

# Environmental Compliance



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Commodore Advanced Sciences, Inc. (CASI), a wholly owned subsidiary of Commodore Applied Technologies, Inc., is a nationwide firm specializing in environmental services, technical support, and waste management services.

CASI provides environmental sampling support for the Department of Energy's Oak Ridge Reservation (DOE-ORR). As part of this effort, CASI specifically provides surface water sampling support to the East Tennessee Technology Park (ETTP) in the areas of:

- National Pollution Discharge Elimination System (NPDES);
- Storm Water Pollution Prevention Program (SWPPP) Plan which was developed and is maintained as required by NPDES Permit;
- Environmental Monitoring Program (EMP).

The NPDES Permit regulates the discharge of storm water runoff, groundwater infiltration, groundwater from sumps, non-contact cooling water and steam condensate from ETTP to various locations. The SWPPP Plan objective is to minimize the discharge of pollutants in storm water runoff from ETTP by assessing the quality of storm water discharges, determining potential sources of pollutants affecting storm water, and providing effective controls to reduce or eliminate these pollutant sources. The EMP includes environmental surveillance, which is conducted at various locations in order to assess the impacts, if any, of plant operations on the environment, assess the efficacy of pollution prevention measures and remedial actions, and compliance with the requirements of DOE Order 450.1 and 5400.5.

To support an effort of this magnitude, CASI sampling personnel are well trained in all areas of sample collection including equipment programming of monitoring instruments. CASI uses ISCO™ equipment in the field to collect samples at specific timed and/or flow paced intervals and flow studies.