

PETROLEUM SURVEY SAMPLING INFORMATION

1) General: The Petroleum Survey sampling kit consists of:

(2) 40 mL glass vials with septum caps preserved with Sodium Thiosulfate

2) Sampling Container Preparation:

Write name and sampling date on bottle labels.

3) Site Selection:

Sample sites/water spigots should be chosen carefully to obtain a representative sample of well water. The kitchen sink spigot is usually the best choice. However, for single lever faucets make sure cold water **only** is run. All aerators, screens, and filters should be removed or placed in bypass prior to sampling. New wells, or wells that have not been used recently, should be run before sampling to flush stagnant/contaminated water from the system.

4) Sampling Procedure:

Do not rinse the vials; they contain a preservative that must remain with the sample. Once you have chosen your sample point, turn the water on and let it run for about five minutes, or longer for little used spigots or wells. The water velocity should be reduced to a small, steady stream prior to sampling. Once the water velocity has been established, remove the cap from one of the vials and slowly fill by letting the water run down the side of the vial. Fill until the water domes over the top of the vial, but do not let the sample overflow. Carefully replace the septum cap and tighten. Invert the vial and inspect for bubbles; no bubbles should be present. Repeat for the other vial. Please return to the lab promptly.