

## EPA Region III Environmental Science Center Fort Meade, Maryland



The Environmental Science Center houses the Region III Office of Analytical Services and Quality Assurance (OASQA) and the Office of Prevention, Pesticides and Toxic Substances' (OPPTS) Analytical Chemistry and Microbiology Laboratories.

Bell provided general construction services for the 140,000-square-foot complex, which holds laboratories, offices, conference rooms, a library, data center and storage rooms. The two-story facility also includes a laboratory portion divided into 70 work areas dedicated to organic and inorganic chemistry, biology, microbiology, and other scientific activities.

The basement houses central plant equipment comprised of three 750-ton chillers, three 500,000-btu packaged boilers and one 1,250-kw generator. Penthouses contain air handling units, duct, and piping distribution.

The facility was constructed with concrete containing recycled incinerator residue (fly ash) and recycled asphalt was used for parking and roadway surfaces. A substantial amount of lab cabinetry is made of wood from a sustainable forest, which cost less than comparable metal casework and is a renewable resource. In addition, native plants were planted or maintained on the 24-acre site, reducing irrigation and pesticide requirements. Efforts were made to save as many trees as possible and to integrate natural landscaping to minimize areas of mowing.

*Client ..... U.S.  
Environmental  
Protection Agency*

*Owner ..... U.S.  
Environmental  
Protection Agency*

*Contract Value ..... \$36.9 million*

*Contract Type..... Firm Fixed Price*

*Architect/Engineer..... Kling Lindquist  
Partnership*