

Fact Sheet: Former Lockheed Martin Facility

East Windsor Township, New Jersey

September 2015

ISRA Case No. E86488

Background

The Former Lockheed Martin Facility (the Facility), located at 50 Millstone Road in East Windsor Township, New Jersey is made up of two parcels. Approximately 116 acres (Block 2, Lots 1.02 and 2.02) are north of Route 535 and approximately 11 acres (Block 5, Lot 3) are south of Route 535.

The Facility operated between 1957 and 1998, and was used to research, develop, manufacture and test satellites, and to conduct associated projects. Lockheed Martin sold both parcels in 1998. The smaller parcel was sold to BlackLight Power, and the larger parcel was sold to Windsor Limited Partnership of NJ, who later subdivided the lot and sold the developed portion of the property to Windsor Acquisitions, LLC in 2006. Raith Capital, LLC, later acquired the developed portion of the property. Currently, all properties are either used for office space, on-site laboratories, or are undeveloped.

The New Jersey Department of Environmental Protection (NJDEP) established this site as a case file in 1989 due to the discovery of site-related contaminants in groundwater during the removal of on-site underground storage tanks. Investigation into the extent of groundwater impacts began in 1989. Ongoing groundwater monitoring to evaluate the concentrations of the site-related constituents with respect to NJDEP standards has been conducted since that time. All soil cleanups that were necessary have been completed and approved by NJDEP.

Lockheed Martin and its contractors began evaluating the groundwater with respect to cleanup options during the 1990s, and, over time, have implemented several technologies to remediate site-related constituents, which have been observed in site groundwater above NJDEP Ground Water Quality Standards (GWQS). These site-related constituents include chlorinated volatile organic compounds

(CVOCs), which are commonly used industrial solvents, refrigerant, degreasers and aerosol propellant. Common natural breakdown products of the CVOCs were also detected.

While each of the site-related constituents has been identified in groundwater on the site, exceedances of the constituents' respective NJ GWQS typically have been sporadic and localized, except for trichloroethylene (TCE). TCE continues to be the primary constituent of concern at this site. During the spring of 2015, a Supplemental Remedial Investigation was conducted including installation of six monitoring wells to complete the vertical delineation of groundwater impacts. Though concentrations of TCE have been identified off-site, the level of TCE in groundwater does not pose an unacceptable risk as no opportunities for exposure exist. Vapor intrusion is not an issue based on previous investigation and the depth at which TCE is present. No water supply wells are at risk of being impacted.

Under the proper environmental conditions, CVOCs degrade naturally (and eventually will no longer pose any environmental concern). Both in-ground and above-ground remedial technologies have been applied at the facility to enhance the natural degradation process of these constituents or to remove them from the groundwater. These technologies, which have been implemented under the direction and guidance of NJDEP, included biological breakdown, in-well air sparging and groundwater extraction and treatment. In 2013 and 2014 post-remedial monitoring of the subsurface at the site and off-site areas was performed. The sample results confirmed that natural degradation of the CVOCs was occurring and the subsurface environment continues to be suitable for the degradation of TCE.

studies, results and conclusions in accordance with NJDEP regulations and requirements.

Additional Information

To learn more about the chemical TCE, visit the Agency for Toxic Substance and Disease Registry (ATSDR) website: www.atsdr.cdc.gov; click on “Toxic Substances” and then “ToxFAQs”.

Contacts

If you have questions regarding the site, please contact:

David J. Russell, P.E., BCEE, LSRP
 Licensed Site Remediation Professional AECOM
 510 Carnegie Center
 Princeton, NJ 08540
 609.720.2066 - office
 267.784.7708 - cell
 Email: david.russell@aecom.com

Gary Cambre, Communications Sr. Manager
 Lockheed Martin Corporation
 1195 Sarasota Center Blvd.
 Sarasota, FL 34240
 941-554-3862 – office
 941-228-3135 – cell
 Email: gary.cambre@lmco.com



Boundaries of Former Lockheed Martin Facility in East Windsor, NJ

Next Steps

A Remedial Investigation Report has been submitted to the NJDEP detailing activities and results of groundwater investigations completed to date. The report also provides recommendations for continuation of groundwater monitoring.

A Groundwater Classification Exception Area (CEA) application has been submitted to the NJDEP. The CEA notifies the public of existing groundwater contamination and allows the NJDEP to place a restriction on installation of wells within the CEA.

The groundwater samples will continue to be collected on a quarterly basis for the near term, to confirm that site-related constituents are continuing to degrade. In the coming months and years, Lockheed Martin will proceed with technical and administrative efforts to remediate site-related groundwater contamination and close the site. Lockheed Martin will document and publish all