

CALTEST SAMPLING INSTRUCTIONS- GENERAL STORMWATER PARAMETERS

Analyses and holding times for General Stormwater permit analyses.

Refer to your permit to confirm your required parameters.

Analysis	Container Type	Holding time
Oil & Grease (EPA 1664 A)	(1–2) HCl-preserved Amber Glass Liters (collection in duplicate is recommended)	28 days
Total Suspended Solids (TSS) SM 2540 D	(1) Unpreserved Poly Liter	7 days
pH—to be collected/recorded in the field	Use pH meter or pH strips	15 minutes

Special handling instructions for containers with Hydrochloric Acid (HCl):

1. Use gloves and safety glasses whenever handling bottles.
2. Inspect containers upon receipt to confirm that they are intact, with lids secured.
3. With lid secured, inspect that there is liquid preservative in the bottle. You should see an approximately nickel to quarter size drop in the HCl-preserved container.

Sampling instructions- General

1. When sampling, use gloves and safety glasses. Open the lid carefully and away from face. Use care not to spill and avoid inhaling.
2. Fill in Chain of Custody (COC) form and sample bottle label with dates, times, and locations of sampling.

Sampling instructions- Oil and Grease

1. Collect sample directly into the sample container. Avoid intermediate sampling devices as oil and grease may adhere to them.
2. Try not to overfill as that will deplete the preservative. Fill to allow a little headspace at the top of the bottle.
3. Samples must be placed on ice or refrigerated at 0–6°C/32–43°F immediately after collection and must be on ice upon receipt at the lab. The 0–6°C/32–43°F temperature criteria must be met if samples are received a day or more after collection.

Sampling instructions- Total Suspended Solids

1. Fill liter bottle to the top to ensure adequate volume for analysis.
2. Samples must be placed on ice or refrigerated at 0–6°C/32–43°F immediately after collection and must be on ice upon receipt at the lab. The 0–6°C/32–43°F temperature criteria must be met if samples are received a day or more after collection.

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Shipping instructions

1. Please ship samples **overnight** to arrive to the lab Monday- Friday as soon as possible after sample collection.
2. Wrap samples thoroughly with bubble wrap.
3. Fill cooler with ice and put sample upright in the middle of the ice.
4. Ensure that the cooler is completely full so that the sample won't move around during shipping.
5. Put completed Chain of Custody (COC) form in a Ziplock bag and place on top of ice inside cooler.
6. Ship **overnight to:**

Caltest Analytical Laboratory
Sample Receiving
1885 North Kelly Road
Napa, CA 94558

Note on outside of cooler: "Sample Enclosed, Open Upon Receipt"

Please contact Caltest Client Services with any questions: 707/258-4000 or pmgr@caltestlabs.com

