



Stable Weigh™ Total Dissolved Solids Equivalency Checklist for Laboratories

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Introduction

This report lists the requirements for documentation and quality control required by the current 2012 promulgated 40 CFR part 136.6 that a laboratory must have onsite to establish method equivalency for the Stableweigh™ Vessels.

Laboratory Requirements for Equivalency Documentation

This checklist applies to current Environmental Express® Stableweigh™ Vessels

The laboratory check list in Table 1 should be used to provide equivalency documentation for laboratory result users and regulatory auditors. Copies of the report “*Stable Weigh Total Dissolved Solids Method Equivalency Report*” can be obtained from

http://www.envexp.com/products/1-Wet_Chemistry/PW-Solids_Testing/TDSSW-StableWeigh_for_TDS

Initial and ongoing quality control (QC) as required both in 40 CFR part 136.6(b)(2)(i)(A) and 40 CFR part 136.7 is detailed in the method “*Stable Weigh Total Dissolved Solids Method*”. When developing an in-lab Standard Operating Procedure (SOP) care must be taken to not leave out any of the QC requirements in the method as this will not meet the requirements of Method Equivalency as outlined in 40 CFR part 136.6(b)(2)(i)(A).

The laboratory must refer to the current promulgated 40 CFR part 136 for updated equivalency requirements.

Additional information can be obtained at <http://www.envexp.com>

Table1: Laboratory Method Equivalency Checklist	
Item from Reding Memo	Check Off (Yes/No)
1. Have a detailed Standard Operating Procedure (SOP) available. (Guidance provided in Stableweigh™ method)	
2. Performing and document an initial demonstration of capability. (Required in Stableweigh™ method)	
3. Verify the modified method by analyzing and documenting 3-7 representative effluents (QC in the Stableweigh™ method meets this requirement as per 40 CFR part 136.6(b)(2)(i)(A)).	
4. The facility/lab is to show they can get the modified method to work and that it gets comparable results for their effluent. (QC in the Stableweigh™ method meets this requirement as per 40 CFR part 136.6(b)(2)(i)(A))	
5. A demonstration of calibration linearity or use of a calibration curve. (not required in Stableweigh™ method)	Not Required
6. Periodic calibration verification (Not required in Stableweigh™ method)	Not Required
7. An ongoing demonstration of performance (ongoing precision and recovery (OPR) and a blank with each sample batch (Required in Stableweigh™ method)	
8. A demonstration of the method detection limit (MDL) (Not required in Stableweigh™ method)	Not Required
9. Matrix spike and matrix spike duplicate for each discharge the first time that the sample of the discharge is analyzed and at a frequency of 5% thereafter (Required in Stableweigh™ method)	
10. Meeting the quality control (QC) specifications of the method. (See Stableweigh™ method)	
11. Keep on hand the modified method manufacturer's supporting data available for review when the manufacturer has developed the method modification.	