



## **Visible Emissions Compliance Test Report**

**Lansing Board of Water and Light  
Eckert Station  
EU COAL Coal Handling System  
Lansing, Michigan  
June 26, 2018**

**Report Submittal Date:  
July 10, 2018**

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**Project No. M182604B**

## 1.0 EXECUTIVE SUMMARY

MOSTARDI PLATT conducted a visible emissions compliance test program for Lansing Board of Water and Light on June 26, 2018 at the Eckert Station on the EUACOAL Coal Handling System. This report summarizes the results of the test program and test methods used.

The test location, test date, and test parameter are summarized below.

TEST INFORMATION		
Test Location	Test Date	Test Parameter
EUACOAL Coal Handling System	June 26, 2018	Visible Emissions

The purpose of the test program was to evaluate the visible emissions while unloading coal in accordance with United States Environmental Protection Agency (USEPA) Method 9, Title 40, Code of Federal Regulations, and Part 60 (40CFR60). On thirty-minute test run for visible emission readings was performed while unloading coal on the EUACOAL Coal Handling System. Since the first thirty minutes of the one-hour test were less than half of the emission limit, the test program was considered complete.

Results of the test program are summarized below.

TEST RESULTS			
Test Location	Test Parameter	Emission Limit	Observed Visible Emission, %
EUACOAL Coal Handling System	Visible Emissions	20%	0%

No issues or errors were encountered during the test program.

The identifications of individuals associated with the test program are summarized below.

TEST PERSONNEL INFORMATION		
Location	Address	Contact
Test Facility	Lansing Board of Water and Light Eckert Station 601 Island Avenue Lansing, Michigan 48901	Ms. Trista Gregorski Environmental Engineer (517)702-6865 (phone) trista.gregorski@lbwl.com
Testing Company Representative	Mostardi Platt 888 Industrial Drive Elmhurst, Illinois 60126	Mr. Christopher S. Eldridge (630) 993-2673 (phone) celdrige@mp-mail.com

The test crew consisted of Mr. C. Eldridge.

## 2.0 TEST METHODOLOGY

Emissions testing were conducted following the methods specified in 40 CFR, Part 60, Appendix A. A copy of the field data sheets is included in Appendix A.

The following methodology was used during the test program:

### Method 9 Visible Emission Determination

Visible emissions were determined in accordance with Method 9. The observer stood at a distance providing a clear view of the emissions with the sun oriented in the 140° sector to his back. As much as possible, the line of vision was approximately perpendicular to the plume direction.

Opacity observations were made at the point of greatest opacity in the portion of the plume where condensed water vapor was not present. Observations were made at 15-second intervals for the duration of the test run.

Visible emissions observations were conducted and recorded by Mr. C. Eldridge, who is a certified visual emissions observer. Visible emissions data and the reader certification are found in Appendix A.

**RECEIVED**

**AUG 13 2018**

**AIR QUALITY DIVISION**

### 3.0 CERTIFICATION

MOSTARDI PLATT is pleased to have been of service to Lansing Board of Water and Light. If you have any questions regarding this test report, please do not hesitate to contact us at 630-993-2100.

#### CERTIFICATION

As project manager, I hereby certify that this test report represents a true and accurate summary of emissions test results and the methodologies employed to obtain those results, and the test program was performed in accordance with the methods specified in this test report.

MOSTARDI PLATT



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Christopher S. Eldridge

Program Manager



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Jeffrey M. Crivlare

Quality Assurance