



The Tank-automotive and Armaments Command's (TACOM) Army Petroleum Center has a big mission that must never fail!

The US Army Petroleum Center (APC) provides the Army with technical assistance and support relative to petroleum requirements in both tactical and base support missions. The APC serves as an interface between the Department of Defense's (DoD) energy experts – the Defense Energy Support Center (DESC), Joint Petroleum Offices, Army G-4, Major Army Commands (MACOMs), and other Service Control Points in the Air Force and Navy on various petroleum-related issues.

The APC has transitioned to two locations---New Cumberland, PA and Ft. Belvoir, VA. When fully staffed, the APC will employ 34 civilian and 5 military personnel. The Facilities and Operations Division is located at Ft. Belvoir, along with the Director, COL Mel Frazier. Two mission divisions (i.e., the Product Assurance Division (laboratory) and the Logistics Readiness Division), along with the Deputy Director (Mr. Chuck Coan) and the Systems and Resources Office, are located at New Cumberland.

The Facilities and Operations Division performs several major missions:

It manages the fuels Military Construction (MILCON) Program and the Maintenance, Repair, and Environmental (MRE) Program for Army fuel facilities worldwide. Funding for maintenance, repair, minor construction projects, and environmental costs at eligible fuel facilities is a key program, resulting annually in over \$20M to support Army fuel facilities. Engineering design assistance is also available for petroleum facilities requiring modification, upgrade, and new construction.



This division further manages the Total Fuel Facility Assessment (TFFA) Program, which entails the evaluation of petroleum operations with an in-depth study with cost reduction and improved performance objectives guiding the review. Our recommendations in the past have resulted in millions in savings, with the added benefit of enhanced petroleum operations, minimized environmental risk, and reduced costs to the installation.

This division also manages the Army's fuel requirements and determination process for deliberate and crisis planning and supportability, coordinating with logistics planners worldwide to assure mission goals and objectives in theater support are met. This allows a unique standardization methodology in deriving accurate sustainment requirements and meeting integrated Joint and Army initiatives.

The division's staff chemist provides product quality surveillance technical support to customers, including product waivers and disposition instructions. Other functions include coordination and participation on development of product specifications and standards with TARDEC, DESC, and other organizations and representation of Army on quality policy review boards and issues of joint interest.

The Product Assurance Division performs the following main missions:



This Division is the Army's primary operational petroleum testing facility. The fuel used by Army units, whether for ground vehicles or aircraft, is a significant indicator of combat readiness. Our lab tests thousands of petroleum samples a year, supporting the Army and

DESC quality surveillance programs. It's no "accident" that hundreds of Army aircraft fly daily with confidence using products tested by our lab. Coal testing for DoD is another critical element of the laboratory's mission.

The Logistics Readiness Division also performs several missions:

One of the primary missions of this division is to provide technical assistance for both installation and tactical POL units. Petroleum advisors from the Center are dispatched world-wide to review petroleum management and operational procedures. They provide guidance in

environmental management, safety, quality, accountability, equipment, and storage requirements for Army units and installations.

This division is also actively involved in exploring the use of alternative fuels. To accomplish this, we partner with the DESC, the Department of the Army (DA), and other agencies to develop the necessary fuels, fleets, and infrastructure that are appropriate for various Army customer locations. We can provide insight on local market availability of various alternative fuels, funding support, and the technical assistance necessary to modify or build alternative fuel infrastructure where and when it makes sense.

As the Army's Service Control Point, the APC is concerned with the performance of contracts to its customers. That is why we review and validate requirements before they are submitted to the DESC for negotiation. This division serves as the Army's representative agent, insuring the customer is furnished the product requested, when, and where their fuel support is needed.



This division also manages the Army's fuel credit cards and provides guidance and assistance to Army customers as it relates to packaged petroleum products.

The APC's support capabilities are expanding as we assume the role of the Army's Center of Excellence for Liquid Logistics. Our vision in FY04 / 05 is to explore and refine our support to meet future force requirements. As our motto states: ***"Fueling Freedom's Finest"*** is our duty and honor.

Fueling Freedom's Finest