



## Sampling Instructions for Testing Organics

This pamphlet outlines sample requirements for common organic analyses requested by our clients. Each analysis requires specific sample containers, volumes and handling procedures to ensure accurate results. Appropriate sample containers are available from North Island Labs upon request. If you need more information, please contact us directly.

### BTEX

- Minimum sample volume 3 – 40 mL septum vials with sodium bisulphate preservative.
- Carefully fill vials completely leaving no headspace and cap immediately. Refrigerate or pack on ice until delivery to lab.
- Sample is viable for 14 days.
- **Regular Detection Limit:** variable

### Extractable Petroleum Hydrocarbons (EPHs)

- Minimum sample volume 1L in an amber glass jar with a teflon coated lid.
- Fill jar completely. Refrigerate or pack on ice until delivery to lab.
- Sample is viable for 14 days.
- **Regular Detection Limit:** 100 ug/L

### Halo Acetic Acids (HAAs)

- Minimum sample volume 3 – 40 mL septum vials with ammonium chloride preservative.
- Carefully fill vials completely leaving no headspace and cap immediately. Refrigerate or pack on ice until delivery to lab
- **Regular Detection Limit:** variable

### Mineral Oil & Grease

- Minimum sample volume 1L in an amber glass jar with a teflon coated lid; preserved with 1:1 Sulphuric Acid (available upon request).
- Carefully pour preservative into bottle and fill to top with sample water. Refrigerate or pack on ice until delivery to lab.
- Sample is viable for 28 days.
- **Regular Detection Limit:** 1 mg/L

### Oil & Grease

- Minimum sample volume 1L in a clear glass jar with a teflon coated lid; preserved with 1:1 Sulphuric Acid (available upon request).
- Carefully pour preservative into bottle and fill to top with sample water. Refrigerate or pack on ice until delivery to lab.
- Sample Viable for 28 days.
- **Regular Detection Limit:** 1 mg/L

### Polycyclic Aromatic Hydrocarbons (PAHs):

- Minimum sample volume 1L in an amber glass jar with teflon coated lid.
- Fill jar completely. Refrigerate or pack on ice until delivery to lab.
- Sample is viable for 7 days.
- **Detection Limit:** variable

### Trihalomethanes (THMs)

- Minimum sample volume 3 – 40 mL septum vials with sodium thiosulphate preservative.
- Carefully fill vials completely leaving no headspace and cap immediately. Refrigerate or pack on ice until delivery to lab.
- **Regular Detection Limit:** 0.001 mg/L

### Submitting Samples:

- If you are using our satellite office in Nanaimo, please submit samples **before 11 am** to ensure same day shipment to the lab. Any samples taken after 11am should be submitted directly to our Courtenay lab.
- Samples may be submitted any day Monday to Friday.
- Please submit a requisition form with your samples. It is important that we have documentation to ensure proper sample analysis and result distribution. Forms can be obtained at either office; digital copies are available on our website.
- Please label the sample bottles with your company name, project name, sample site id, and date/time of sample collection.

### Receiving Results:

- Results can be emailed or faxed. An original hardcopy will be mailed with the invoice/statement of account.
- Results can be sent to **one** third party.