WELL WATER INTERPRETATION LETTER

SAMPLE DELIVERABLE

We map the land, test the water, and know the ground.

WELL WATER INTERPRETATION LETTER

SAMPLE ONLY | ALL CLIENT NAMES, PROPERTY DETAILS, WELL RESULTS, AND INTERPRETATIONS IN THIS DOCUMENT ARE FICTITIOUS AND PROVIDED FOR DEMONSTRATION PURPOSES ONLY.

Prepared for	Willow Creek Holdings, LLC (fictional sample client)
Prepared by	Brooks Geoconsulting
Sample letter date	May 10, 2026
Subject property	Fictitious rural residence, 8125 Marsh Hollow Road, Whitehouse Township, Ohio
Sample well	Private drilled residential well, represented in this sample as approximately 110 feet deep
Interpretation scope	Client-friendly review of a fictional private well laboratory summary, with planning-level observations and follow-up suggestions
Representative package	Private Well Sample Coordination and Interpretation Letter - starting at $325 plus laboratory fees, depending on travel, sample panel, and turnaround.

1. Purpose of This Sample

This fictional sample shows how Brooks Geoconsulting may present a concise well water interpretation letter for a homeowner, buyer, lender, or attorney who wants laboratory results translated into plain-language observations and next-step guidance.

2. Interpreted Sample Results

The table below uses fictional laboratory values to demonstrate how a simple interpretation summary can be presented to a client. The values and comments are illustrative only and are not tied to a real property, real well, or real lab report.

Parameter	Sample result	Illustrative reference point	Interpretation note
Total coliform / E. coli	Absent / absent	No detection in sample	No bacteria-related red flag is represented in this sample result set.
Nitrate as N	2.1 mg/L	Below common drinking-water health benchmark	Not elevated in this fictional sample.
Iron	0.62 mg/L	Above common aesthetic benchmark	May contribute to metallic taste, orange staining, or fixture buildup.
Manganese	0.08 mg/L	Above common aesthetic benchmark	May contribute to dark staining or nuisance water-quality complaints.
Hardness	245 mg/L	Hard water range	Likely to contribute to scale buildup and soap-use inefficiency.
pH	7.4	Near neutral	Not shown as a concern in this sample interpretation.
Arsenic	<1 µg/L	No elevated finding shown	No sample indication of an arsenic issue in the fictional dataset.
Total dissolved solids	410 mg/L	Moderate mineral content	Can affect taste but is not shown as the main issue in this sample.

3. Interpretation Letter

Based on the fictional laboratory summary used for this sample, the represented well does not show a bacteria-related or nitrate-related result that would, by itself, suggest an immediate high-priority drinking-water red flag. Instead, the sample dataset points more strongly toward common private-well nuisance issues, particularly hardness, iron, and manganese, which can affect taste, staining, fixture performance, and long-term household maintenance.

In plain terms, this sample result set reads like water that may be usable from a health-screening standpoint based on the specific fictional parameters shown, but not ideal from an aesthetic or household-performance standpoint without treatment. A client receiving a real letter in this format would understand that the main decision is not whether the water is obviously unusable, but whether they are comfortable with the likely need for softening, iron-control treatment, or follow-up sampling depending on household use and risk tolerance.

For a buyer or homeowner, the most practical takeaway from this fictional example is that the well would likely remain under consideration, but with a recommendation to budget for treatment review, confirm current bacterial status on a routine schedule, and evaluate any additional parameters that matter for the specific property history, nearby land use, lender requirements, or household health concerns.

4. Suggested Follow-Up

- Consider treatment review for hardness, iron, and manganese if the household experiences staining, scale buildup, or taste issues.
- Repeat bacteria and nitrate testing on a routine schedule appropriate to private-well ownership, especially after repairs, flooding, vacancy, or changes in water appearance or odor.
- If the property is under purchase review, pair the lab interpretation with a broader property screening package so water quality is considered alongside drainage, land use, and site-history context.
- Where property history or nearby land use suggests added risk, consider an expanded lab package rather than relying only on the limited fictional parameter set shown in this sample.

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Date: May 10, 2026