



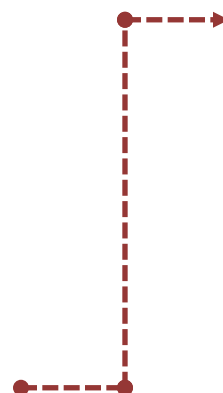
### Total Petroleum Hydrocarbons

### Sampling Guide For The Collection Of Method TX1005 Liquid Samples

#### PRIOR TO COLLECTION

- Plan enough time to complete sampling; samples must be returned within **48 hours** of collection
- Ensure the Sample Kit has the following items:
  - Chain of Custody form
  - 3 sample vials (per sampling site) containing 1:1 Hydrochloric acid preservative
  - barcode labels (if provided)
  - cooler for return shipping

**Caution!** Handle hydrochloric acid with care. If skin contact occurs, flush area with water for five minutes.



#### SAMPLE REJECTION

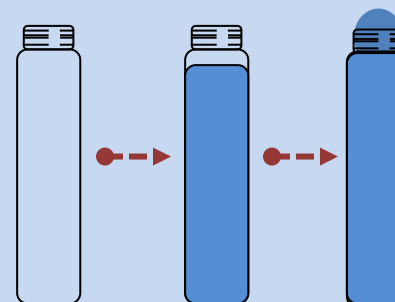
Samples may be rejected (not analyzed) if any of the criteria below are met:

- forms are incomplete, illegible, or missing
- bottle is not labeled to match sampling point
- bottle is not on ice or at proper temperature of  $\leq 4^{\circ}\text{C}$
- sample is frozen
- sample is not received within **48 hours** of collection
- Sample contains excessive headspace
- damaged beyond usability

#### SAMPLE COLLECTION

1. If sampling from a tap allow water to run for five minutes then reduce flow to slow, steady stream.
2. Uncap a sample vial and fill to the neck of the container. Use the vial cap to carefully transfer the remaining sample to the vial until a positive meniscus forms (see figure to the right).
3. Replace the cap and securely fasten. Do not over tighten; this could result in a broken lid or vial.
4. Vertically place bar code label on vial. The barcode must match the Chain of Custody for each sampling site. If bar code is not provided, write sample site address, date, time collected, and sample point on the vial.
5. Repeat steps 3 through 5 for each sample vial.

6. Immediately place all containers in provided cooler and fill with ice. Do not store samples in freezer as they may break
7. Complete the Chain of Custody.
8. If necessary, proceed to next collection site if needed and repeat steps 1-8.
9. See back for "Sample Delivery" details.



### LIQUID SAMPLES

# TPH

## State Environmental Laboratory Services Oklahoma Department of Environmental Quality



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#### SAMPLE DELIVERY

##### MAIL

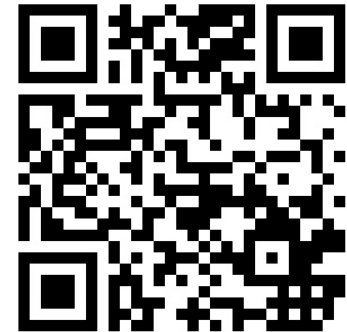
Sign and date each Chain of Custody form before mailing. Place all completed forms in a Ziploc® bag or other waterproof container. Place forms in cooler with your sample(s) and ice. If using a courier, i.e. FedEx, UPS, etc., address your label as the following;

Oklahoma Department of Environmental Quality  
707 N. Robinson  
Oklahoma City, OK 73102

##### PERSONAL DELIVERY

The person delivering samples will sign all Chain of Custody form(s) at the receiving window of the DEQ Sample Management Unit located through the door on the northeast corner of the building. Hours of operation at Monday – Friday 8:00 am to 4:30 pm except on state holidays.

For collection assistance or questions, scan the QR code to the right to view the SELS contact page.



**Need  
Help?**

For questions about the analytical prices and fees, scan the QR code to the right, or visit the SEL's page of the DEQ's website at [www.deq.state.ok.gov](http://www.deq.state.ok.gov)



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For further assistance or concerns, call 1-866-412-3057 or email us at [selsd@deq.ok.gov](mailto:selsd@deq.ok.gov)

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