



September 28, 2006

## Office of Water Quality Water-Quality Information Note 2006.15

### **Subject: Field Methods—Sample bottles now available on One-Stop Shopping for Carbon-14, CFC, and SF<sub>6</sub>**

In response to requests for a reliable supply source for the bottles and caps required for the collection of carbon-14 samples to be sent to the National Water Quality laboratory (NWQL) for analysis and for CFC and SF<sub>6</sub> samples to be analyzed by the Reston Chlorofluorocarbon (CFC) Laboratory, the following items are now available for purchase from the National Field Supply Service (NFSS) through the One-Stop Shopping web site (<http://1stop.usgs.gov>). The item numbers and costs (as of 09/2006) are:

#### **Carbon-14 (submitted to the NWQL)**

Q605FLD	BOTTLE, GLASS, CLEAR, 32 OZ., SAFETY COATED, WO/CAP	\$85.43/case of 12
Q607FLD	CAP, OPEN TOP AND SEPTA, 33-400 FOR 32 OZ	\$42.42/pk of 25
Q606FLD	BOTTLE, SAFETY COATED, CLEAR, 250ML, W/SEPTA CAP	\$83.89/case of 24

**NOTE:** Guidelines for the collection and processing of carbon isotope samples, including instructions for determining the required bottle size, can be found in National Water Quality Laboratory Technical Memorandum 96.05 [[http://nwql.usgs.gov/Public/tech\\_memos/nwql.96-05.html](http://nwql.usgs.gov/Public/tech_memos/nwql.96-05.html)]. This memo is in the process of being updated.

#### **CFC (submitted to the Reston CFC Lab)**

Q603FLD	CAP, WHITE, 22MM, CLOSED TOP, FOIL LINED	\$18.71/bag of 100
Q604FLD	BOTTLE, GLASS, 4 OZ., CLEAR, BR, W/TEFLON-LINED CAP*	\$21.58/case of 24

\*The Teflon-lined cap must be replaced with the foil-lined cap for sample collection.

#### **SF<sub>6</sub> (submitted to the Reston CFC Lab)**

Q605FLD	BOTTLE, GLASS, CLEAR, 32 OZ., SAFETY COATED, WO/CAP	\$85.43/case of 12
Q420FLD	CAP, BOTTLE, HDPP, 33MM, POLYSEAL	\$43.95/pk of 100

**NOTE:** Additional information on sampling for CFCs and SF<sub>6</sub> can be found on the CFC Laboratory's web page at <http://water.usgs.gov/lab/>.

Please direct questions to the appropriate laboratory.

This WaQI Note updates WaQI Note 2006.09 [<http://water.usgs.gov/usgs/owq/WaQI/WaQI06.09.pdf>].

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