



Well Evaluation Decision Matrix

	Insufficient Water Supply Yield	Sufficient Water Supply Yield
Not Impacted¹	<ul style="list-style-type: none"> Extend depth of well to 400 ft-bgs³ Evaluate yield Re-sample Options based on above: <ol style="list-style-type: none"> Keep deepened well for monitoring or Convert deepened well for supply, if <ul style="list-style-type: none"> Sufficient yield and Not impacted 	<ul style="list-style-type: none"> Convert to supply well Convert old supply well to monitoring well
Impacted²	<ul style="list-style-type: none"> Use as monitoring well 	<ul style="list-style-type: none"> Use as monitoring well
¹⁾ MTBE <20 µg/L ²⁾ MTBE >20 µg/L ³⁾ Requires re-mobilization		

Drilling and Sampling Notes

- Drill by air hammer method.
- With baking sieve, collect cuttings every 10 feet, wash, describe, and archive in jar.
- Pause drilling, circulate air to blow out water, measure yield, and collect sample for MTBE analysis at the following intervals: 75, 100, 160, 200 ft-bgs.
- Note depth of increased water production when encountered.
- Note depth of increased or decreased drilling rate when encountered.