Conservation Measurement Tool (CMT) Inventory Questions FY 2012-1

Applicant _____ **Date**_____

QUESTION #	GENERAL	RESPONSE
1	Do you have any water bodies (ponds, lakes, or wetlands) or water courses (streams, rivers or ditches) on the indicted land use? Such as cropland, pastureland, or rangeland.	
	Cropland	
	Pastureland	
	Range	
2	Do you have unpaved farm roads used by farm vehicles (does not include unpaved county roads or other unpaved public roads) or other unpaved areas such as feedlots or material handling areas that frequently result in significant dust generation, reducing visibility along the road or over the unpaved area for extended periods? If yes, check any of the following methods you regularly use to control dust.	
	Regularly spraying water to reduce the dust	
	Apply biodegradable oils to reduce the dust	
	Gravel surfacing	
	Apply other environmentally benign dust control chemicals	
	None of the above	
3	Identify each energy conservation reduction method used on your farm:	
	Have you replaced electric motors or engines on your farm with high efficiency models in the last 3 years? A “yes” answer considers the following: • The motors should be labeled as "premium", which means they are more efficient than the current DOE standard. • Considers only electric motors that are used for major activities on the farm such as pumps to move water or waste, ventilation fans, etc. • Refer to the ANSI/ASABE S612 Performing On-Farm Energy Audits for a list of “major activities”.	
	Do you use alternative energy sources (solar, wind, biofuels, green energy) to replace fossil fuel energy uses on your farm? A “yes” answer considers the following examples: • Wind or solar powered pumps • Solar powered electric fencing • Any biofuel blend	
	Have you improved the efficiency of heating, cooling or drying operations on your farm in the last 3 years? A “yes” answer considers the following: • Evaluation is conducted on how energy efficient a particular grain drying system is rather than a comparison of one system versus another. • Refer to the decision tree to determine if an applicant has an energy efficient grain drying system.	
	Have you conducted an energy audit on your farm and are now implementing the energy audit actions? A “yes” answer considers the energy audit complies with ANSI/ASABE S612 Performing On-Farm Energy Audits.	
	Have you performed a pumping plant evaluation during the last 3 years and implemented the recommendations? A “yes” answer considers the following: High efficiency pumping plants installed within last 3 years or recognized through pumping plant evaluation, include those using solar or other renewable energy sources. Pumping plants should include: • a Tier III or Tier IV diesel motor, • using a variable frequency drive and/or • have had a pumping plant evaluation and implemented its recommendations in the last 3 years.	