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CRYSTALFLOW

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Well report and system inspection

Date: November 23, 2020

Address: 250 Main St, Burlington

Agent: John Smith

Client: Jeff Wilson

Well Information:

Well Type: 6" Drilled Well

Total Depth: 54.6 feet

Static level: 35 feet

Notes: The well is up to code.

Well Production: 20 - 24 litres per minute. 5- 6 GPM.

The well production is also referred to as the "well recovery rate". It shows the rate in which the well produces water. This rate can be sustained over long periods of time.

Equipment Inspection:

Well pump: 1/2hp, 2-wire submersible pump on a Pumptec underload protector. Approximately 1 year old.

Pressure tank: 20 Gallon. Champion. 2009

Notes: The pump system is working properly.

Water treatment equipment:

Iron/sulphur filter: 1.0 cuft air injected iron filter.

Water softener: 30k Clack, 2008

Turbidity filter:

Carbon filter :

Cartridge filter(s): 10" Big Blue, 5-micron sediment filter.

Ultraviolet sterilizer: Excalibur 10 GPM

Reverse Osmosis:

Distiller:

Other:

Raw water test

Hardness: 30 GPG

Iron: 1.5 ppm

Sulphur: Trace

TDS: 605

PH: 7.2

Treated water test

Hardness: 0-1 GPG

Iron: 0.2 ppm

Sulphur: Not detected

TDS: 655

PH: 7.2

Recommendations:

Maintain regular system service by replacing the UV lamp and filter annually.

Keep the water softener brine tank 1/2 full of salt.

Inspected by:

Mike Nelson - MOE Well Technician License #T-2848

Crystalflow - MOE Well Contractor License #7325