



Water Well And Pump Record



Completion is required under authority of Part 127 Act 368 PA 1978.

Failure to comply is a misdemeanor.

Import ID:

Tax No:	Permit No: W-00-6702	County: Osceola		Township: Osceola	
Well ID: 67000003754		Town/Range: 18N 08W	Section: 20	Well Status: Active	WSSN: 2016667
		Source ID/Well No: 001			
		Distance and Direction from Road Intersection: 1/4 mile West of 100th and 1/4 mile South of 9 Mile			
Elevation: 1145 ft.		Well Owner: Nestle Waters North America			
Latitude: 43.939622		Well Address: 10255 9 Mile Ewart, MI 49631		Owner Address: 19275 8 Mile Stanwood, MI 49346	
Longitude: -85.291933					
Method of Collection: Unknown					

Drilling Method: Cable Tool	Well Use: Type II public	Pump Installed: Yes	Pump Installation Only: No
Well Depth: 181.00 ft.	Date Completed: 5/3/2001	Pump Installation Date: 10/9/2008	HP: 20.00
Well Type: New	Height: 1.60 ft. above grade	Manufacturer: Grundfos	Pump Type: Submersible
Casing Type: Other		Model Number: 1505200-9	Pump Capacity: 150 GPM
Casing Joint: Welded		Drop Pipe Length: 67.00 ft.	Pump Voltage:
Casing Fitting: None		Drop Pipe Diameter: 4.00 in.	Drilling Record ID:
Diameter: 10.00 in. to 94.00 ft. depth		Draw Down Seal Used: No	
Borehole: 16.00 in. to 195.00 ft. depth		Pressure Tank Installed: No	
		Pressure Relief Valve Installed: No	

Static Water Level: 37.27 ft. Below Grade	Yield Test Method: Test pump	Formation Description	Thickness	Depth to Bottom
Well Yield Test: Pumping level 49.90 ft. after 192.00 hrs. at 400 GPM		Brown Sand Fine	16.00	16.00
		Brown Sand Fine To Coarse	53.00	69.00
		Brown Sand & Gravel Medium To Coarse	4.00	73.00
Screen Installed: Yes	Filter Packed: Yes	Brown Sand Fine To Coarse	45.00	118.00
Screen Diameter: 10.00 in.	Blank:	Brown Sand Fine To Medium	2.00	120.00
Screen Material Type: Stainless steel-wire wrapped		Brown Sand Fine	15.00	135.00
Slot Length Set Between		Brown Sand Fine	11.00	146.00
0.02 75.00 ft. 94.00 ft. and 181.00 ft.		Brown Sand Fine	8.00	154.00
Fittings: None		Brown Sand Fine	11.00	165.00
		Brown Sand & Gravel Medium	11.00	176.00
		Brown Sand Fine To Coarse	16.00	192.00
		Gray Clay Gravel Sand	3.00	195.00

Well Grouted: Yes	Grouting Method: Grout pipe inside casing	Geology Remarks:
Grouting Material	Bags Additives Depth	Occasional clay lenses from 0 to 69 feet, from 120 to 135, from 146 to 154 and from 165 to 176 feet.
Neat cement	26.00 None 0.00 ft. to 42.00 ft.	
Bentonite slurry	0.00 None 42.00 ft. to 84.00 ft.	

Wellhead Completion: Well house, Other	
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Nearest Source of Possible Contamination:	Drilling Machine Operator Name: Mr. Richard Herron
Type Distance Direction	Employment: Employee
None	

Contractor Type: Water Well Drilling Contractor	Reg No: 41-1095
Business Name: Stearns Drilling Company	
Business Address: 6974 Hammond SE, Dutton, MI, 49316	

Water Well Contractor's Certification	
This well was drilled under my supervision and this report is true to the best of my knowledge and belief.	
Signature of Registered Contractor	Date

General Remarks: 16in casing driven to 195ft. 10in well constructed in 16in casing. Grout 0-42ft 100 bags neat cement (5/7/03). 16in casing removed. Screen blanks from app 173ft-179ft & 110ft-114ft. Well in wellhouse with stainless steel discharge flange.

Other Remarks: Casing Type: Schedule 40 stainless steel, Wellhead Completion: Capped 2.52 feet above grade