



## **Canadian Environmental Technology Verification (ETV) Program Information Bulletin**

**Bulletin Number:** CETV 2014-06-0010

**Subject:** Revisions to the Canadian ETV Program Procedure for Laboratory Testing of Oil-Grit Separators

**Date:** June 10, 2014

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**Approved by:** GLOBE Performance Solutions (GPS), Delivery Agent for the Canadian ETV Program

### **Outline:**

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### **1. Background**

The “*Procedure for Laboratory Testing of Oil-Grit Separators*”, prepared by Toronto and Region Conservation Authority for the Canadian Environmental Technology Verification Program, provides a common procedure for independent testing and verification of the actual performance of treatment devices under controlled conditions. It is anticipated that independent verification of performance data will assist regulatory agencies, permitting authorities and other affected stakeholders in evaluating treatment technology options.

Although the performance testing procedure is not intended to be a compulsory standard, it does represent an effective approach for conducting testing in order to produce verifiable performance data on specific technologies under defined operating conditions. Environment Canada's *Canadian ETV Program* supports the use of this protocol to reduce uncertainty and improve acceptance of independently generated performance data.

It is understood that the ultimate decision to approve, select and implement a particular technology rests with the technology buyer, guided by the requirements of the respective permitting authorities within affected jurisdictions.

Version 1.0 of the Canadian ETV Program Procedure for Laboratory Testing of Oil-Grit Separators was released in September 2013. An updated version, Version 2.0, was released in May 2014. After further review and consideration of comments received since that time, revisions to the procedure have been made to strengthen the procedure and address practical challenges associated with meeting the specified particle size distribution (PSD).

These changes are outlined below under *#2 Modifications to the Procedure for Laboratory Testing of Oil-Grit Separators and Supporting Rationale*.

This Bulletin specifically offers guidance relating to the temperature of water used during laboratory testing.

Any comments or questions regarding this Bulletin or Version 3.0 of the "*Procedure for Laboratory Testing of Oil-Grit Separators*," should be directed to the Canadian ETV Program Delivery Agent (GLOBE Performance Solutions).

## 2. Modifications to the Procedure for Laboratory Testing of Oil-Grit Separators and Supporting Rationale

	Original wording	Modified wording	Rationale for Change
Section 3.2, p. 3	Temperature of the water used in the test shall be maintained between 6 and 19°C	Temperature of the water used in the test shall not exceed 25 degrees Celsius	Although the 6 to 19°C water temperature range is preferred based on the rationale provided in the original revision, the upper temperature limit is not achievable by independent labs operating in warm climates. Eliminating qualified test labs based on this criterion alone could not be justified given the already narrow pool of labs available for testing. Performance results from labs using source water with temperatures less than 6°C would be conservative, and therefore the lower limit was not considered strictly necessary to support the verification.
Section 4.2		The test is run with clean water at temperatures not exceeding 25 degrees Celsius	Same rationale. Added to this section for consistency.
Section 5.2.		Water temperatures shall not exceed 25 degrees Celsius	Same rationale. Added to this section for consistency.

## 3. References

Memorandum regarding “Proposed Revisions to CETV OGS Procedure” from Tim Van Seters of TRCA to GLOBE Performance Solutions, June 6, 2014.