Attachment D
Energy Efficiency & Conservation Strategy for Units of Local Governments & Indian Tribes

As detailed in Part 1 of this announcement, all applicants must submit an Energy Efficiency and Conservation Strategy (EECS). Units of local government and Indian tribes have the option of submitting the EECS no later than 120 days after the effective date of the award or at the time of application. Units of local government and Indian tribes who chose to submit the EECS at the time of application shall use the format contained in Attachment D. This form should be saved in a file named "UIC-Strategy.pdf" and click on "Add Optional Other Attachment" to attach.

Grantee: Kent, County of Date: (mm/dd/yyyy) 06/22/2009

DUNS #: 12237756 Program Contact Email: hans.medlarz@co.kent.de.us

1. Describe your government's proposed Energy Efficiency and Conservation Strategy. Provide a concise summary of your measureable goals and objectives, which should be aligned with the defined purposes and eligible activities of the EECBG Program. These goals and objectives should be comprehensive and maximize benefits community-wide. Provide a schedule or timetable for major milestones. If your government has an existing energy, climate, or other related strategy please describe how these strategies relate to each other.

Kent County plans to use EECBG funds to 1) conduct and implement energy conservation measures prescribed following an energy audit of its three main facilities (utilizing an energy consultant selected following a RFP process) and 2) to implement a geothermal HVAC system utilizing the wastewater thermal properties and serving the two administration buildings located at the Kent County Regional Wastewater Treatment Facility (KCRWTF). These projects align with the eligible activity, Energy Efficiency Retrofits.

The projects have the goal to improve existing buildings and facilities to lower the county's energy costs and reduce emissions.

An objective of these projects is to reduce energy consumption by 8% (900,000 kWh's), GHG emissions by 650 metric tonnes (through reduced electrical usage) and save $75,000 per year (approximately 1 month electric cost at the KCRWTF). The energy audits will identify the energy improvements and operational changes recommended for all county owned buildings. The county will benchmark energy usage in county facilities before improvements are made using the EPA's Energy Star Portfolio Manager tool and use this to determine payback periods for all energy conservation projects. Benchmarking will be completed by December 31, 2009.

The Environmental Program Manager will incorporate the results of the audits into the County's certified Environmental Health and Safety Management System (EHS-MS) and report and publicize the results to the public. The first report will be made available by December 31, 2009.

2. Describe your government's proposed implementation plan for the use of EECBG Program funds to assist you in achieving the goals and objectives outlined in the strategy describe in question #1. Your description should include a summary of the activities submitted on your activity worksheets, and how each activity supports one or more of your strategy's goals/objectives.

Under the eligible activity, Energy Efficiency Retrofits, the energy audits will serve as the implementation plan. The EECBG program funds will be used to cover the costs of the audits, and subsequent capital improvements will be covered under the County's annual budget process. The audits will be undertaken with the goal of assisting the County in meeting its electric usage reduction, GHG emission reduction and cost savings goals as detailed in Item No. 1.

The second activity under the program, the geothermal HVAC replacement at the KCRWTF will directly result in significant electric usage reduction, GHG emission reduction and utility cost savings.

Besides potentially reducing energy costs, the improvements outlined in the audits and the geothermal HVAC replacements will likely enhance facility occupant comfort; reduce deferred maintenance; decrease the need for capital dollars; replace banned refrigerants with environmentally friendly coolants; and lower the number of hot and cold service calls to these facilities.

3. Describe how your government is taking into account the proposed implementation plans and activities for use of funds by adjacent units of local government that are grant recipients under the Program (response not mandatory for Indian Tribes).

Kent County receives electric service from a number of utilities including the City of Dover, and the Delaware Electric Cooperative. Kent County will share the results of the audits with these utilities and coordinate its activities with the City of Dover who will be receiving EECBG funding in order to conduct audits of its pump stations located within these communities.

4. Describe how your government will coordinate and share information with the state in which you are located regarding activities carried out with grant funds to maximize energy efficiency and conservation benefits (response not mandatory for Indian Tribes).

The energy audit findings will be offered to the Delaware Energy Office (DEO) for inclusion in their database and work with the DEO to share this information with other counties and wastewater facilities within the state.

5. Describe how this plan has been designed to ensure that it sustains benefits beyond the EECBG funding period.

Energy reductions and cost savings associated with ECMs identified as a result of the energy audits and those associated with the geothermal HVAC project will sustain over the lifetime of the installed equipment, and with the added assurance of Kent County's regular maintenance and operations schedule and plan to ensure that all equipment perform optimally. As a part of the annual EHS-MS review, the environmental Program Manager will track, measure and verify savings through the Portfolio Manager program, which will provide a solid managerial platform for future energy efficiency initiatives as the county continues to grow.

The progress will also be included as a part of the County's EHS-MS annual reporting and included in the County's Pretreatment Annual Report to the US EPA's Region III office. Both of these reports will be made available for review via the County's website.

6. The President has made it clear that every taxpayer dollar spent on our economic recovery must be subject to unprecedented levels of transparency and accountability. Describe the auditing or monitoring procedures currently in place or that will be in place (by what date), to ensure funds are used for authorized purposes and every step is taken to prevent instances of fraud, waste, error, and abuse.

Kent County has established an EHS-MS page on its website that presents the key elements of the EHS-MS and various reports. The activity reports will be included as a part of this page. In addition, the County Public Works Director will report progress to the County Commissioners at regular intervals during Public Work Committee meetings which are open to public participation.

The County has a recognized financial management system that requires annual auditing. The activities under this grant will be included within these audits.