

Fact Sheet

Utica, NY

Former Lockheed Martin French Road Facility

January 2018



In the early 1950s, General Electric Corporation acquired a 55-acre site on French Road in Utica, NY, where it built an approximately 500,000 square-foot plant for the manufacture, assembly and testing of electrical components for the aerospace industry. Martin Marietta acquired the facility in 1993. In 1996, following the merger with Lockheed Corporation, Lockheed Martin closed the site and sold the property. The property was subsequently occupied by ConMed Corporation (ConMed), a medical supplies manufacturer, which currently owns and operates the site. Lockheed Martin retains responsibility for the environmental cleanup of conditions that existed prior to its sale of the property.

Releases of hazardous materials have impacted two areas of the facility known as the Solvent Dock Area and the West Lot. Both areas are subject to Consent Orders administered by the New York State Department of Environmental Conservation (NYSDEC). A site map of the French Road facility is included in this summary on page 4.

Solvent Dock Area

The Solvent Dock Area is at the east end of the French Road facility. An underground storage tank located at the northeast end of the main facility building within the Solvent Dock Area was used to store waste solvents. The tank was removed in 1990 and is the likely source of



Pump Controls inside the Groundwater Collection and Treatment System (GCTS) Facility



Groundwater Collection and Treatment System Facility

impacts to some of the groundwater in that location. The Solvent Dock Area also includes an area surrounding a former drainage ditch at the north end of the facility known as the Former Northern Perimeter Ditch (FNPD). Earlier testing detected volatile organic compounds (VOCs) in surface water in the drainage ditch.

Environmental investigations at the Solvent Dock Area began in 1991 and identified chlorinated VOCs in groundwater consisting mainly of 1,1-dichloroethane, cis-1,2-dichloroethene (cis-1,2-DCE), tetrachloroethene, trichloroethene (TCE) and vinyl chloride. Results indicated that VOCs in groundwater had migrated into the northern drainage ditch and the storm sewer beneath the main facility building. In response, the ditch was filled and replaced with a below-ground storm sewer in 1996. Concurrently, a groundwater collection and treatment system (GCTS) was installed and began operating as a corrective measure. The GCTS draws down the water table to depths below the storm drain system through a series of trenches. The depressed water table prevents impacted groundwater from migrating off-site through the storm water system. Collected groundwater from the GCTS is treated and discharged to the municipal storm sewer in accordance with a State Pollutant Discharge Elimination Permit administered by NYSDEC.

Sampling of sub-slab soil gas and indoor air at the main facility building beginning in 2006 indicated the presence of TCE in both soil gas and indoor air. Consequently, a sub-slab depressurization system (SSDS) was installed at the northeast end of the building that began continuous operation in 2008. The SSDS draws vapor from the soil, thereby creating negative relative pressure below the floor slab and mitigating potential vapor intrusion into the building.

In conjunction with the Solvent Dock Area's 2008 Consent Order, NYSDEC directed Lockheed Martin to conduct additional investigations and identify corrective actions as necessary. As a result of its investigations, the corporation prepared a Corrective Measures Study in 2009 that recommended upgrades to the SSDS and GCTS. Recommended upgrades to the SSDS included installation of additional soil vapor extraction points with modified system components to expand the sub-slab vapor capture area beneath the main facility building. For the GCTS, installation of an additional collection trench to expand the area of groundwater drawdown near the northeast corner of the main facility building was proposed. Recommendations were approved in 2010 and completed in 2011. Operation of the upgraded system is ongoing.

Lockheed Martin also performed a number of investigations to supplement the 2009 Corrective Measures Study, mainly at the FNPD. In response to the results of these investigations, NYSDEC prepared a Statement of Basis in 2015 requiring the removal of impacted soil from the FNPD and three surface soil locations at other areas of the facility. One of these areas was in the West Lot. Soil from the FNPD is targeted for removal due to VOCs in excess of applicable criteria. Surface soils will be removed from other locations due to detected levels of polychlorinated biphenyls. A preliminary design for soil removal was completed in 2017 and final design and implementation is scheduled for 2018. Additional corrective measures required by NYSDEC for site closure include continued operation of the GCTS and SSDS, maintenance of a cover system to prevent exposure to underlying soil, implementation of institutional controls through an environmental easement that will restrict certain uses of the site, and implementation of a Site Management Plan. A draft Site Management Plan has been prepared and its completion is anticipated following soil removal.

West Lot

The West Lot is located at the west end of the facility. It comprises approximately 30 acres and, except for a parking lot, is undeveloped. The West Lot Site encompasses approximately two acres within the greater West Lot. From the 1950s to the early 1960s the West Lot Site operated as a waste disposal and fire training area. GE burned waste materials and spent solvents in an 80-ft diameter pit known as the burn pit area. Investigations in 1990 revealed VOCs, primarily the solvents TCE, cis-1,2-DCE, vinyl chloride, benzene, toluene, ethylbenzene and xylene in soil and groundwater primarily in this area. In 1993 Lockheed Martin, then Martin Marietta, began a Remedial Investigation/Feasibility Study of the West Lot Site that included excavation and placement of impacted soil from the burn pit area into an on-site treatment cell for remediation of VOCs by soil vapor extraction. In 1999 NYSDEC issued a Consent Order with an appended Record of Decision dated 1998. The Record of Decision required the removal of soil in excess of applicable criteria from the treatment cell and the burn pit area. In accordance with the Record of Decision, contaminated

soil was excavated and transported to an approved facility in 1999. Additional soil was later removed from the burn pit area in 2005 to enhance groundwater treatment efforts.

Per additional requirements of the Record of Decision, Lockheed Martin operated a groundwater collection system at the West Lot Site from 2002 to 2007 to control the flow of impacted groundwater. Collected groundwater was pumped via underground piping from the former burn pit area to the GCTS at the Solvent Dock Area. Additional soil and groundwater investigations were completed in 2008 and 2009 and groundwater and soil vapor monitoring was performed through 2014. Monitoring results indicated that impacts to groundwater were neither increasing nor expanding. As a result, NYSDEC and the New York State Department of Health determined that continued groundwater monitoring at the West Lot was no longer necessary.

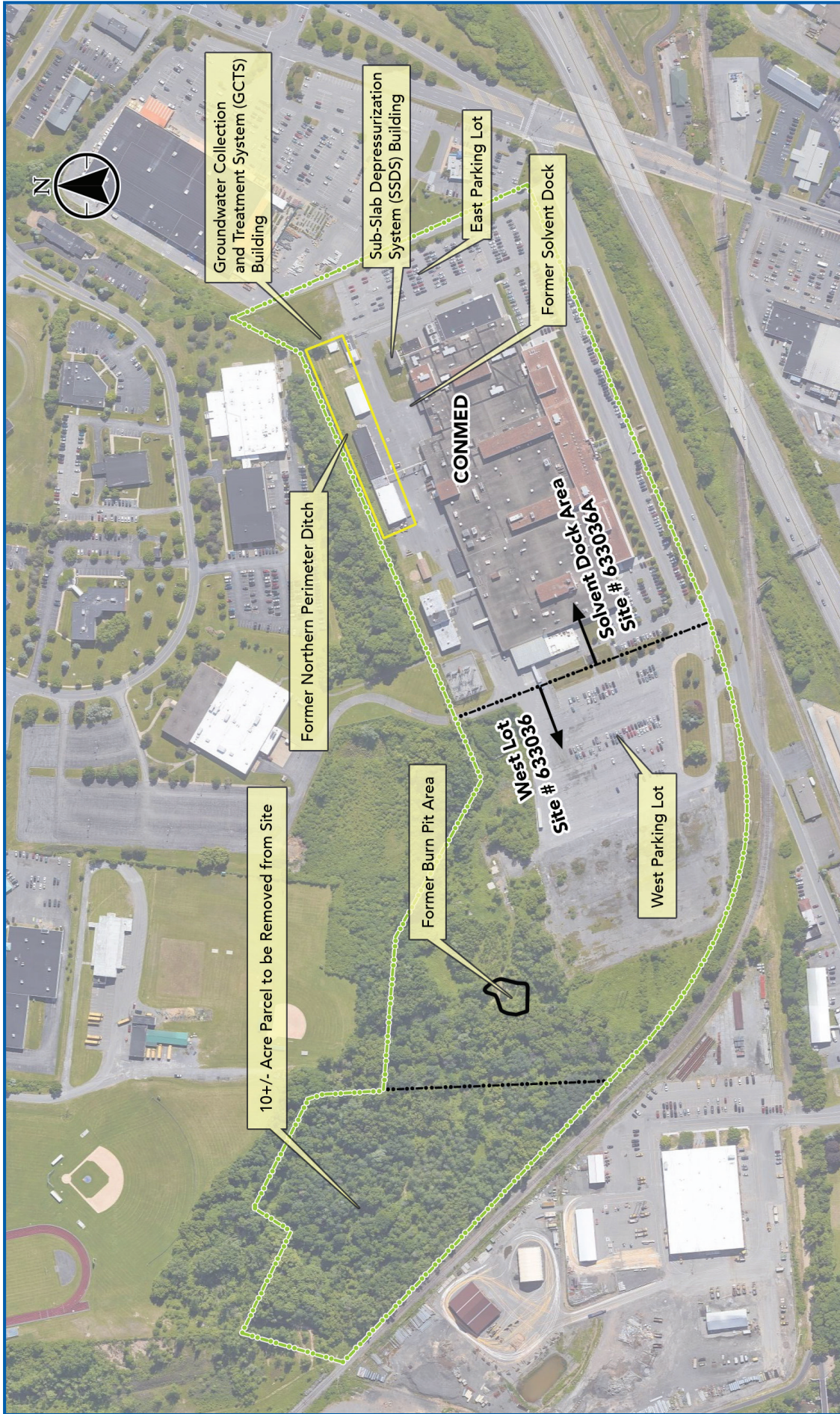
As a prerequisite to closure, NYSDEC's Statement of Basis requires removal of impacted surface soil near the burn pit area as part of the soil excavation program carried out for the Solvent Dock Area. The impacted West Lot soil is one of the three locations targeted for surface soil removal. Once excavation is completed, which is expected to begin in 2018, Lockheed Martin anticipates that the West Lot Site will be eligible for delisting and closure by NYSDEC.

Website Link

Additional information regarding the Former Lockheed Martin French Road Facility in Utica, NY, including report documents submitted to NYSDEC/NYSDOH, may be found at the following internet site:

<https://www.lockheedmartin.com/us/who-we-are/eesh/remediation/utica.html>

For questions or concerns contact 1-800-449-4486.



Annotated Aerial Photo of Former Lockheed Martin French Road Facility, Utica, New York