



SAMPLE SUBMISSION FOR TOXICTY TESTING

CLIENT INFORMATION		
Client / Company Name		
Address		
Sampling Location		
Sample Type and/or I.D.#		
Collector's Name		
Collection Method (select one)	Grab	Composite
Sample Volume		
Date and Time of Collection		

TEST REQUIRED	
Rainbow Trout – LC50 Multi-concentration (96 hr.)	
Rainbow Trout – 100% single concentration (96 hr.)	
<i>Daphnia magna</i> – LC50 multi-concentration (48 hr.)	
<i>Daphnia magna</i> – 100% single concentration (48 hr.)	
Threespine Stickleback – LC50 multi-concentration (96 hr.)	
Threespine Stickleback – 100% single concentration (96 hr.)	
Rainbow Trout – pH stabilization LC50 multi-concentration (96 hr.)	
Rainbow Trout – pH stabilization 100% single concentration (96 hr.)	
Amphipod – 100% sediment toxicity test (10 day)	
Other:	

NOTE: Completed forms should be emailed to office@harrisindustrial.ca when the sample is sent, and a hard copy attached to the sample container.

REPORT INFORMATION	
Company:	
Contact:	
Email:	
Phone:	

INVOICE INFORMATION	
Company:	
Contact:	
AP Email:	
PO #:	

SAMPLE RELINQUISHED BY	DATE/TIME
LABORATORY USE ONLY	
Lab ID	
Date/Time Received	
Receipt Temperature (°C)	

HARRIS INDUSTRIAL TESTING SERVICES (HITS) – SAMPLE SUBMISSION

TEST TYPE	METHOD	VOLUME REQUIRED	HOLD TIME
Rainbow Trout (single concentration)	EPS 1/RM/13	20 L	5 Days
Rainbow Trout (LC50)	EPS 1/RM/13	40 L	
<i>Daphnia magna</i> (single concentration)	EPS 1/RM/14	1 L	
<i>Daphnia magna</i> (LC50)	EPS 1/RM/14	1 L	
Threespine Stickleback (single concentration)	EPS 1/RM/10	20 L	
Threespine Stickleback (LC50)	EPS 1/RM/10	40 L	
Rainbow Trout – 100% with pH stabilization	EPS 1/RM/50	20 L	
Rainbow Trout – 100% with pH stabilization	EPS 1/RM/59*	40 L	
Rainbow Trout – LC50 with pH stabilization	EPS 1/RM/50	40 L	
Amphipods in Sediment	EPS 1/RM/26 & 35	5-7 L	6 Weeks

*EPS 1/RM/59 (Pulp and Paper Effluents) requires parallel trout test analysis via EPS 1/RM/13 – additional sample volume is required.

SAMPLING PROTOCOL

Toxicity Samples:

Rainbow trout and Threespine stickleback samples should be collected in a 20L bucket(s) with a snap-on lid. *Daphnia magna* samples should be collected in 1L bottles with a securely fastening screw-on lid. Sampling containers must be clean, made of non-toxic material and rinsed with either clean water or sample prior to filling. Buckets may be lined with clean polyethylene bag lines, if reusing buckets. Buckets and liners can be provided upon request.

Please ensure that sample containers have been filled to the top to eliminate head space. All containers must be clearly labelled, securely sealed, and protected from light immediately after sample collection. It is advisable to tape lids after securing them. Labels must include company name, sample name/location and collection date/time. Samples should be submitted as quickly as possible and should be refrigerated until shipment. **Samples that are older than 5 days or frozen are not able to be accepted.**

Sediment Samples:

Collect sediment samples in small clean pails/containers with tight fitting lids with no headspace. Labelling of containers is required. Samples should be kept cooled and in the dark during transport and storage. Reference sediments are encouraged at collection site. **Samples must not freeze, partially freeze or be allowed to dry. Holding time is 6 weeks.**

HITS kindly requests that samples be collected as early as possible in the week to allow for shipping / unintended delays and to notify us of incoming shipments; tracking numbers can be sent to office@harrisindustrial.ca. Tests will not be initiated on weekends unless arranged prior to submission.

SHIPPING ADDRESS

Harris Industrial Testing Service Ltd.
 21 Old Cobequid Road
 Waverley, NS B2R 1P4