BROWN DRILLING & WATER TREATMENT
GROUND WATER SUPPLY SYSTEMS
Established 1927

NGWA KNOWLEDGE EXPERIENCE CERTIFIED ABILITY

1
7215 Highland Road (M-59)
Howell, Michigan 48843
(517) 546-0600
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Village of Pinckney
Attn: Dustin Moma
220 S. Howell Street
Pinckney, MI 48169

October 21, 2026

SENT VIA EMAIL: d.moma@villageofpinckney.org

Re: Well #1
Clean Well and Inspect Pump and Motor

Dustin,

Brown Drilling and Water Treatment is pleased to provide the following quote to test and clean Well #1, for the Village Pinckney. Additionally, we have included costs to inspect the Hollow Shaft Motor and Line Shaft Turbine (LST) Pump. Presented below are our proposed procedure and costs.

QUOTE

Item	Units	Unit Price	Amount
Pre-Cleaning *Capacity Test Pump & Inspect Pump*			
Labor, 3 Men, Crane and Support Truck to Conduct 2 Hour Capacity Test & Pull and Inspect (LST)	8 Hr.	500.00	$ 4,000.00
Inspect LST Pump and HS Motor			
Deliver HS Motor to a Repair Shop for Inspection and Pick up	3 Hr.	125.00	375.00
Tear Down and Inspect Bowl Assembly 1 Men *Any repair of replacement of the pump and motor are not included in this quote. (*)*	3 Hr.	125.00	375.00
Pre-Cleaning Video Camera Survey			
Labor, 1 Man w/mob	4 Hr.	150.00	600.00
Video Camera Base Charge	1	350.00	350.00
Report	1	200.00	200.00
Clean Well #1			
Labor, 3 Men, Crane and Support Truck to Brush Casing w/Mob.	8 Hr.	500.00	4,000.00
Air Compressor (375 CFM) Base Fee	1	600.00	600.00
Air Compressor (Per Hour)	5	75.00	375.00
Labor, 3 Men Crane and Support Truck	8 Hr.	500.00	4,000.00
Brushes and Well Head	1	500.00	500.00

Item	Units	Unit Price	Amount
Chemical Treatment of Well			
The chemical treatment is based on the standing column of water, in the well 1,090 gallons. Treatment volume is 1,090 x 1.5 + 1635 Gallons We will blend NuWell 120 (Phosphoric Acid) and NuWell 310 (Biodispersant) into the 1635 gallons and tremie the solution throughout the water column starting at the bottom of the well. Then surge lightly for 4 – 6 hours & leave in well over night.			
NuWell 120 Phosphoric Acid (15 Gal Pail)	7	1933.00	$ 13,531.00
NuWell 310 Biodispersant (5 Gal. Pail)	6	987.00	5,922.00
Labor, 3 Men, Crane and Support Truck	9 Hr.	500.00	4,500.00
Labor, 3 Men, Crane, Air Compressor to Purge Well into Storage tank, Neutralize and Pump to Waste	9 Hr.	500.00	4,500.00
Air Compressor	5 Hr.	75.00	375.00
Disinfect Well			
We will prepare a 300-ppm chlorine solution with chlorine for 3 standing well column volumes: 1090 x 3 = 3,270 Gallons. Blend solution, tremie throughout water column and surge lightly for 4-6 hours.			
Liquid Chlorine	10 Gal.	14.00	140.00
Labor, 3 Men, Crane and Support Truck	9 Hr.	500.00	4,500.00
Labor, 3 Men, Crane, Air Compressor to Purge into Storage Tank, until 50 ppm of residual Chlorine and Pump to Waste	8 Hr.	500.00	4,000.00
Air Compressor	5 Hr.	75.00	375.00
Post-Cleaning Video Camera Survey			
Labor, 1 Man w/mob	4 Hr.	150.00	600.00
Video Camera Base Charge	1	350.00	350.00
Report	1	200.00	200.00
Post-Cleaning *Capacity Test & Install Pump*			
Labor, 3 Men, Crane and Support Truck to Install Old or New LST and Conduct 2 Hour Capacity Test	8 Hr.	500.00	$ 4,000.00

TOTAL QUOTE ---------- $58,368.00

(*) Should a new bowl assembly be required, we recommend a FloWise 9HC – 4 Stage

Cost with freight is $8,214.00

The design point for this bowl assembly is: 504 GPM @ 193' TD

Our pump inspection will also confirm the condition of the column pipe. If the column pipe requires replacement, we will provide a separate quote for this material.

We appreciate the opportunity to provide our services. If you have any questions, please contact us at (517) 546-0600.

Respectfully Submitted,

Brown Drilling and Water Treatment

Gary L. Sunderland
gary@browndrillingco.com

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