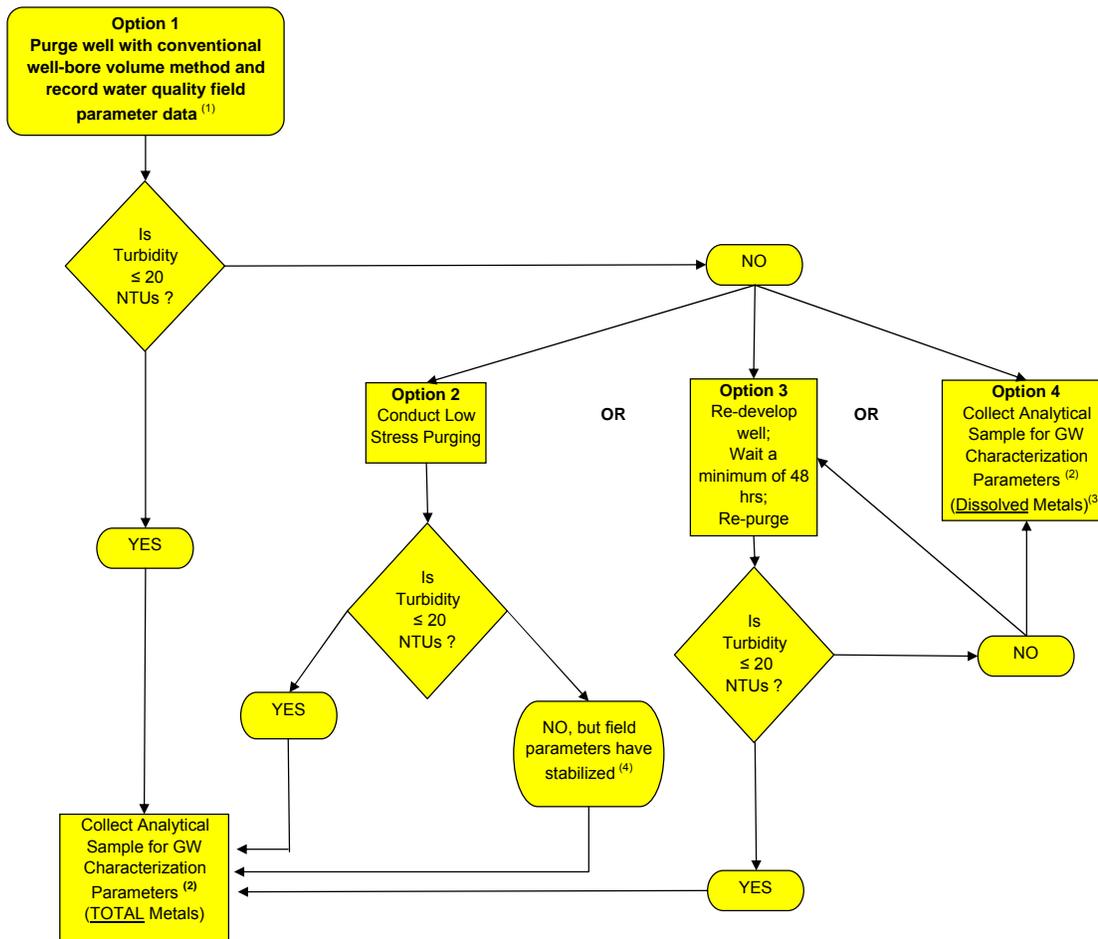


DECISION CHART: GROUNDWATER SAMPLE COLLECTION FOR METALS

NOTE: WDEQ does not recommend purging and sampling monitoring wells within 48 hours of well development.



Notes

(1) Field Indicator Parameters include:

Temperature (oC)
pH (S.U.)
Specific Conductance (mS/cm)
Turbidity (NTU)

(2) Groundwater Characterization Parameters include the following:

Aluminum (Al)	Copper (Cu)	Total Dissolved Solids (TDS)
Arsenic (As)	Iron (Fe)	Zinc (Zn)
Boron (B)	Lead (Pb)	pH
Cadmium (Cd)	Manganese (Mn)	Sodium Adsorption Ratio (SAR)
Chloride (Cl)	Selenium (Se)	
Chromium (Cr)	Sulfate (SO ₄)	

(3) If required, analysis for dissolved metals requires field filtration with a 0.45 micron filter.

(4) Field indicator parameters are considered stable when three consecutive readings spaced a minimum of 5 minutes apart, are within 10 % of the previous reading.