

EVALUATING A COMMUNITY-WIDE DRINKING WATER SOLUTION

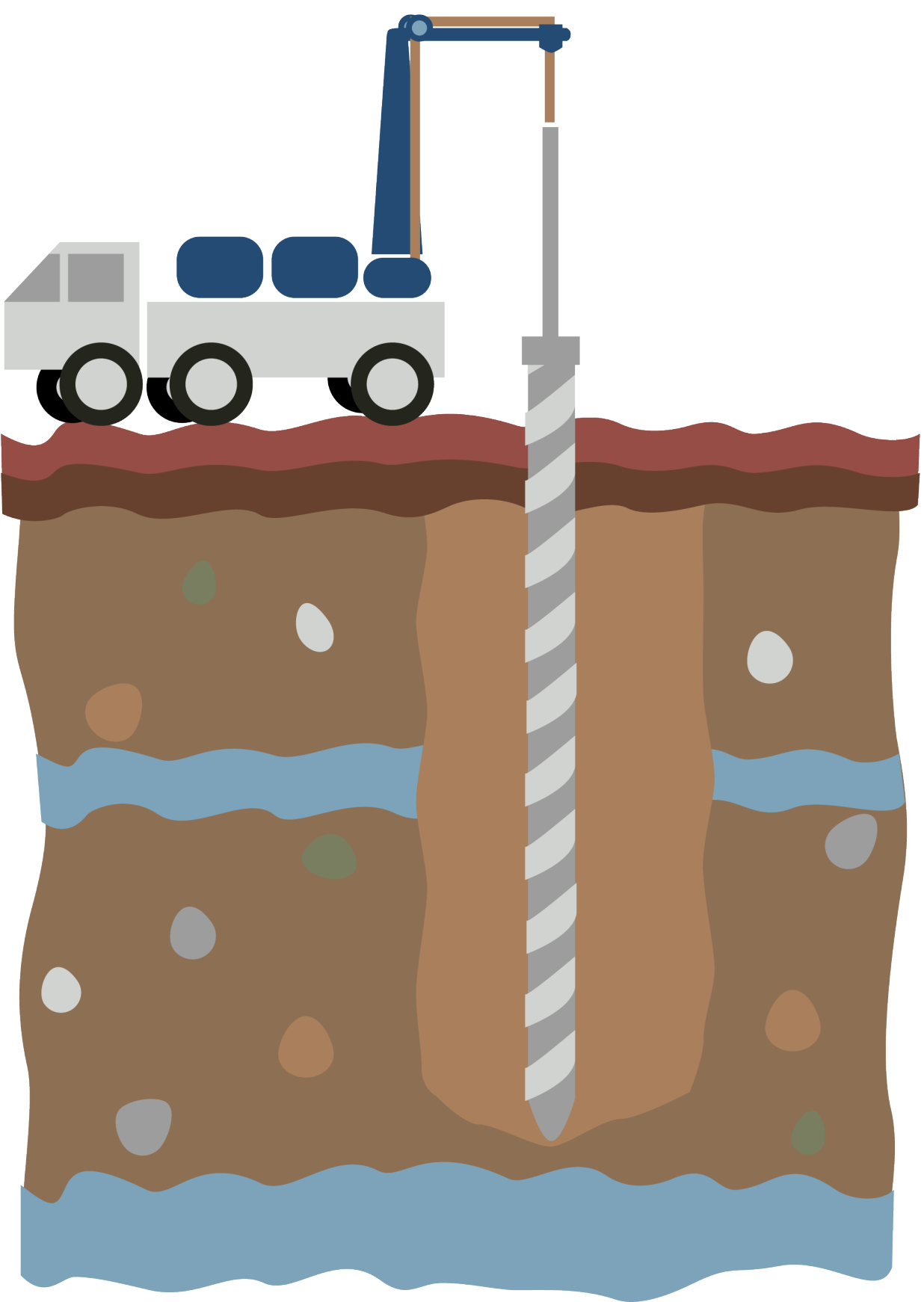
ALTERNATIVE 1
DIG DEEPER PRIVATE WELLS

DOES NOT SATISFY CRITERIA FOR A
COMMUNITY SOLUTION

SUMMARY

This alternative would **modify each existing private well that has unsafe nitrate levels (> 10 mg/L)**. Modifications could include drilling a new deeper well to access uncontaminated aquifers, installing well casing to prevent contaminated water leaks, and potentially upgrading pumping equipment for greater depths.

The well driller would drill deeper until reaching a source of water and would test for flow rate and water quality. **If the well does not produce adequate flow for a home (at least 5 gallons per minute) and meet clean water standards, then the driller would continue drilling deeper.**



FINDINGS

- Not affordable.
- Not eligible for federal, state, or county funding.
- All costs to be paid by the property owner.
- Potential coordination help from Morrow County.
- No guarantee that the deeper wells will deliver clean drinking water.

EVALUATION: DOES NOT WORK

Effective – **Need More Data.**

Comprehensive – **Need More Data.**

Permissible – **Meets Criteria.**

Affordable – **Does Not Meet Criteria.**