



Sampling Procedure (Grab)

Exercise all necessary measures to ensure personal safety will conducting sampling. Proper eye protection and disposable gloves should be used while conducting sampling. Always wash hands or use alcohol gel for disinfection after samples have been collected or after handling sample bottles or equipment.

1. Always use adequately sized sampling containers. Sampling containers must be prepared and sterilized prior to collection at sampling site.
2. Turn on fixtures in home to create a flow through system.
3. Locate effluent pipe closest to point of discharge as possible. Commonly the inlet to a pump station, that is exiting the Jet system, will be the ideal point to collect your sample. In the event there is no pump station a sampling cross may be added to the piping exiting the Jet system to provide a proper sampling port.
4. Clean pipe section with brush and allow any collected solids, foreign material, and bacterial growth to exit pipe before taking sample.
5. Carefully place mouth of sampling bottle into the free falling stream of effluent, do not allow the mouth of the sampling bottle to touch the pipe.
6. Fill sample bottle 95% leaving room for expansion during transport.
7. Take extreme care while handling open sample bottle, do not let any dust, debris, or foreign material enter sample. Do not touch interior of sample bottle or lid. If sample becomes contaminated a new sampling bottle must be used to collect a fresh sample.
8. Sample must be tested at time of collection for presence of chlorine and results recorded.
9. Cap and label sample.
10. Samples must be stored in a cooler with ice during transport, especially if BOD testing is to be conducted on the sample.
11. If BOD testing is to be conducted sample must be delivered to lab immediately so that test can be conducted within six hours of collection.
12. Make sure all records and labels are correct before turning sample over to your local laboratory. A chain of command form should be completed with each sample delivery to your local laboratory. Check with your local laboratory to ensure proper size and labeling of samples are being met for their needs.