

# **Arcelormittal Plate LLC (Formerly: ISG Plate LLC, Bethlehem Lukens)**

**50 S First Ave.  
Coatesville, PA 19320  
Congressional District 16  
EPA ID #: PAD002326908  
Site Property Area: 71 Acres  
Last Updated: 03/04/2014**

## **Status**

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The final Remedial Investigation, Risk Assessment and Cleanup Plan for the ISG/Lukens electric arc furnace dust Monofill site was approved by the Pennsylvania Department of Environmental Protection (PADEP) on May 4, 2000. The plan includes a Final Design of the proposed remedy and a Post-remediation Care Plan, which addresses monitoring and maintenance of continued treatment, and any utilized engineered or institutional controls. This plan proposes buttressing the dust pile side slopes with fill at thicknesses ranging from ten to twenty feet, then covering with six inches of vegetated topsoil. Work is yet to begin on the landfill cap.

EPA/PADEP is reviewing existing environmental information to determine if further investigation is required. EPA/State will focus first on the health and groundwater impacts, if any, presented by the facility. Once EPA/state completes this review process, an environmental indicator determination will be prepared and posted to this website.

## **Facility Description**

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ISG's former Lukens Electric Arc Furnace (EAF) Dust Disposal Area is located in Coatesville, Chester County, Pennsylvania. The parcel (also known as the Monofill) was transferred to ISG when they purchased assets from the bankrupt Bethlehem Steel Corporation in May 2003; which Bethlehem had purchased through the acquisition of Lukens Steel in 1998. The site was owned by Lukens Steel from approximately 1810 to 1998. The waste furnace slag and furnace dust were disposed on the property prior to 1980 by Lukens Steel. The site covers approximately 71 acres, of which approximately 3.5 acres were used for electric arc furnace dust storage/disposal. Waste slag and furnace dusts may contain elevated levels of Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Lead, Mercury, Nickel, Selenium, Silver, Thallium, Vanadium, and Zinc.

The Lukens Steel Company Electric Arc Furnace Dust Disposal Area was originally used for the disposal of blast furnace slag from 1810 until approximately 1955. The slag was later mined for use as ballast in road construction. The mining operation created an approximately four acre pit

on the site. Lukens Steel Company then dumped electric arc furnace dust (KO61) into the pit from 1962 until October 1980. Since 1980 the KO61 waste generated by the Coatesville Steel facility has been transported to a metals recovery firm for reclamation. PADEP made an official Co-product Determination on the waste slag on March, 1996.

The parcel is bordered to the east by Newlinville Road and to the Northeast by the City Construction Company property. Adjacent property to the north, west, and south of the property is wooded, undeveloped land. To the east is an electrical substation and the main ISG steel mill. The predominant uses of the land within the vicinity of the subject property are steel manufacturing, residential, agricultural and undeveloped.

The ISG property is undeveloped with the exception of a small area previously used occasionally as a shooting range for target practice, two abandoned buildings associated with the mining of the slag for road construction, and PECO high tension power lines. An unpaved road traverses the property in a westerly direction from Newlinville Road past the Monofill and then turns to the south towards the shooting range. The remainder of the property contains small ponds and a creek, undeveloped areas with trees and underbrush, and areas of residual slag with vegetation and trees growing out of them.

## **Government Contact**

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For more information about EPA's corrective action webpage, including Environmental Indicators, please visit our site at: [www.epa.gov/reg3wcmd/correctiveaction.htm](http://www.epa.gov/reg3wcmd/correctiveaction.htm)