



RICK SNYDER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
SAGINAW BAY DISTRICT OFFICE



DAN WYANT  
DIRECTOR

October 14, 2013

Mr. Paul Bujalski, Plant Manager  
Revstone Metavation, LLC – Vassar Plant  
700 East Huron Avenue  
Vassar, MI 48768

SRN: B2043, Tuscola County

Dear Mr. Bujalski:

**VIOLATION NOTICE**

On July 23 and 24, 2013, the Department of Environmental Quality (DEQ), Air Quality Division (AQD), observed testing of emissions conducted at the Revstone Metavation Vassar Foundry located at 700 East Huron Avenue, Vassar, Michigan. The purpose of the emission testing was to determine compliance with the requirements of the federal Clean Air Act; Part 55, Air Pollution Control, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451); the administrative rules and the conditions of Renewable Operating Permit (ROP) MI-ROP-B2043-2009a.

During the emission testing, staff observed the following:

Process Description	Rule/Permit Condition Violated	Comments
Metal casting cooling area	Source-Wide Conditions B.I. opacity limit 20%.	Opacity >20% from cooling area roof vents.

Enclosed are copies of the instantaneous and six-minute average readings taken by AQD staff at Revstone Metavation – LLC Vassar Plant on July 24, 2013. The opacity ranged from 25% - 45% with a six-minute average of 33%. In addition, non- EPA Method 9 observations and photos taken by AQD staff further indicate exceedances of opacity limitations

On July 24, 2013, Revstone Metavation staff discussed the opacity issues. The facility has begun exploring possible additional controls. An engineering evaluation and review of proposed options will be necessary. Employees will be trained to check and assure doors or other openings are closed during periods when metal castings are cooling.

Please initiate actions necessary to correct the cited violation and submit a written response to this Violation Notice by November 4, 2013. The written response should include: the dates the violation occurred; an explanation of the causes and duration of the violation; whether the violation is ongoing; a summary of the actions that have been taken and are proposed to be taken to correct the violation and the dates by which these actions will take place; and what steps are being taken to prevent a reoccurrence.

If Revstone Metavation believes the above observations or statements are inaccurate or do not constitute a violation of the applicable legal requirements cited, please provide appropriate factual information to explain your position.

Thank you for your attention to resolving the violation cited above and for the cooperation that was extended to me during the emission testing. If you have any questions regarding the violation or the actions necessary to bring this facility into compliance, please contact me at the number listed below.

Sincerely,



Kathy L. Brewer  
Environmental Quality Analyst  
Air Quality Division  
989-894-6214

KLB/jd

Enclosure

cc: Mr. Chris Hare, DEQ

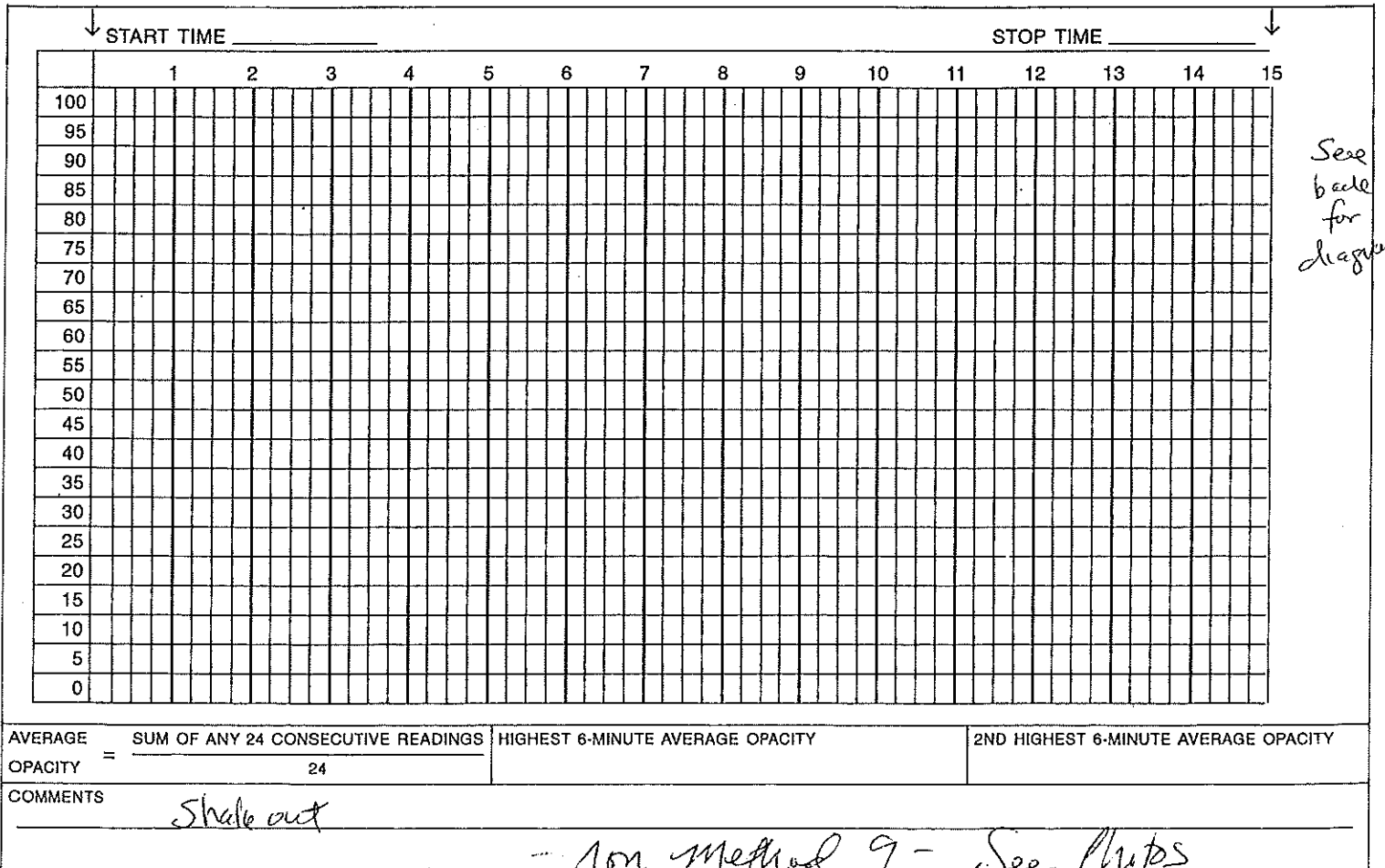
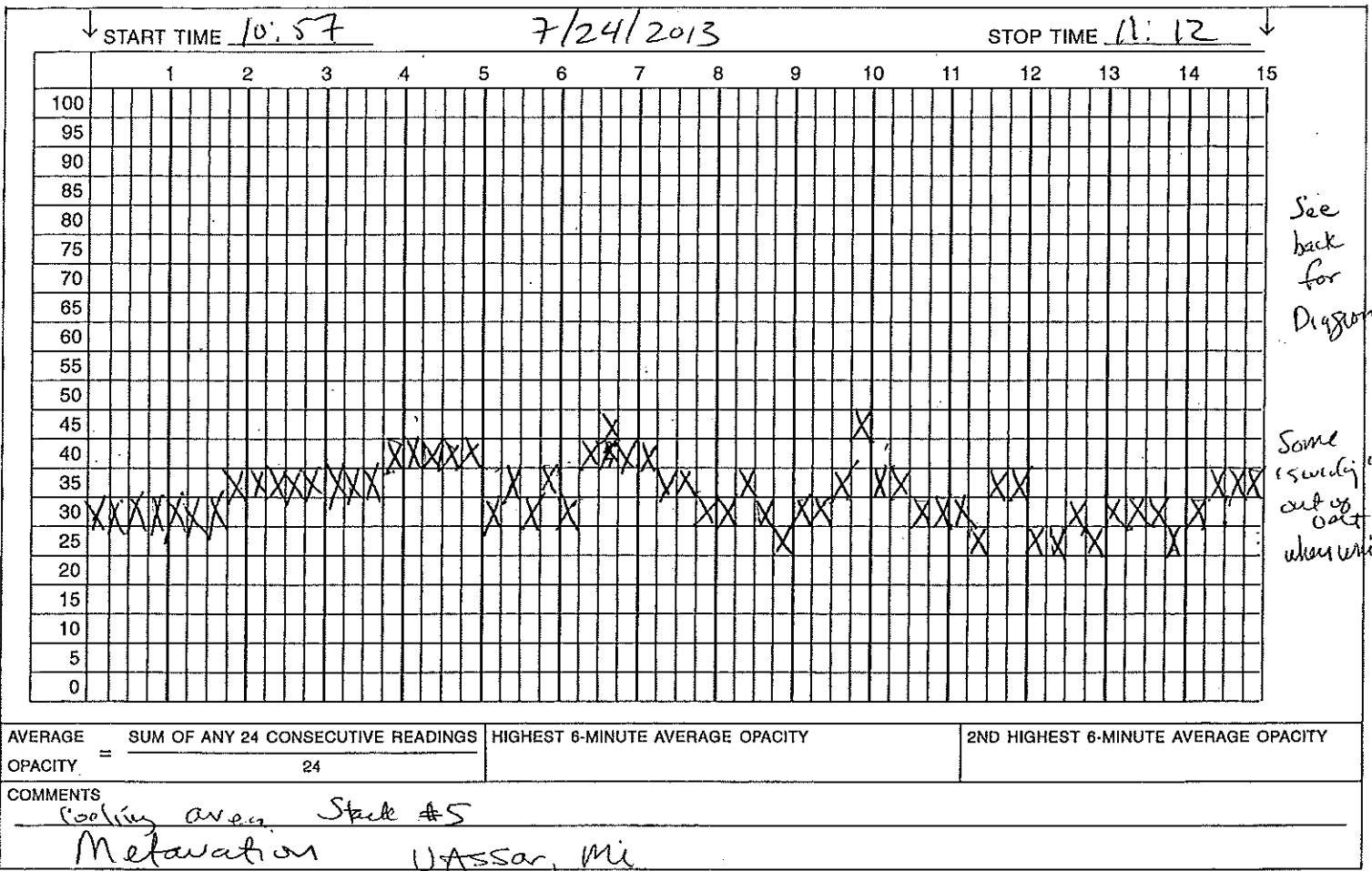
cc/via email: Ms. Stacy Greene, Revstone/Metavation

Ms. Lynn Fiedler, DEQ

Ms. Teresa Seidel, DEQ

Mr. Thomas Hess, DEQ

Mr. Eric Grinstern, DEQ



Metavation 7-24-2013 Cooling Exhaust #5 Opacity readings  
 Source: K. Brewer MDEQ

Time (sec/mins)	Opacity %	24 consecutive value avg	Highest 6 min avg	2nd highest 6 min avg	Largest to smallest
15	30	34.16666667	36.45833	36.25	36.45833
30	30	34.16666667			36.25
45	30	34.58333333			36.25
1	30	35.20833333			36.04167
15	30	35.625			36.04167
30	30	36.04166667			36.04167
45	30	36.25			35.83333
2	35	36.45833333			35.625
15	35	36.25			35.41667
30	35	36.04166667			35.20833
45	35	36.04166667			35.20833
3	35	35.83333333			35.20833
15	35	35.41666667			35
30	35	35.20833333			35
45	35	35			35
4	40	35			34.79167
15	40	35.20833333			34.58333
30	40	35			34.375
45	40	34.79166667			34.16667
5	40	34.375			34.16667
15	30	33.95833333			33.95833
30	35	33.95833333			33.95833
45	30	33.54166667			33.75
6	35	33.75			33.75
15	30	33.75			33.54167
30	40	33.54166667			33.54167
45	45	32.91666667			32.91667
7	40	32.29166667			32.29167
15	40	31.66666667			31.66667
30	35	31.25			31.25
45	35	31.04166667			31.04167
8	30	30.83333333			30.83333
15	30	30.625			30.83333
30	35	30.625			30.625
45	30	30.625			30.625
9	25	30.83333333			30.625
15	30				
30	30				
45	35				
10	45				
15	35				
30	35				
45	30				
11	30				
15	30				
30	25				
45	35				
12	35				
15	25				
30	25				
45	30				
13	25				
15	30				
30	30				
45	30				
14	25				
15	30				
30	35				
45	35				
15	35				