WELL RECORD FORM

PWSID# or PWTS No. _____ PWTS Permit No. _____ GeoSam WNumber (IGS use only) 101762

Site Identification

Property owner Zachary Terry Other ID _____

Address 24583 Cypress Ave City Onawa

Tenant _____

Well depth 120 ft Date completed 3/27/2022

Location

County Monona

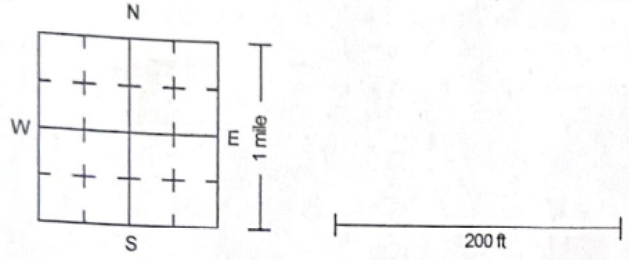
GPS coordinates (NAD83 datum)

_____ Latitude _____ Longitude

☐ Decimal Degrees ☐ Degrees, Decimal Minutes ☐ Degrees, Minutes, Seconds

_____ 1/4 of the _____ 1/4 of the _____ 1/4 of Sec _____ TWP _____ RNG _____ E W

Show exact location of well in section grid with a dot (•). Sketch map of well location on property.



Formation Log

From	To	Color	Hardness	Formation description
0	20			Sand
20	25			sand + coal
25	50			sand
50	53			sand + coal
53	60			sand + some coal
60	70			sand + clay
70	78			clay
78	85			clay + gravel
85	120			gravel
120	140			Red clay + Rock
				(use additional sheets as needed)

Remarks (including depth of lost drilling fluids, materials, or tools)

Well Use

☐ Domestic ☒ Public supply ☐ Livestock

☐ Heat pump ☐ Commercial ☐ Irrigation

# of borehole(s) ____ ☐ Monitoring ☐ Other _____

Drill Method

☒ Rotary ☐ Auger ☐ Cable ☐ Other _____

Hole size

9 inch from 0 ft to 120 ft

____ inch from ____ ft to ____ ft

hole size continued

____ inch from ____ ft to ____ ft

____ inch from ____ ft to ____ ft

Casing, Screen and/or Loop Pipe

Record all depth measurements from ground level (GL). Use + for above GL measurements.

Size (in)	Material	Depth Top(ft)	Depth Bottom(ft)	Perforated	Slotted	Screen
5	PVC	~~0~~ +10	110	☐	☐	☐ slot size _____
5	Screen WDP	110	120	☐	☐	☒ slot size 40
5	Pitless unit	steel	Baker	☐	☐	☐ slot size _____
				☐	☐	☐ slot size _____
				☐	☐	☐ slot size _____

☒ Gravel packed amount 400 lb. variety Red Flint

☐ Seals/packers type Pea Gravel #50 600 lb.

☐ Bottom capped with PVC

Casing Grout

Placement method _____

Type	Depth Top	Depth Bottom	Amount (vol/wt)
Bentonite	40	80	
Concrete	10	40	

Pump Installation

Date 3/27/2022 Depth to intake 65 ft

Type of pump Goulds Rated capacity 35 GPM

Pump diameter 4 in Final Yield 35 GPM

Well Development and Water Information

Date 3/27/2022

Static Water Level	Pumping Water Level	Yield	Duration
13 ft	60 ft	100 GPM	3 hrs

Water level measurement: ☐ Sonic ☐ Tape ☐ Airline ☒ E-line ☐ Estimate

Water yield measurement: ☐ Orifice ☐ Volumetric ☒ Estimate

Main water-supply zone from 110 ft to 120 ft below GL

Well Development

Explain: Air Lifting

Well Disinfection

System Water Volume _____ gal/ft³ Chemical Chlorine

Chemical Concentration _____ mg/L Contact Time 12 hrs

Certified Well Driller

Company Siouxland Well Company

Name Dennis Walsh Certification no. 5683

Certified Pump Installer

Company Siouxland Well Company

Name Dennis Walsh Certification no. 5683

IOWA

See back for submittal information

DNR

DNR Form