJ/mek

cc: Kenneth Pilarczyk



This is to confirm our telephone conversation of March 2, 1988. As we discussed, last year our department received a complaint regarding sewage discharging to the surface of the ground between the houses located on Lots 14 & 15, Quverous Estates Subdivision.

~~As you know, our department dispatched two inspectors to the site of the houses. The test for Lot 14 was negative. The test for Lot 15 was positive, indicating that the sewage was originating from Lot 15.~~

As you know our department dispatched ~~two inspectors to the site of the houses~~ both houses. The test for Lot 14 was negative. The test for Lot 15 was positive, indicating that the sewage was originating from Lot 15.

At that time, I discussed with Mrs. Piker that a repair should need to be made. She wanted to wait until after the July 9, 1987 Bd of Health meeting at which time

Ken Pilarczyk
15 Riverwood Estates
Iowa City, Iowa 52240

~~This is to confirm our conversation of March 2, 1988.~~

This is to confirm our telephone conversation of March 2, 1988. As we discussed, ~~our office has received~~ last year our department received a complaint regarding sewage discharging to the surface of the ground between the houses located on Lot 14 & 15, Riverwood Estates Subdivision.

Subsequently, dye tests ~~conducted~~ ~~on~~ were ~~conducted~~ on both houses. Christensen's house tested on 4-23-87 & rechecked on 4-24-87 & 4-27-87. No evidence of dye. Your house was ^{dyed} tested on 6-11-87 & rechecked 6-15-87. No dye had surfaced to the wet area.

After discussion with Mrs. Pilarczyk, ^{as appears} it was decided to wait until after the 7-9-87 Bd of Health Meeting, at which time all Riverwood Estates Homeowners were invited to discuss the sewage drainage problems in the area. At that time the homeowners present ~~decided~~ preferred to let each individual homeowner repair

at the time

their sewage systems, ~~of~~ failing, under
the current Bay of North regulations.

~~There are other systems in the area~~

At that time, 4 houses in the
subdivision were failing had failing
sewage systems. 3 of the 4 have made
the necessary repairs ~~to~~ in the
fall of 1987. The only remaining system
~~failing system is~~ to be upgraded
to Lot 15.

Johnson County Health Department

Director

L. Graham Dameron, MPH

June 2, 1987

Kenneth Pilarczyk
15 Riverview Estates
Iowa City, Iowa 52240

Re: Dye Testing

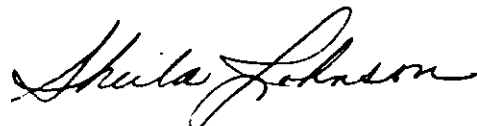
Dear Mr. Pilarczyk:

This is to followup on our April 28, 1987, letter. After testing the Christiansen's house, the effluent surfacing between your houses is not originating from Lot 14.

We are requesting arrangements be made as soon as possible to dye test your house to determine if your sewage system is malfunctioning and the necessary repairs that will need to be made.

Your attention to this matter is appreciated.

Sincerely,



Sheila Johnson
Sanitarian

SJ/rss





JOHNSON COUNTY PUBLIC HEALTH
855 S. Dubuque Street, Iowa City, Iowa 52240
(319) 356-6040 www.johnson-county.com

PERMIT
NUMBER:
1141

PRIVATE SEWAGE DISPOSAL SYSTEM

ALTERATION PERMIT

APPLICATION

An alteration permit is required prior to conducting any change that affects the treatment or disposal of the waste, including replacement of the primary or secondary components, or a change in the design of a permitted private sewage disposal system from the design that was originally installed and approved by the administrative authority. The non-transferable permit is valid for ONE YEAR.

APPLICANT INFORMATION

TITLE HOLDER:

Kenneth Pilarczyk

PHONE:

354-2055

MAILING ADDRESS:

15 Riverview Dr. NE, Iowa City, IA 52240

SITE ADDRESS:

15 Riverview Dr. NE, Iowa City, IA 52240

PARCEL NUMBER:

072238008

LEGAL DESCRIPTION:

SW 1/4 of the SE 1/4 of the SW 1/4 of Section 22 Township 80 N, Range 6 W, Johnson County, Iowa

TOWNSHIP:

Penn

SUBDIVISION:

Riverview Estates

LOT:

15

ACREAGE REQUIREMENT:

☒ 1 acre ☐ 3 acres ☐ 5 acres

LOT ACREAGE OR DIMENSIONS:

approx. 1/2 acre

ZONED AS:

PRIVATE SEWAGE DISPOSAL SYSTEM INFORMATION

BUILDING TYPE:

☒ Residential - Single ☐ Residential - Multiple
☐ Mobile Home ☐ Industrial/Commercial
☐ Other:

DESIGN DATA:

Bedrooms*: 3 Estimated GPD: 450

* For non-household structures please refer to Appendix A of the Johnson County Private Sewage Disposal System Regulations 2009.

FOR OFFICE USE ONLY

REQUIREMENTS

Existing septic tank has a capacity of 1000 gallons. A 1250-gallon capacity is required. If existing tank is in good condition, an additional tank may be added. If not, a new 1250-gallon tank shall be installed.

Preference shall be given to gravity-fed leach lines. It is not likely a pump will be necessary, depending on placement of leach field.

T.E.

RECEIVED

SEP 12 2011

I certify that, to the best of my knowledge, the information submitted with this application is correct and the system has been completed in accordance with Johnson County regulations before the facilities are put into operation. Johnson County Public Health may require access to the property for the purpose of monitoring the system. It is understood that the Johnson County Board of Health may require connection to public sewer when one becomes available.

An inspection must be conducted by Johnson County Public Health prior to covering the system. Contact this Department at least eight (8) working hours (8:00 AM to 4:00 PM, Monday through Friday) in advance to schedule a final inspection.

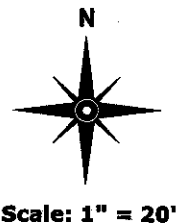
APPLICANT (OR APPLICANT'S AGENT) SIGNATURE & TITLE:

DATE:

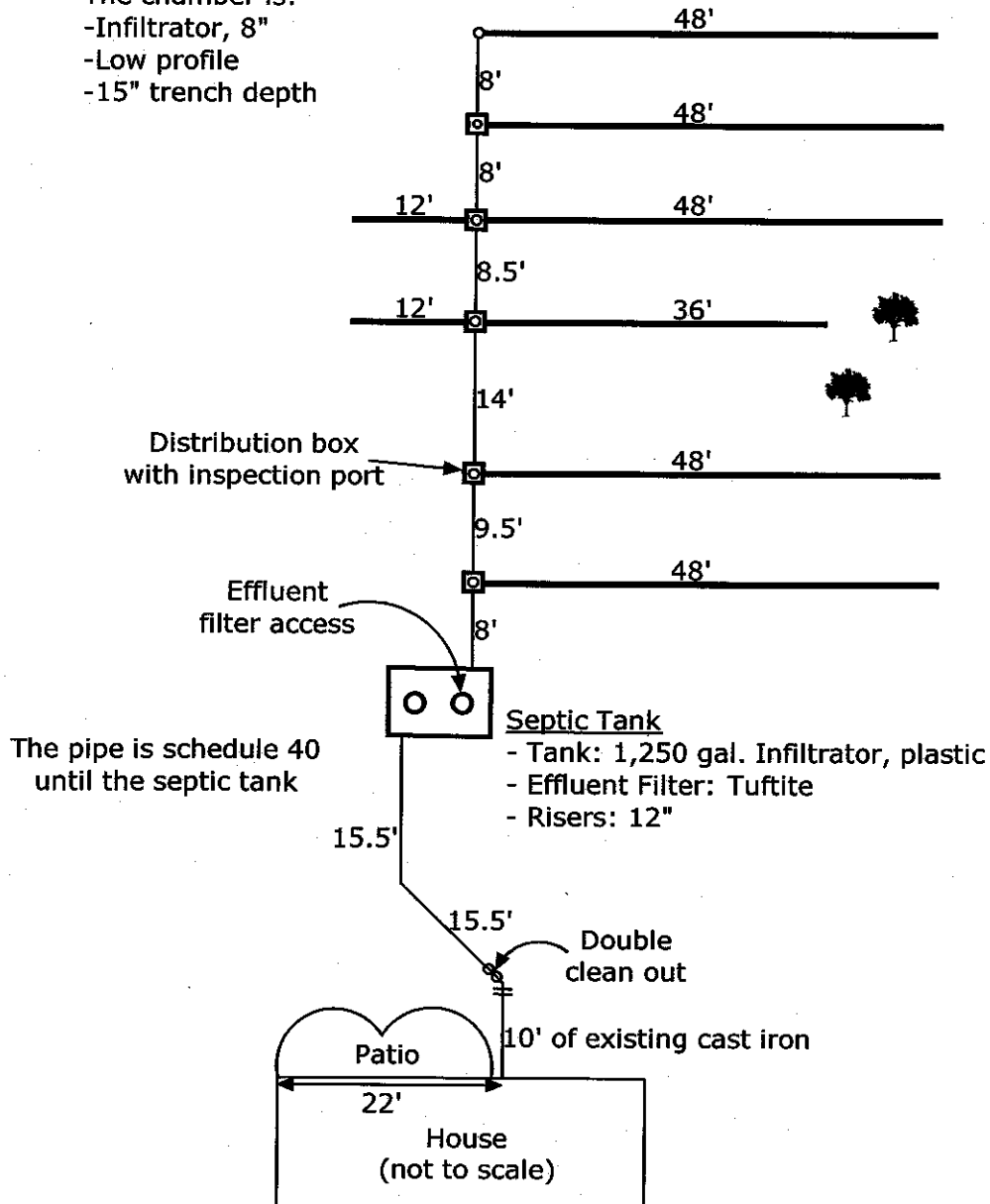
APPROVED BY (REPRESENTING JOHNSON COUNTY PUBLIC HEALTH):

DATE:

Permit #	Owner/Site Address	Type of System	Installed By
1141	Kenneth Pilarczyk 15 Riverview Dr. Iowa City, IA 52240	Chamber	Landis Excavating



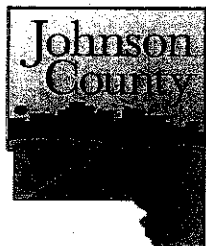
The chamber is:
 -Infiltrator, 8"
 -Low profile
 -15" trench depth



Johnson County Public Health



Inspector	Final Inspection Date(s)	Comments
Tamara Ewoldt	09/22/2011	1) Pump septic tank every 3-5 years. 2) Clean effluent filter as needed. 3) System is sized for 3 bedrooms.



Johnson County Public Health
855 S. Dubuque Street • Iowa City, IA 52240
Phone: 319/356-6040 • Fax: 319/356-6044

 **COPY**

Private Sewage Disposal System ALTERATION PERMIT

This permit expires one year from: 9/13/2011

Permit Number: 1141

Fee: \$150.00

Parcel: 0722380008

This certifies that:

Applicant: Kenneth Pilarczyk

Mailing Address: 15 Riverview Dr. NE, Iowa City, IA 52240

has completed application with the Johnson County Board of Health for alteration of private sewage disposal facilities located at:

Legal Description

SW $\frac{1}{4}$ of the SE $\frac{1}{4}$ of the SW $\frac{1}{4}$ of Section 22 Township 80N Range 6 W, Johnson County, IA

Subdivision: RIVERVIEW ESTATES Lot: 15

Property Address: 15 RIVERVIEW DR NE

and has paid the required fee.

All components of the system must be visible at the time of the final inspection. For inspection arrangements, contact an Environmental Health Specialist in the Watershed Program at 319/356-6040.

This permit to alter a private sewage disposal system has been granted pursuant to the provisions of the Johnson County Public Health Private Sewage Disposal System Regulations 2009, and is subject to the general permit conditions within this permit.

Public Health Representative

9-13-11

Date Issued

THIS PERMIT IS NON-TRANSFERABLE

Septic System Design

Client Information

Name and Address: **Ken Pilarczyk**

15 Riverview Dr. NE, Iowa City, IA 52240

Phone Number(s): 354-2055

Property Information

Site Address: **15 Riverview Dr. NE, Iowa City, IA 52240**

Legal Locations: Riverview Estates, Lot 15

County: Johnson

Township: Penn

PPN: 0722380008

Proposed Uses

Number of Bedrooms

3

Home Business?

No

Number of Lots

1

Water-using devices

Clothes Washer

Dishwasher

Water Softener

Garbage Disposal

Self Cleaning Humidifier

Whirlpool Bath

Swimming Pool

(Check all that apply)

x

x

x

Flow Rate/Bedroom

150

gpd/bedroom

Estimated Flow Rate

450

gpd

Soils Summary Information (See Soil Descriptions)

Depth to Limiting Layer

45 inches

% Slope

5%-18%

Slope Form

sideslope

Design Loading Rate

0.50 gpd/sqft

Mapped Soil Type

Fayette

Soil Texture

silt loam

Soil Structure

see soils worksheet

Absorption System Specifications

Total Square Feet Absorption

900

Width of Absorption Lines

3 feet

Separation Between Lines

6-12 feet

Total Length of Absorption Lines

300 feet

Length of Each Absorption Line

TBD

Distribution Type

Drop Box

Absorption Line Material

Chamber (low profile)

Trench Depth

10"

Contact Information:

Advanced Design & Management, LLC

127 N. 4th St.

West Branch, IA 52358

Phone: (319) 430-7731

E-Mail: AdvancedDandM@gmail.com

This Site Evaluation and Design for a private wastewater system has been prepared for the exclusive use of our client, and for specific application to the project discussed. It has been prepared in accordance with the Johnson County Onsite Wastewater Regulation (2009) and Chapter 69 of the Iowa Administrative Code. No warranties, either expressed or implied, are intended or made. In the event that changes in the nature, design or location of the project as shown are planned, the conclusions and recommendations contained on this form shall not be considered valid unless Advanced Design & Management reviews the changes, and either verifies or modifies the conclusions of this form in writing.

Site Evaluation and Design Completed by:


Hillary Maurer, ENVIRONMENTAL SCIENTIST

Septic System Design (Continued)

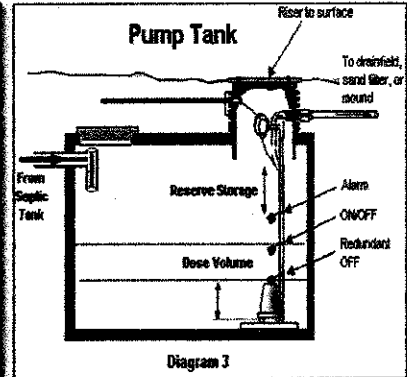
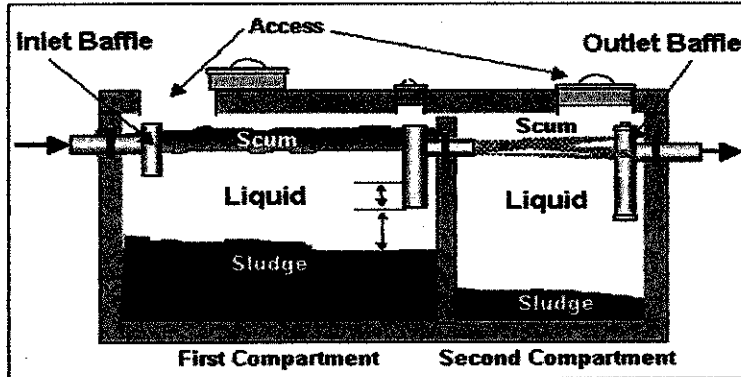
Client Name: Ken Pilarczyk

15 Riverview Dr. NE, Iowa City, IA 52240

SEPTIC TANK CAPACITY MUST BE A MINIMUM OF 1250 GALLONS
Check capacity and condition of septic tank and repair/replace as necessary.

PUMP TANK should have a capacity of at least 250 gallons.

A double cleanout must be installed on new building sewer line between the house and septic tank.



Note: Most local septic tanks have a single manhole access located over the tank's compartment wall. Double manholes are preferable because they facilitate access to all parts of the septic tank.

Infiltrator Low Profile Pipe and fittings are to be used to keep the trench excavation shallow (10 inches max. depth).

Quick4 Plus Standard Low Profile (LP) Chamber

The Quick4 Plus Standard Low Profile (LP) chamber can be installed in a 36-inch-wide trench. This chamber is 4 inches shorter in height than other standard model chambers allowing for shallower installations. The Quick4 Plus All-in-One and Quick4 Plus Endcaps are available with this chamber, providing increased flexibility in system configurations.



Size (W x L x H) 34" x 53" x 8" (86 cm x 135 cm x 20 cm)
Effective Length 48" (122 cm)

900 Square Feet of Absorption Trenches Required

Install 300 lineal feet of Quick4 Plus Standard Low Profile Chamber.

Owner: Ken Pilarczyk

Address: 15 Riverview Dr. NE, Iowa City, IA 52240



Absorption lines in flatter area behind the house should have 8 ft. of undisturbed earth between them; Lines on steeper slope should have 10-12 feet of undisturbed earth between them.

- ⊙ Soil evaluations were done in the three locations identified above (see attached soil descriptions).
- ⊙ The soil absorption system must be located at least 10 feet from property lines and 10 feet from foundation walls.
- ⊙ Yellow lines show approx. locations of 300 lineal feet of absorption lines. Actual locations and number of lines will be determined at time of installation.
- ⊙ Absorption lines are to be connected using drop boxes.
- ⊙ Low-profile chamber-type absorption tile to be used.
- ⊙ Old septic tank to be checked for size & structural integrity and repaired / replaced, if necessary.
- ⊙ New pump tank (at least 250-gallon capacity) to be located at least 10' from house .
- ⊙ Condition of building sewer should be determined at time of installation. If sewer line is not in good condition, it must be replaced. Double-cleanouts to be installed on building sewer.

SOIL DESCRIPTIONS

Comments: Structure & color somewhat difficult to determine at depths where recent rains have not penetrated due to extreme dryness. Though the structures & colors may not be exact, there is no indication that the soils are too wet or dense to support absorption trenches.

Soil Probe #1 Soil Evaluation Date: September 6, 2011

Horizon	Depth	Texture	Color	Mottles	Structure	Comments
A	0 - 4	sil	10YR 3/2, 4/5		2 f-sbk	fr Top 16" are old fill material
AB	4 - 7	sil	10YR 5/4, 3/2		2 f-sbk	fr
AB2	7-16	sil	10YR 5/6, 3/2		2 m-f-sbk	fr Silt coatings strong @ 14"; soil very dry
A	16 - 20	sil	10YR 3/2		2 f-sbk	fr Soil very dry; buried A horizon (original land surface)
AB	20 - 26	sil	10YR 5/6, 3/2		2 f-sbk	fr Soil very dry
B2	26 - 39	sil	10YR 5/6		2 f-m sbk	fr
B3	39 - 45	sil	10YR 5/6		2 m-sbk	slfir More clay in last few inches
Limiting layer @ 45"						

Soil Probe #2

Horizon	Depth	Texture	Color	Mottles	Structure	Comments
A	0 - 2	sil	10YR 3/2		2 f-sbk	fr
AB	2 - 8	sil	10YR 5/6, 3/2		2 f-sbk	fr clay coatings on peds
B2	8 - 24	sil	10YR 5/6		2 m-sbk	fr soil very dry starting @ 18"
B3	24 - 30	sil	10YR 5/6		2 m-sbk	slfir
B4	30 - 37	sil	10YR 5/6		3 f-sbk	fr
B5	37 - 45	sicl	10YR 5/6		1 m-sbk	fr few round iron concretions with gray centers (old roots?)
Limiting layer @ 45"						

Soil Probe #3

Horizon	Depth	Texture	Color	Mottles	Structure	Comments
A	0 - 2	sil	10YR 3/2		2 f-sbk	fr
AB	2 - 7	sil	10YR 5/6, 3/2		2 f-sbk	fr
B2	7 - 12	sil	10YR 5/6		2 f-sbk	vfr
B3	12 - 24	sil	10YR 5/6		2 m-sbk	slfir silt coatings @ 14"; soil very dry
B4	24 - 30	sil	10YR 5/6		2 f-sbk	slfir moist - could be due to existing septic system field
B5	30 - 37	sicl	10YR 5/6		1 f-sbk	fr moist - could be due to existing septic system field
B6	37 - 45	sicl	10YR 5/6		1 m-l-sbk	fr tending toward massive; moist - could be due to existing septic system field
Limiting layer @ 45"						