

## Instructions for: **Wisconsin DRO in Soil (Cat # PT-WIDRO-USTS)**

### **SCOPE AND APPLICATION**

Wibby Environmental's UST Wisconsin DRO in Soil Proficiency Testing Standard is designed to be used with Wisconsin DNR Methods. You should be familiar with the method(s) before analyzing the standard. If you have any questions about the use of these standards, please contact Wibby Environmental Customer Service at 303-940-0033.

### **SAMPLE PREPARATION AND ANALYSIS**

1. For best results, the standard should be refrigerated and then brought to room temperature (near 20°C) when used.
2. The WI DRO in Soil standard is packaged in two vials. Each vial contains  $20.0 \pm 0.1$  g of standard.
3. Open one vial and quantitatively transfer the *entire* contents of the vial to your extraction apparatus. Rinse the vial thoroughly with extraction solvent and transfer the solvent to the extraction apparatus.
4. Follow your normal procedures for extraction and analysis of a sample for DRO in Soil.

**NOTE:** A second identical vial containing  $20.0 \pm 0.2$  g of Wisconsin DRO in Soil standard has been provided as a backup in the event you experience problems with the extraction or analysis of the initial vial. Store the second vial at 4°C.

### **REPORTING RESULTS**

1. Report results to three significant figures.
2. For the purposes of reporting results, the percent moisture of the WIDRO in Soil standard is 0% and the sample weight is 20 g (the moisture that may be apparent in the vials is a result from the spiking solvent only). Report all results on a dry weight basis.

3. Report your results on line at [www.wibby.com](http://www.wibby.com). Click on the "Online Data Entry" link or the "PT Manage" link.
4. You may also report your results using the Data Reporting Sheets enclosed with your standards. FAX your results to Wibby Environmental at 866-283-0269 or mail the results to Wibby Environmental, 6390 Joyce Drive, #100, Golden, CO, 80403.
5. Wibby Environmental must receive all results prior to the study closing date shown on the Data Reporting Sheets.

### **SAFETY**

These standards are designed for use by laboratory professionals who are familiar with handling environmental reference materials as well as hazardous materials. If you have any questions about the safe handling of these standards or require a Material Safety Data Sheet (MSDS,) please contact Wibby Environmental at 303-940-0033.

### **QUESTIONS?**

If you have any questions regarding these standards or reporting requirements, please call Wibby Environmental at 303-940-0033.

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## Underground Storage Tank PT Concentration Ranges and PTRLs

### Definitions:

#### **PTRL**

NELAC Proficiency Testing Reporting Limits (PTRLs) are provided as guidance to laboratories analyzing NELAC PT samples. At a minimum, the laboratory should use a method that is sensitive enough to generate quantitative results at the PTRLs shown. (REF: NELAC PT FOT Tables)

#### **NA**

Not Applicable (NA) has been applied to analytes where a PTRL is not applicable and to state specific analytes that have not had a PTRL determined by the applicable accrediting agency.

### Wisconsin DRO in Soil (PT-WIDRO-USTS)

NELAC Code	Analyte	Units	Concentration Range	PTRL
<b>Additional State Specific Analytes</b>				
9369	Diesel range organics (DRO)	mg/kg	200 - 1500	NA