



FACT SHEET – FORMER PITMAN, NEW JERSEY NATIONAL GUARD ARMORY

DESCRIPTION: The former New Jersey Army National Guard Pitman Armory is located at 5 Delsea Drive & Columbia Avenue, Borough of Pitman, Gloucester County, New Jersey, Block 166, Lot 1, Congressional District NJ-02, and encompasses approximately seven acres. The former Pitman Armory land was acquired from the Borough in 1949 and two buildings were constructed. The property was used to provide New Jersey Army National Guard support and training through 1994. The property was transferred to the Borough of Pitman on June 19, 2007. The two vacant one-story buildings remain: The Armory Building (former offices) and the Motor Vehicle Storage Building. A total of 24 areas of environmental concern (AOCs) were identified; investigations have been completed for the entire site. Five AOCs that require remediation have been identified.

AUTHORIZATION: The former Pitman Armory is being investigated under the Army National Guard Compliance and Cleanup program.



Boundary Map of the former Pitman Armory Property

PREVIOUS INVESTIGATIONS/SITE WORK: A Preliminary Assessment Report (PAR) was completed in 2016. The New Jersey Army National Guard completed the removal of four underground storage tanks (UST): two contained fuel oil and two contained gasoline (i.e., one leaded and one unleaded gasoline UST). Sampling and analysis of soil and groundwater have been initiated or completed at most AOCs. Groundwater pumping and treatment was conducted from 1996 to 1999. In-situ chemical treatment of groundwater was conducted in 2010. Currently, the only constituent remaining in groundwater is tetrachloroethylene (PCE). Constituents in soil include polycyclic aromatic hydrocarbons (PAHs), metals (lead, antimony, chromium), and polychlorinated biphenyls (PCBs) near a possible former electrical transformer. Select PAHs are also present in stream sediments at concentrations exceeding the NJDEP ecological screening criteria. A classification exception area (CEA) application for groundwater was filed in 2013. A Remedial Action Permit (RAP) for monitored natural attenuation of groundwater was issued by the New Jersey Department of Environmental Protection (NJDEP) in 2016 (revised in 2018). In accordance with the RAP, annual groundwater monitoring for PCE is conducted with required biennial reports submitted to NJDEP. A boundary and topographic survey, and wetlands delineation for a Letter of Interpretation (LOI) were initiated in 2020 and are underway. Monitoring wetlands restoration activities required as a result of disturbances during the investigations are ongoing with the first annual report submitted in 2021. To date, no off-site environmental impacts have been identified related to the former Pitman Armory. The environmental investigations and submittals to the NJDEP are being conducted under the New Jersey Licensed Site Remediation Professional (LSRP) program.

STATUS/SCHEDULE (AS OF APRIL 2021):

Funded work in Fiscal Year 2021 includes the following:

- Site-Wide Remedial Investigation Report.
- Annual Report for Wetlands Permit (GP4) for intrusive activities in AOCs 2, 4 and 11 submitted February 18, 2021.
- Letter of Interpretation of Wetlands in anticipation of remediation of onsite Mantua Creek.
- Topographic area and boundary survey.
- Self-Implementing Cleanup Plan for PCBs (requires EPA approval)

PROJECT COST:

Federal Cost (to-date): \$ 575,000

CONTACTS:

Kinjal C. Shah, U.S. Army Corps of Engineers
Project Manager, New York District
917-790-8233
Kinjal.C.Shah@usace.army.mil

Charles Appleby, U. S. Army National Guard
Chief, Environmental Management Branch
609-530-7135
Charles.Appleby@dmava.nj.gov

Current as of April 2021