

TYPE OR USE PEN
SELF TRANSCRIBING
PRESS HARD

WELL LOG AND DRILLING REPORT
Ohio Department of Natural Resources
Division of Soil and Water Resources, 2045 Morse Road Building B
Columbus, Ohio 43229-6693 Voice (614) 265-6740 Fax (614) 265-6767

1019219

WELL LOCATION		CONSTRUCTION DETAILS	
County <u>Columbiana</u>	Township <u>Unity</u>	☒ Rotary ☐ Cable ☐ Augered ☐ Driven ☐ Other	
Owner/Builder <u>Village of New Waterford</u> (Circle One or Both) First Last		BOREHOLE/CASING (measured from ground surface)	
Address of Well Location <u>47242 S.R. 46</u> Number Street Name		1 ☒ Borehole Diameter <u>12 3/4</u> inches Depth <u>36</u> ft. Casing Diameter <u>8</u> in. Length <u>38</u> ft. Thickness <u>.280</u> in.	
City <u>New Waterford</u>	Zip Code <u>+4 44445</u>	2 ☒ Borehole Diameter <u>8</u> inches Depth <u>70</u> ft. Casing Diameter _____ in. Length _____ ft. Thickness _____ in.	
Permit No. <u>EPA</u>	Section/Lot No. <u>29</u> (Circle One or Both)	Casing Height Above Ground <u>2</u> ft.	
Location of Well in State Plane coordinates, if available: Use of Well <u>municipal</u>		Type 1 ☒ Steel 1 ☐ Galv. 1 ☐ PVC 1 ☐ Other	
N ☐ X <u>-433095.06 N</u> +/- _____ ft. or m		Joints 1 ☒ Threaded 1 ☐ Welded 1 ☐ Solvent 1 ☐ Other	
S ☐ Y <u>-2491817.50 E</u> +/- _____ ft. or m		SCREEN	
Elevation of Well <u>1021</u> +/- _____ ft. or m		Diameter _____ Slot Size _____ Screen Length _____ ft.	
Datum Plain: ☐ NAD27 ☐ NAD83 Elevation Source _____		Type _____ Material _____	
Source of Coordinates: ☒ GPS ☐ Survey ☐ Other _____		Set Between _____ ft. and _____ ft.	
Sketch a map showing distance well lies from numbered state highways, street intersections, county roads, buildings or other notable landmarks. If latitude and longitude are available please include here: Lat _____ Long _____ Well #5 Boardman St. North <u>40.839448, 80.610121</u> West Boardman St. SR46 South		GRAVEL PACK (Filter Pack)	
		Material/Size _____ Volume/Weight Used _____	
		Method of Installation _____	
		Depth: Placed FROM _____ ft. TO _____ ft.	
		GROUT	
		Material <u>Bentonite</u> Volume/Weight Used <u>1000#</u>	
		Method of Installation <u>dry pour</u>	
		Depth: Placed FROM <u>36</u> ft. TO <u>0</u> ft.	
DRILLING LOG*			
INDICATE DEPTH(S) AT WHICH WATER IS ENCOUNTERED.			
Show color, texture, hardness, and formation: sandstone, shale, limestone, gravel, clay, sand, etc.		From	To
Topsoil		0	1
Br. sand & gravel		1	7
Br. sandstone		7	14
Br. shale		14	18
Br. sandstone		18	20
Gr. sandstone		20	56
Dr. gr. shale		56	70
WELL TEST*			
Pre-Pumping Static Level <u>23</u> ft. Date <u>10/4/17</u>			
Measured from: ☐ Top of Casing ☒ Ground Level ☐ Other			
☐ Air ☒ Bailing ☐ Pumping* ☐ Other			
Test Rate <u>305</u> gpm Duration of Test <u>4</u> hrs.			
Feet of Drawdown _____ ft. Sustainable Yield _____ gpm			
*(Attach a copy of the pumping test record, per section 1521.05, ORC)			
Is Copy Attached? ☐ Yes ☐ No Flowing Well? ☐ Yes ☒ No			
Quality <u>clear</u>			
PUMP/PITLESS			
Type of pump <u>submersible/65GS50</u> Capacity <u>65</u> gpm			
Pump set at <u>50</u> ft. Pitless Type <u>Maass/6J2</u>			
Pump installed by <u>McKay & Gould Drilling Inc.</u>			
I hereby certify the information given is accurate and correct to the best of my knowledge.			
Drilling Firm <u>McKay & Gould Drilling Inc.</u>			
Address <u>267 Taggart Rd.</u>			
City, State, Zip <u>Darlington, PA 16115</u>			
Signed <u>Lynn Gould</u> Date <u>10/8/17</u>			
ODH Registration Number <u>0145</u>			
(If more space is needed to complete drilling log, use next consecutively numbered form.)			
Date of Well Completion <u>10/8/17</u> Total Depth of Well <u>70'</u> ft.			

Completion of this form is required by section 1521.05, Ohio Revised Code - file within 30 days after completion of drilling.

ORIGINAL COPY TO - ODNR, DIVISION OF SOIL AND WATER RESOURCES, 2045 MORSE ROAD BLD. B, COLS., OHIO 43229-6693

Blue - Customer's copy Pink - Driller's copy Green - Local Health Dept. copy