

TO: ALARACT

THIS ALARACT MESSAGE IS FROM THE PENTAGON TELECOMMUNICATION CENTER ON BEHALF OF HEADQUARTERS, DEPARTMENT OF THE ARMY (HQDA) WASHINGTON DC//DALO-\_\_\_//FOR THE G4.

NARR//FILTER EFFECTIVENESS PROGRAM-MILLIPORE MONITOR USE

REF:

A. AR 710-2 APPENDIX C, 28 MAR 2008, SUPPLY POLICY BELOW THE NATIONAL LEVEL.

B. DA PAM 710-2-1, CH 12, 31 DEC 1997, USING UNIT SUPPLY SYSTEM (MANUAL PROCEDURES).

C. TM 10-6630-223-13&P, 16 FEB 2010, TECHNICAL MANUAL FOR TEST KIT, PETROLEUM 6630-01-558-5109.

1. (U) EFFECTIVE IMMEDIATELY, ALL UNITS WITH MTOE AUTHORIZED MILLIPORE SAMPLING EQUIPMENT, SHALL COMPLY WITH MONTHLY FILTER EFFECTIVENESS (FE) TESTING BY USING THE MILLIPORE KIT VICE SUBMITTING ONE-GALLON SAMPLES TO THE SUPPORTING FUELS LAB. ONE-GALLON SAMPLES ARE AUTHORIZED ON AN EXCEPTION BASIS ONLY IF MILLIPORE EQUIPMENT IS NOT AN AUTHORIZED MTOE ITEM AND/OR THE MILLIPORE SAMPLING DEVICE IS INOPERABLE AND IN THE PROCESS OF BEING REPAIRED/REPLACED.

2. (U) REFERENCE A ESTABLISHES THE REQUIREMENT TO SUBMIT AN FE SAMPLE TO THE LAB EVERY 30 DAYS ON EACH OPERATING FILTER SEPARATOR. FE IS A KEY ELEMENT OF THE ARMY BULK FUEL QUALITY SURVEILLANCE PROGRAM TO ENSURE CLEAN FUEL IS DISPENSED INTO END USE AIRCRAFT, VEHICLES AND OTHER EQUIPMENT.

3. (U) REFERENCE B PROVIDES FE SAMPLING PROCEDURES USING THE PREFERRED SAMPLE METHOD, A MATCHED-WEIGHT MONITOR SAMPLING DEVICE. THIS IS THE MOST EFFICIENT AND COST EFFECTIVE WAY TO PERFORM THE FE WHICH INVOLVES PASSING ONE GALLON OF FUEL THROUGH A MATCHED WEIGHT MONITOR DOWNSTREAM OF THE FILTER SEPARATOR UNDER FLOW CONDITIONS.

4. (U) REFERENCE C PROVIDES INSTRUCTION ON USE OF THE QUICK CONNECT ADAPTER DEVICE TO OBTAIN A MILLIPORE SAMPLE TO MEET FE MONTHLY REQUIREMENTS.

5. (U) ONE-GALLON SAMPLES ARE FAR MORE EXPENSIVE TO PACKAGE AND SHIP THAN MONITORS THEY ARE ALSO MORE LABOR INTENSIVE AND COSTLY TO TEST IN THE LABORATORY AND RESULT IN A SIGNIFICANT VOLUME OF HAZARDOUS WASTE STREAM AT THE LABORATORY. OVERALL COSTS OF ONE-GALLON SAMPLES CAN EXCEED 100%-400% OF COMPARATIVE COSTS OF MILLIPORE SUBMISSIONS TO THE LAB:

5.A. A SINGLE MILLIPORE MONITOR COSTS APPROXIMATELY \$7.35 WHILE A ONE-GALLON SAMPLE CAN COSTS \$31.00 - \$38.00.

5.B. SHIPPING A SINGLE MONITOR THROUGH STANDARD COMMERCIAL; E.G., FEDERAL EXPRESS (FEDEX), GROUND TRANSPORT (IN-TRANSIT TIME 3 TO 5 DAYS) COSTS \$8.50 - \$10.50; A ONE-GALLON CAN COSTS \$15.00 - \$45.00.

5.C. SHIPPING A MONITOR THROUGH COMMERCIAL OVERNIGHT/NEXT DAY/2ND DAY AIR RUNS \$20.00 – \$55.00, A ONE-GALLON CAN COSTS \$50.00 – \$110.00.

5.D. SHIPPING A MONITOR IN A UNITED STATES POSTAL SERVICE (USPS) BUBBLE-LITE ENVELOP OR PRIORITY MAIL BOX COSTS \$1.50 – \$4.95. ONE-GALLON CANS CANNOT BE SHIPPED THROUGH USPS.

5.E. MULTIPLE MILLIPORE MONITORS CAN BE SHIPPED IN THE SAME PACKAGING FURTHER REDUCING THE OVERALL COST PER SAMPLE.

5.F. UNIT LEVEL ATTENTION TO MANAGING SAMPLE SUBMISSION CYCLES ALSO ALLOWS FOR COST SAVINGS BY REDUCING THE NEED FOR NEXT DAY OR AIR SHIPMENT TO A SUPPORTING LABORATORY TO MEET THE 30 DAY TESTING REQUIREMENT.

6. (U) THE ARMY PETROLEUM CENTER (APC) IS TASKED TO ESTABLISH AND MONITOR ARMY QUALITY SURVEILLANCE REQUIREMENTS. THE APC WILL MONITOR COMPLIANCE TO THIS POLICY LETTER VIA OVERSIGHT OF ARMY BASE LEVEL AND TACTICAL LABORATORY OPERATIONS. POINT OF CONTACT AT HQDA DCS G-4 IS MR. BILL CARICO, [BILL.CARICO@US.ARMY.MIL](mailto:BILL.CARICO@US.ARMY.MIL), 703-614-0873. POINT OF CONTACT AT APC IS MR. DAVE CORBIN, [DAVE.CORBIN@US.ARMY.MIL](mailto:DAVE.CORBIN@US.ARMY.MIL), 703-767-0649.

7. (U) EXPRATATION DATE IS 1 JUNE 2021.