

TWISS ANALYTICAL LABORATORIES, INC

**DRINKING WATER SAMPLE INFORMATION (WSI)
For SYNTHETIC ORGANIC CHEMICAL ANALYSIS**

**Please check the appropriate analysis and fill out the form completely.
Read the sampling instructions on the back of this form before sampling.**

- € 515.4 Herbicides
- € 525.2 Pesticides
- € 508.1 PCB (included in 525.2)
- € 531.2 Carbamates

Received by:	Date Received:	Lab No.:
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1. System ID#	2. System Name	3. Class A B	4. County
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5. Source Type € SURFACE WATER € WELL/GROUND WATER € WELL FIELD € PURCHASED € SPRING
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6. DOH Source #	7. Treatment Type (check one) € None € Chlorination € Aeration € Fluoridation € Filtration € Other
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8. Date Sampled:	9. Time Sampled: AM/PM	10. Sampled By:	11. Telephone #:
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13. Specific Location Where Sample Taken: (Check one): € Before Treatment € After Treatment € No Treatment
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14. Reason For Sample • New Source € Compliance € Investigative € Other (Please specify)

15. Mailing Address	Billing Address
Name _____	Name _____
Street address _____	Street address _____
City, state, zip _____	City, state, zip _____

Composite Information (Applies to Multiple Sources Only) Use only if you want the lab to composite this sample with other samples from your system. Sign and enclose the Compositing Waiver Form (CWF). Enter the source numbers of the samples to be composited with this sample. 1. _____ 2. _____ 3. _____ 4. _____ 5. _____
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TWISS ANALYTICAL LABORATORIES, INC

Synthetic Organic Chemicals (SOC) For Compliance and/or UCMR List 1

Instructions for Sample Collection

Samples can only be taken and returned to the lab on Mon, Tues or Wed before 2:00pm

Collection Point

Samples must be collected in the proper number, at the appropriate time and location, and of the proper volume in order to satisfy the requirements of the Compliance and UCMR monitoring.

- Groundwater and surface water systems should be representative of the source water following treatment.
- Samples must be collected at entry points to the distribution system (EPTDSs) representing each non-emergency water source in routine use over the 12-month period of monitoring. Generally, samples should be taken at the tap on the pipeline before the treated water is sent to the distribution system. Sometimes sampling taps (faucets) are available in the plant laboratory for the water entering the distribution system.
- Systems that draw water from more than one source and that combine (blended sample) prior to distribution must sample during periods of normal operating conditions.
- Samples must be collected at the same sampling point each cycle, unless conditions make another sampling point more representative.
- If the water system is treating for any organic compounds (i.e. packed tower aeration, granular activated carbon, oxidation, etc.) contact your regional Drinking Water Specialist to locate the proper collection point.

Bottles must NOT be filled near gasoline cans, gasoline powered motors, paint cans, lighter fluid, paint strippers, pesticide bottles or exhaust fumes from running engines. Fumes and vapors may contaminate the samples.

Sample Collection

1. If water taps are to be used for sampling, all aerators, strainers and hose attachments need to be removed. Open the tap and allow the system to flush for about ten minutes or until the water temperature has stabilized. Adjust the flow to about the thickness of a pencil. Collect the sample directly from a tap and not through any plastic or rubber hoses or tubing. Position the container under the tap and collect the sample from the flowing stream.
2. Collect two (2) one-liter bottle(s) at each collection point for method 525.2
The 1L bottles contain dry preservative (sodium sulfite) as a dechlorinating agent. After the bottle is filled, cap and invert to dissolve the sodium sulfite. Next add 5 mls (complete contents) of vial labeled "Caution! Hydrochloric Acid" to reduce the pH to less than 2. Gloves are provided. Cap and return the acid vial to the plastic container and place in the cooler for return.
Collect one (1) 500 ml bottle at each collection point for method 515.1
Collect one (1) 40 ml bottle at each collection point for method 531
3. All samples need to be kept cold. Complete Sample Information form (WSI) and return to the lab within 24 hours.
4. **Samples can only be taken and returned to the lab on Mon, Tues or Wed before 2:00pm**