EXECUTIVE SUMMARY

This Application is for the renewal of a Mercury Recovery Permit. As of the date of this renewal application the facility does not possess a mercury recovery system. The facility wishes to renew that permit so that it retains its status if and when business factors warrant reentry into the market as a mercury recovery facility. Retaining the permit is integral to the company's overall service of recycling mercury from lamps, devices, and other materials containing mercury. Non-specific materials such as manufactured items, debris, and aqueous material should be covered in this document. All regulated activities, therefore, would be covered under this permit. AERC acknowledges that it would need prior approval to reinstall equipment associated with a mercury recovery operation.

The purpose of the Recovery Permit Application is to renew the Mercury Recovery Permit and to demonstrate that the company meets or exceeds the permitting requirements of the Florida Department of Environmental Protection (FDEP), pursuant to Florida Statutes 403.7186 and Rule 62-737 F.A.C., for the Management of Spent Mercury-Containing Lamps and Devices Destined for Recycling.

AERC Acquisition Corporation (formerly AERC.com) began operating a mercury lighting recycling facility at its present location in West Melbourne, FL in November 1993. As a result of the state regulations for mercury recycling facilities, AERC.com, Inc. operated under "Interim Status" until the appropriate Recovery and Reclamation Permits are issued. On December 30, 1996, a Mercury Recovery and Reclamation Permit, Operation Permit Number HOO5-275169, was issued to AERC. The most recent permit renewal was issued February 23, 2017, under Number 0072959-HO-006. At this time activities include:

Activities- The facility primarily serves as a 10-day transfer facility for hazardous wastes that are destined to a permitted TSD facility. AERC is large quantity Universal Waste Handler, a Universal Waste Transporter as well as a Florida licensed Hazardous Waste Transporter.

Additional Activities- Accepts Fluorescent and High Intensity Discharge lamps for storage prior to transfer to a 3rd party facility for processing, recovery of lamp components for resale, removal of mercury-containing phosphor powders and ampoules. AERC also accepts mercury containing devices (MCDs) which are accumulated and then shipped off-site to a TSD / reclamation facility for further processing. Mercury from other sources (e.g. soils, carbons. contaminated solid materials, etc.) is accepted by the facility for accumulation and shipment off-site to a TSD / reclamation facility. AERC accepts batteries and PCB and non-PCB lighting ballasts for sorting and shipment to other recycling facilities, as well as, the acceptance of electronic scrap for demanufacturing or remanufacturing for shipment back to market for reuse or recycling.

AERC was established in Pennsylvania in 1990 and in Florida in 1993 to address a nationwide need for more environmentally sound recycling technologies for certain "characteristic" and metals-bearing wastes. AERC recycles many waste materials containing mercury and other metals, as well as, recycling mercury-containing lamps.

AERC has a customer base of environmentally conscious Fortune 500 companies, educational institutions, government facilities, hospitals, laboratories, small businesses, and private citizens. We also offer a service to environmental and hazardous wastes management and transportation firms which provide other sources of recyclable raw materials and hazardous wastes for the development and operation of AERC's recycling technologies.