



Pennsylvania NAS JRB Willow Grove

Facility and Location

The mission of Naval Air Station Joint Reserve Base (NAS JRB) Willow Grove was to provide, train, and maintain a ready reserve force. In 1994, the base was re-designated a JRB to more accurately reflect its status. The Navy, Marine Corps, Army, Air Force, and Pennsylvania National Guard reside here. The base is in Horsham Township, Montgomery County, approximately 20 miles north of Philadelphia.

NAS JRB Willow Grove supports a variety of reserve component units of each of the services. The primary Navy operational tenant of NAS JRB Willow Grove is patrol squadron VP-66. Other tenants at the base include the Air National Guard, Air Force Reserve, and one Marine Corps helicopter squadron. Because the Naval Reservists now train with the latest warfare technologies, they are tasked with missions and operate in direct support of their active duty fleet counterparts to meet any national contingency. As of August 2004, NAS JRB Willow Grove was one of only five locations in DoD to operate the Standard Terminal Automation Replacement System (STARS) radar. The STARS radar allows the base to simulate air traffic for training purposes. With built-in software, the digital STARS radar allows controllers the ability to simulate any number of inbound and outbound air traffic. The target simulators perform with the same type of climb, descent, and turn rates with approach speeds of the actual type of aircraft it is simulating. This simulator has the ability to run a 200 aircraft training scenario with any type of military or civilian aircraft. The Installation Restoration Program has found no evidence of any activity present or past that included munitions that used perchlorate.

Media Sampled and Findings

Drinking Water — In 2010, one sample detected perchlorate at 0.41 ppb. In 2009, two of two samples detected perchlorate at 0.39 and 0.45 ppb. In 2007, three of three samples detected perchlorate at 0.39 and 0.45 ppb.

Appropriate Actions

Not Applicable. All samples were below the EPA and DoD Preliminary Remediation Goal of 15 ppb.