



Water System Operator: Spencer Stone

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Cooke City Water District

DATE TAKEN: September 24, 2025

TEST TAKEN:

PH Levels

Alkalinity:

Bicarbonate:

Carbonate:

Hardness:

N & N:

Calcium:

RESULTS

7.8 s.u.

ND mg/L

ND mg/L

ND

199 mg/L

.25 mg/L

46 mg/L

Livestock Suitability

Based on the mineral content only, the water is suitable for all classes of livestock.

Irrigation Classification

Salinity Hazard	C2	Medium-Salinity Water:	can be used if a moderate amount of leaching occurs. Plants with moderate salt tolerance can be grown in most cases without special practices for salinity control.
Sodium (Alkali) Hazard	S1	Low-Sodium Water:	can be used for irrigation on almost all soils with little danger of the development of harmful levels of exchangeable sodium. However, sodium-sensitive crops such as stone-fruit trees and avocados may accumulate injurious concentrations of sodium.