



Sampling and Shipping Instructions

Sample Location

- It is important to refer to your specific NPDES/CDPS discharge permit for the appropriate location to collect a sample(s).
- If you are not collecting under a discharge permit or the location is not accessible, it is important to collect samples that are representative of the water. Be sure to accurately survey the sample location as methodology often requires all subsequent samples be collected from the same location. NOTE: avoid collecting samples from static water sources if at all possible.

Sampling Recommendations

- Prior to your sampling event, SeaCrest will send you a sampling kit that contains all required sample vessels, labels, custody seals, and a chain of custody. Samples vessels have been pre-cleaned and, if applicable, pre-preserved with the appropriate chemical. **Take special care when handling vessels with preservation agents in them as they are often harmful.**
- **Collection of samples that do not require preservation agents:** Sample vessels that do not contain preservation chemicals should be rinsed with the sample water completely prior to sampling (this includes the lids). Fill the vessel completely, taking care to minimize head space remaining after collection.
- **Collection of samples into pre-preserved vessels:** DO NOT rinse vessels with chemical agents already inside. Carefully fill the vessel making sure to minimize head space while not allowing any of the preservation agent to spill out. SeaCrest may include "collection blanks" with your sample kit and in such cases, additional sampling instructions will be included with your sample kit.

Labeling Samples and Completing the COC

- Several components need to be written on the sample directly or on the label provided. These include:
 1. Unique sample ID
 2. Site of sample
 3. Date and time of sample
 4. Sampler's initials
- NOTE: All information written on the sample or label needs to be **exactly** transcribed onto the COC.
- Fill out the COC completely making sure to indicate all the analyses you wish SeaCrest to perform.
- Do not forget to "relinquish" your sample(s) by signing and dating the COC.

Shipping, Holding Time, and Preservation

- Different types of analysis require different types of preservation and holding time. Please contact your SeaCrest Project Manager at (303) 661.9324 with questions regarding preservation and/or holding time.
- Samples need to be chilled starting from the point of collection and maintained at a temperature of either 0-6°C or 0-4°C depending on the type of analysis. Block ice, cubed ice, and/or blue ice are permissible to chill your samples. DO NOT use dry ice or allow your samples to freeze.
- SeaCrest is open 7 days a week to process your samples. Samples can be mailed using UPS or FedEx, delivered via a courier, or dropped off in person.

Please contact SeaCrest with any questions about sampling requirements. Remember, sampling precision is essential to achieving good and true data.