

## **Tax Block B Soil Removal Action**

### **Frequently Asked Questions**

#### **Brief Project Description:**

Lockheed Martin has conducted extensive soil investigations and is putting in place plans to clean up areas of soil contamination. Tax Block B (the parking lot and ball field area located on Eastern Avenue) is the first planned soil excavation area, scheduled to begin in late October 2010.

Soils in Block B, which are beneath the surface and the parking lot area, have been identified as areas of contamination, which include elevated petroleum compounds known as polycyclic aromatic hydrocarbons (PAHs) and the metals mercury and lead. Lockheed Martin will remove soil in the contaminated areas until the remaining soils meet the criteria agreed to by the state.

As requested by the community civic associations, an on-site community tour and informational exchange has been scheduled for October 29<sup>th</sup>. A 'virtual' pictorial tour of the project will be documented and made available on the Lockheed Martin website at: <http://www.lockheedmartin.com/aboutus/energy-environment/places/remediation/MiddleRiverMD.html>

### **Frequently Asked Questions**

#### ***1. What impacts will the project have on local traffic?***

As shown on the attached figure, trucks traveling from Route (Rte.) 43 will enter the project area by first turning left off Eastern Avenue (Rte. 150) at the traffic light on the corner next to the Exxon station, then turning left into the parking lot. Trucks will then load soil in either of the two areas where digging occurs using the small connector road (also called Eastern Road) to access the athletic fields. From this connector road, trucks will re-enter Eastern Avenue (Rte. 150) and turn right, traveling to Rte. 43 to access Interstate 95.

Lockheed Martin or GE Middle River Aircraft Systems (MRAS) employees or neighbors using Eastern Avenue, Chesapeake Park Drive or Eastern Road should be cautious and watchful for trucks and flagging personnel on the connector road (Eastern Road) while the project is underway.

**2. *How deep will you have to excavate (dig) at the site to remove the soil exceeding the cleanup criteria?***

For Block B, scheduled to begin late in October 2010, the excavation will vary from approximately 1-1/2 to 10-1/2 feet in depth below the ground's surface. The exact depth will be determined in the field based on laboratory analysis of soil samples taken from the excavation walls and floor following removal of the contaminated soil. Additional soil will be removed if the soil analysis identifies contamination in excess of cleanup criteria.

**3. *What is the size of the excavation area and how much soil will be removed?***

For Block B, the approximate size of the project area will be 2.5 acres but the actual excavation area is considerably smaller. Much of the project area will be used for erosion and sediment controls, stockpile areas and temporary support facilities. Approximately 1800 tons of soils are anticipated to be dug up and removed from the site, with about 1600 tons removed from the parking lot and 200 tons removed from the athletic field. Soil removed to access the soils exceeding cleanup criteria for the excavation will be tested to show it meets the cleanup criteria before reusing it as fill. The amount of soil removed may change depending on the laboratory analysis of the soil remaining within the excavation; soil will be removed until the remaining area meets the state's criteria.

**4. *How many trucks will be hauling the excavated soil and what will the route be?***

For Block B the trucks will haul the excavated soil from the site along Eastern Avenue to Route 43 and Interstate 95, with a maximum of 20 trucks scheduled for any given day, and a total of approximately 75 truckloads for the entire project, based on our projections at this time. Soil will be transported to licensed and permitted landfills, either the Imperial landfill in Pennsylvania (located near Pittsburgh) or the Grows North landfill (located in eastern Pennsylvania). Both facilities are non-hazardous waste landfills, which are appropriate disposal sites for the soils being removed. A similar number of trucks (approximately 75) will bring clean soil to replace the soil being removed from the site, for a total of around 150 trucks coming to and from the work site.

**5. *What measures will be taken to control erosion and to prevent sediments from entering water bodies and drainage ways?***

The disturbed area will be isolated from the surrounding area by combinations of berms, swales and/or silt fences placed along the perimeter. The controls will route storm water around the disturbed area so that the surface water does not flow across these areas where it could erode exposed soils. The controls also will filter runoff in these disturbed areas so that sediment does not move from these areas. The measures were designed and comply with the requirements of Baltimore County and County staff will inspect the installation of the measures before approval to excavate is granted. Trucks and equipment used in the work will be cleaned before leaving these areas to minimize movement of dirt to

roadways. Trucks will be covered with tarps prior to leaving the site to prevent dust leaving the trucks. Trucks will have sealed tailgates to prevent spills during transport.

**6. *What measures will be taken to control dust and noise during the work?***

Work hours will be in accordance with local ordinances. Heavy equipment is scheduled to operate between the hours of 7 a.m. and 5 p.m. Site workers and truckers will be arriving earlier for equipment warm-up and truck staging for load out. Dust will be controlled by wetting the exposed excavation surfaces and cleaning equipment used for excavation and soil transportation. Visual inspection and dust meters will be used to monitor the effectiveness of the dust control techniques.

**7. *What will happen to the disturbed area when the excavation is completed?***

The excavations will be backfilled to the elevation of surrounding grade when completed. Clean backfill will be obtained either onsite or from an approved off-site source of certified clean soil. The disturbed areas will be restored to their original conditions, either seeding for grass areas or paving with asphalt in parking areas.

**8. *How long will the project continue?***

The soil excavation work is scheduled to be completed in approximately 3 to 4 weeks with several additional weeks required for site restoration. The final site restoration efforts may require completion in the spring of 2011 to allow for seeding in the grass areas of the project. Of course, all this work is weather dependent and rainy or stormy weather could slow the work progress.

**9. *What will be accomplished by the Soil Removal Action in Block B?***

The goal is to remove soils that exceed the Maryland Department of the Environment Voluntary Cleanup Program criteria. Therefore, should this land ever be redeveloped, Block B could be available for unrestricted use in the future.

**10. *Who can we contact if we have questions during the work?***

Feel free to contact Gary Cambre Senior Manager, Communications for Lockheed Martin at 800-449-4486 or by email at [gary.cambre@lmco.com](mailto:gary.cambre@lmco.com) or Kay and Darryl Armstrong at 888-340-2006 or by email at [darrylkay@aol.com](mailto:darrylkay@aol.com) if you have questions or concerns during the work.

For more information on career opportunities at Lockheed Martin, visit <http://www.lockheedmartinjobs.com/index.aspx>

# Middle River Complex: Block "B" Soil Removal Areas

