



John R. Kasich, Governor
Mary Taylor, Lt. Governor
Craig W. Butler, Director

11/21/2018

Carborundum Grinding Wheel, Co.
Attn: William Marchetti
1011 East Front Street
Logan, Ohio 43138

RE: Director's Final Findings & Orders
NPDES
Hocking County
OIN00123

Ladies and Gentlemen:

Transmitted herewith is one copy of the Director's Final Findings & Orders in the referenced matter.

Sincerely,

A handwritten signature in black ink, appearing to read "Kevin J. Fowler".

Kevin J. Fowler, Supervisor
Permit Processing Unit
Division of Surface Water

KJF/dks

Enclosure

CERTIFIED MAIL

cc: L. Reeder, DSW
R. Demuth, DSW
B. Palmer, DSW
S. Sheerin, DSW
J. Martin, DSW
Fiscal
J. Witte, SEDO/DSW
Compliance Section
M. McCarron, PIC
H. Griesmer, PIC
J. Lee, PIC
B. Fischbein, Legal
P. Fallah, DEFA
J. Dragovich, DEFA
File

**BEFORE THE
OHIO ENVIRONMENTAL PROTECTION AGENCY**

In the Matter of:

Carborundum Grinding Wheel Co.	:	Director's Final
1011 East Front St.	:	Findings and Orders
Logan, Ohio 43138	:	
	:	
	:	

Respondent

PREAMBLE

It is agreed by the parties hereto as follows:

I. JURISDICTION

These Director's Final Findings and Orders ("Orders") are issued to the Carborundum Grinding Wheel Co. ("Respondent"), pursuant to the authority vested in the Director of the Ohio Environmental Protection Agency ("Ohio EPA") under Ohio Revised Code ("ORC") §6111.03 and 3745.01.

II. PARTIES BOUND

These Orders shall apply to and be binding upon Respondent and successors in interest liable under Ohio law. No change in ownership of Respondent or the Facility (as hereinafter defined) shall in any way alter Respondent's obligations under these Orders.

III. DEFINITIONS

Unless otherwise stated, all terms used in these Orders shall have the same meaning as defined in ORC Chapter 6111 and the rules promulgated thereunder.

IV. FINDINGS

The Director of Ohio EPA has determined the following findings:

1. Respondent is Carborundum Grinding Wheel Co. located at 1011 East Front St., Logan, Ohio 43138 in Hocking County (Facility).
2. Respondent holds a valid, unexpired National Pollutant Discharge Elimination System (NPDES) permit No. 01N00123*FD, for discharges to Oldtown Creek.
3. Oldtown Creek constitutes "waters of the state" as defined by ORC Section

6111.01.

4. Pursuant to ORC Section 6111.04(C), no person to whom a permit has been issued shall place or discharge, or cause to be placed or discharged, in any waters of the state any sewage, sludge, sludge materials, industrial waste, or other wastes in excess of the permissive discharges specified under an existing permit.
5. Pursuant to ORC Section 6111.07(A), no person shall violate or fail to perform any duty imposed by ORC Sections 6111.01 to 6111.08 or violate any order, rule, or term or condition of a permit issued or adopted by the Director of Ohio EPA pursuant to those sections. Each day of violation is a separate offense.
6. Respondent's NPDES permit Part III.4.C requires that Discharge Monitoring Reports ("DMRs") submitted using e-DMR shall be submitted to Ohio EPA by the 20th day of the month following the month-of-interest.
7. Respondent's NPDES permit Part I, A sets a daily maximum limit of 20 mg/L and monthly average limit of 15 mg/L per day on Oil and Grease ("O&G").
8. On March 23, 2016, Respondent signed Director's Final Findings and Orders ("March 2016 Orders") for failing to submit DMRs. In accordance with the March 2016 Orders Respondent was required to submit the missing DMRs from September 2014, October 2015, November 2015, and December 2015 within thirty (30) days of the letter inviting Respondent to sign the May 2016 Orders.
9. On June 20, 2016, Ohio EPA Southeast District Office Water Quality ("SEDO WQ") Staff collected a grab sample from Respondent's outfall 001. SEDO WQ staff noted an oily sheen on the water exiting the outfall pipe. Sampling results later revealed that the O&G sample was 34.7 mg/L, exceeding the NPDES maximum limit.
10. On June 21, 2016, Ohio EPA Southeast District Office Division of Surface Water ("SEDO-DSW") staff conducted a reconnaissance inspection of Respondent's outfall 001. A visible oily sheen was observed from the water exiting the outfall.
11. On July 19, 2016, Ohio EPA SEDO-DSW mailed an inspection letter and Notice of Violation ("NOV") with respect to the June 21, 2016, inspection to Respondent. The NOV informed Respondent of its status of Significant Non-Compliance ("SNC") due to non-submittal of DMRs over the previous nine consecutive months, and that Respondent was in violation of the Part III Item 2.B of the permit requiring the effluent to be free of "noticeable accumulation of scum, foam, or sheen."
12. On March 17, 2017, Ohio EPA SEDO-DSW conducted a reconnaissance inspection of Respondent's outfall 001. An oily sheen was observed from the outfall.

13. On March 21, 2017, Ohio EPA SEDO-DSW mailed an inspection letter and NOV with respect to the March 17, 2017, inspection to Respondent. The NOV informed Respondent of its status of SNC for O&G violations, and again sited that Respondent was in violation of the Part III Item 2.B of the permit requiring the effluent to be free of "noticeable accumulation of scum, foam, or sheen."
14. In violation of the March 2016 Findings and Orders, no DMR data has been received for the months required by the March 2016 Orders.
15. Since the March 2016 Orders, DMRs for the following months have been submitted late: March 2016, April 2016, May 2016, June 2016, July 2016, August 2016, September 2016, December 2016, January 2017, February 2017, and April 2017.
16. From March 2016 through present, Respondent failed to submit sampling results for 145 parameters at stations 001, 801, and 901. These violations are shown below:

Reporting Period	Station	Parameter	Sample Frequency	Expected	Reported	Violation Date
July 2016	001	Total Suspended Solids	1/2Weeks	1	0	7/15/2016
July 2016	001	Nitrogen, Ammonia (NH3)	1/2Weeks	1	0	7/15/2016
July 2016	001	Flow Rate	1/Day	1	0	7/1/2016
July 2016	001	Flow Rate	1/Day	1	0	7/2/2016
July 2016	001	Flow Rate	1/Day	1	0	7/3/2016
July 2016	001	Flow Rate	1/Day	1	0	7/4/2016
July 2016	001	Flow Rate	1/Day	1	0	7/5/2016
July 2016	001	Flow Rate	1/Day	1	0	7/6/2016
July 2016	001	Flow Rate	1/Day	1	0	7/7/2016
July 2016	001	Flow Rate	1/Day	1	0	7/8/2016
July 2016	001	Flow Rate	1/Day	1	0	7/9/2016
July 2016	001	Flow Rate	1/Day	1	0	7/10/2016
July 2016	001	Flow Rate	1/Day	1	0	7/11/2016
July 2016	001	Flow Rate	1/Day	1	0	7/12/2016
July 2016	001	Flow Rate	1/Day	1	0	7/13/2016
July 2016	001	Flow Rate	1/Day	1	0	7/14/2016
July 2016	001	Flow Rate	1/Day	1	0	7/15/2016
July 2016	001	Flow Rate	1/Day	1	0	7/16/2016
July 2016	001	Flow Rate	1/Day	1	0	7/17/2016
July 2016	001	Flow Rate	1/Day	1	0	7/18/2016
July 2016	001	Flow Rate	1/Day	1	0	7/19/2016
July 2016	001	Flow Rate	1/Day	1	0	7/20/2016
July 2016	001	Flow Rate	1/Day	1	0	7/21/2016
July 2016	001	Flow Rate	1/Day	1	0	7/22/2016
July 2016	001	Flow Rate	1/Day	1	0	7/23/2016
July 2016	001	Flow Rate	1/Day	1	0	7/24/2016
July 2016	001	Flow Rate	1/Day	1	0	7/25/2016
July 2016	001	Flow Rate	1/Day	1	0	7/26/2016
July 2016	001	Flow Rate	1/Day	1	0	7/27/2016

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July 2016	001	Flow Rate	1/Day	1	0	7/28/2016
July 2016	001	Flow Rate	1/Day	1	0	7/29/2016
July 2016	001	Flow Rate	1/Day	1	0	7/30/2016
July 2016	001	Flow Rate	1/Day	1	0	7/31/2016
July 2016	001	CBOD 5 day	1/Month	1	0	7/1/2016
July 2016	001	pH	1/Week	1	0	7/8/2016
July 2016	001	pH	1/Week	1	0	7/22/2016
July 2016	001	Oil and Grease, Total	1/Week	1	0	7/8/2016
July 2016	001	Oil and Grease, Total	1/Week	1	0	7/22/2016
July 2016	001	Iron, Total (Fe)	1/2Weeks	1	0	7/15/2016
July 2016	001	Phenolic 4AAP, Total	1/2Weeks	1	0	7/15/2016
August 2016	001	Flow Rate	1/Day	1	0	8/6/2016
August 2016	001	Flow Rate	1/Day	1	0	8/7/2016
August 2016	001	Flow Rate	1/Day	1	0	8/13/2016
August 2016	001	Flow Rate	1/Day	1	0	8/14/2016
August 2016	001	Flow Rate	1/Day	1	0	8/20/2016
August 2016	001	Flow Rate	1/Day	1	0	8/21/2016
August 2016	001	Flow Rate	1/Day	1	0	8/27/2016
August 2016	001	Flow Rate	1/Day	1	0	8/28/2016
August 2016	001	CBOD 5 day	1/Month	1	0	8/1/2016
August 2016	001	pH	1/Week	1	0	8/1/2016
August 2016	001	Oil and Grease, Total	1/Week	1	0	8/1/2016
October 2016	001	Flow Rate	1/Day	1	0	10/1/2016
October 2016	001	Flow Rate	1/Day	1	0	10/2/2016
October 2016	001	Flow Rate	1/Day	1	0	10/8/2016
October 2016	001	Flow Rate	1/Day	1	0	10/9/2016
October 2016	001	Flow Rate	1/Day	1	0	10/15/2016
October 2016	001	Flow Rate	1/Day	1	0	10/16/2016
October 2016	001	Flow Rate	1/Day	1	0	10/22/2016
October 2016	001	Flow Rate	1/Day	1	0	10/23/2016
October 2016	001	Flow Rate	1/Day	1	0	10/29/2016
October 2016	001	Flow Rate	1/Day	1	0	10/30/2016
September 2016	001	Water Temperature	1/Day	1	0	9/3/2016
September 2016	001	Water Temperature	1/Day	1	0	9/4/2016
September 2016	001	Water Temperature	1/Day	1	0	9/10/2016
September 2016	001	Water Temperature	1/Day	1	0	9/11/2016
September 2016	001	Water Temperature	1/Day	1	0	9/17/2016
September 2016	001	Water Temperature	1/Day	1	0	9/18/2016
September 2016	001	Water Temperature	1/Day	1	0	9/24/2016
September 2016	001	Water Temperature	1/Day	1	0	9/25/2016
September 2016	001	CBOD 5 day	1/Month	1	0	9/1/2016
September 2016	001	pH	1/Week	1	0	9/1/2016
September 2016	001	Oil and Grease, Total	1/Week	1	0	9/1/2016
December 2016	001	CBOD 5 day	1/Month	1	0	12/1/2016
January 2017	001	Total Suspended Solids	1/2Weeks	1	0	1/1/2017
January 2017	001	Nitrogen, Ammonia (NH3)	1/2Weeks	1	0	1/1/2017
January 2017	001	pH	1/Week	1	0	1/1/2017
January 2017	001	pH	1/Week	1	0	1/8/2017
January 2017	001	Oil and Grease, Total	1/Week	1	0	1/1/2017
January 2017	001	Oil and Grease, Total	1/Week	1	0	1/8/2017
January 2017	001	Iron, Total (Fe)	1/2Weeks	1	0	1/1/2017

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January 2017	001	Phenolic 4AAP, Total	1/2Weeks	1	0	1/1/2017
March 2017	001	pH	1/Week	1	0	3/1/2017
March 2017	001	Oil and Grease, Total	1/Week	1	0	3/1/2017
June 2017	001	Water Temperature	1/Day	1	0	6/8/2017
June 2017	001	Water Temperature	1/Day	1	0	6/9/2017
June 2017	001	Total Suspended Solids	1/2Weeks	1	0	6/15/2017
June 2017	001	Nitrogen, Ammonia (NH3)	1/2Weeks	1	0	6/15/2017
June 2017	001	pH	1/Week	1	0	6/22/2017
June 2017	001	Oil and Grease, Total	1/Week	1	0	6/22/2017
June 2017	001	Iron, Total (Fe)	1/2Weeks	1	0	6/15/2017
June 2017	001	Phenolic 4AAP, Total	1/2Weeks	1	0	6/15/2017
July 2017	001	Total Suspended Solids	1/2Weeks	1	0	7/15/2017
July 2017	001	Nitrogen, Ammonia (NH3)	1/2Weeks	1	0	7/15/2017
July 2017	001	CBOD 5 day	1/Month	1	0	7/1/2017
July 2017	001	pH	1/Week	1	0	7/22/2017
July 2017	001	Oil and Grease, Total	1/Week	1	0	7/22/2017
July 2017	001	Iron, Total (Fe)	1/2Weeks	1	0	7/15/2017
July 2017	001	Phenolic 4AAP, Total	1/2Weeks	1	0	7/15/2017
July 2016	801	Water Temperature	1/Week	1	0	7/8/2016
July 2016	801	Water Temperature	1/Week	1	0	7/22/2016
July 2016	801	CBOD 5 day	1/Month	1	0	7/1/2016
July 2016	801	Oil and Grease, Total	1/2Weeks	1	0	7/15/2016
July 2016	801	Iron, Total (Fe)	1/2Weeks	1	0	7/15/2016
July 2016	801	Phenolic 4AAP, Total	1/2Weeks	1	0	7/15/2016
August 2016	801	Water Temperature	1/Week	1	0	8/1/2016
August 2016	801	CBOD 5 day	1/Month	1	0	8/1/2016
August 2016	801	Phenolic 4AAP, Total	1/2Weeks	1	0	8/1/2016
September 2016	801	Water Temperature	1/Week	1	0	9/1/2016
January 2017	801	Water Temperature	1/Week	1	0	1/1/2017
January 2017	801	Water Temperature	1/Week	1	0	1/8/2017
January 2017	801	Oil and Grease, Total	1/2Weeks	1	0	1/1/2017
January 2017	801	Iron, Total (Fe)	1/2Weeks	1	0	1/1/2017
January 2017	801	Phenolic 4AAP, Total	1/2Weeks	1	0	1/1/2017
March 2017	801	Water Temperature	1/Week	1	0	3/1/2017
June 2017	801	Water Temperature	1/Week	1	0	6/22/2017
June 2017	801	Oil and Grease, Total	1/2Weeks	1	0	6/15/2017
June 2017	801	Iron, Total (Fe)	1/2Weeks	1	0	6/15/2017
June 2017	801	Phenolic 4AAP, Total	1/2Weeks	1	0	6/15/2017
July 2017	801	Water Temperature	1/Week	1	0	7/1/2017
July 2017	801	Water Temperature	1/Week	1	0	7/22/2017
July 2017	801	CBOD 5 day	1/Month	1	0	7/1/2017
July 2017	801	Oil and Grease, Total	1/2Weeks	1	0	7/15/2017
July 2017	801	Iron, Total (Fe)	1/2Weeks	1	0	7/15/2017
July 2017	801	Phenolic 4AAP, Total	1/2Weeks	1	0	7/15/2017
July 2016	901	Water Temperature	1/Week	1	0	7/8/2016
July 2016	901	CBOD 5 day	1/Month	1	0	7/1/2016
August 2016	901	Water Temperature	1/Week	1	0	8/1/2016
August 2016	901	CBOD 5 day	1/Month	1	0	8/1/2016
August 2016	901	Phenolic 4AAP, Total	1/2Weeks	1	0	8/1/2016
September 2016	901	Water Temperature	1/Week	1	0	9/1/2016
January 2017	901	Water Temperature	1/Week	1	0	1/1/2017

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January 2017	901	Water Temperature	1/Week	1	0	1/8/2017
January 2017	901	Oil and Grease, Total	1/2Weeks	1	0	1/1/2017
January 2017	901	Iron, Total (Fe)	1/2Weeks	1	0	1/1/2017
January 2017	901	Phenolic 4AAP, Total	1/2Weeks	1	0	1/1/2017
March 2017	901	Water Temperature	1/Week	1	0	3/1/2017
June 2017	901	Water Temperature	1/Week	1	0	6/22/2017
June 2017	901	Oil and Grease, Total	1/2Weeks	1	0	6/15/2017
June 2017	901	Iron, Total (Fe)	1/2Weeks	1	0	6/15/2017
June 2017	901	Phenolic 4AAP, Total	1/2Weeks	1	0	6/15/2017
July 2017	901	Water Temperature	1/Week	1	0	7/1/2017
July 2017	901	Water Temperature	1/Week	1	0	7/22/2017
July 2017	901	Oil and Grease, Total	1/2Weeks	1	0	7/15/2017
July 2017	901	Iron, Total (Fe)	1/2Weeks	1	0	7/15/2017
July 2017	901	Phenolic 4AAP, Total	1/2Weeks	1	0	7/15/2017

17. During the months of August 2016, September 2016, October 2016, November 2016, December 2016, January 2017, April 2017, June 2017, and August 2017, Respondent exceeded the NPDES permit No. 01N00123*FD O&G effluent limits. These violations are shown below:

Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
August 2016	001	Oil and Grease, Total	1D Conc	20 mg/L	41.6 mg/L	8/17/2016
August 2016	001	Oil and Grease, Total	30D Conc	15 mg/L	19.1 mg/L	8/1/2016
September 2016	001	Oil and Grease, Total	1D Conc	20 mg/L	37.6 mg/L	9/8/2016
September 2016	001	Oil and Grease, Total	1D Conc	20 mg/L	55.6 mg/L	9/14/2016
September 2016	001	Oil and Grease, Total	1D Conc	20 mg/L	55.6 mg/L	9/28/2016
September 2016	001	Oil and Grease, Total	30D Conc	15 mg/L	41.075 mg/L	9/1/2016
October 2016	001	Oil and Grease, Total	1D Conc	20 mg/L	20.9 mg/L	10/5/2016
November 2016	001	Oil and Grease, Total	1D Conc	20 mg/L	55.5 mg/L	11/16/2016
November 2016	001	Oil and Grease, Total	1D Conc	20 mg/L	21.5 mg/L	11/23/2016
November 2016	001	Oil and Grease, Total	30D Conc	15 mg/L	27.625 mg/L	11/1/2016
December 2016	001	Oil and Grease, Total	1D Conc	20 mg/L	32.92 mg/L	12/7/2016
December 2016	001	Oil and Grease, Total	30D Conc	15 mg/L	15.2925 mg/L	12/1/2016
January 2017	001	Oil and Grease, Total	1D Conc	20 mg/L	33.1 mg/L	1/25/2017
January 2017	001	Oil and Grease, Total	30D Conc	15 mg/L	16.55 mg/L	1/1/2017
April 2017	001	Oil and Grease, Total	1D Conc	20 mg/L	32.5 mg/L	4/5/2017
June 2017	001	Oil and Grease, Total	1D Conc	20 mg/L	29.3 mg/L	6/7/2017
June 2017	001	Oil and Grease, Total	30D Conc	15 mg/L	17.6 mg/L	6/1/2017
August 2017	001	Oil and Grease, Total	30D Conc	15 mg/L	15.125 mg/L	8/1/2017
August 2017	001	Oil and Grease, Total	1D Conc	20 mg/L	23.4 mg/L	8/16/2017
August 2017	001	Oil and Grease, Total	1D Conc	20 mg/L	29.1 mg/L	8/23/17

18. Respondent implemented certain corrective measures to reduce the release of oil and grease from its manufacturing equipment which has resulted in improved compliance with oil and grease effluent limits in its NPDES permit.

19. This document does not modify NPDES Permit No. 0IN00123*FD. The purpose of this document is to correct a condition of noncompliance with NPDES Permit No. 0IN00123*FD and not to alter said permit.
20. Compliance with the ORC Chapter 6111 is not contingent upon the availability or receipt of financial assistance.
21. The Director has given consideration to the factors set forth in ORC Sections 6111.03, and based his determination on, evidence relating to the technical feasibility and economic reasonableness of complying with these Orders and to evidence relating to conditions calculated to result from compliance with these Orders, and its relation to the benefits to the people of the State to be derived from such compliance in accomplishing the purposes of ORC Chapter 6111.

V. ORDERS

1. Respondent is hereby assessed a penalty of \$ \$19,981.00 in settlement for violations alleged in these Orders pursuant to ORC Chapter 6111. Payment shall be made by tendering an official check made payable to "Treasurer, State of Ohio" in accordance with the schedule set forth below:

- a. By September 1, 2018, Respondent shall pay \$2,000.00 of the civil penalty;
- b. By December 1, 2018, Respondent shall pay \$2,000.00 of the civil penalty;
- c. By March 1, 2019, Respondent shall pay \$2,000.00 of the civil penalty;
- d. By June 1, 2019, Respondent shall pay \$2,000.00 of the civil penalty.
- e. By September 1, 2019, Respondent shall pay \$2,000.00 of the civil penalty
- f. By December 1, 2019, Respondent shall pay \$2,000.00 of the civil penalty
- g. By March 1, 2020, Respondent shall pay \$2,000.00 of the civil penalty
- h. By June 1, 2020, Respondent shall pay \$2,000.00 of the civil penalty
- i. By September 1, 2020, Respondent shall pay \$2,000.00 of the civil penalty
- j. By December 1, 2020, Respondent shall pay \$1,981.00

Payment shall be made by an official check made payable to "Treasurer, State of Ohio". The official check shall be submitted to Carol Butler, or her successor, together with a letter identifying the Respondent to:

Ohio EPA
Office of Fiscal Administration
P.O. Box 1049
Columbus, Ohio 43216-1049

A photocopy of the check shall be sent to the Ohio EPA, Division of Surface Water, Central Office, in accordance with Section X of these Orders.

VI. TERMINATION

Respondent's obligations under these Orders shall terminate when Respondent certifies in writing and demonstrates to the satisfaction of Ohio EPA that Respondent has performed all obligations under these Orders and the Chief of Ohio EPA's Division of Surface Water acknowledges, in writing, the termination of these Orders. If Ohio EPA does not agree that all obligations have been performed, then Ohio EPA will notify Respondent of the obligations that have not been performed, in which case Respondent shall have an opportunity to address any such deficiencies and seek termination as described above.

The certification shall contain the following attestation: "I certify that the information contained in or accompanying this certification is true, accurate and complete."

This certification shall be submitted by Respondent to Ohio EPA and shall be signed by a responsible official of Respondent. For purposes of these Orders, a responsible official is defined in OAC Rule 3745-33-03(F).

VII. OTHER CLAIMS

Nothing in these Orders shall constitute or be construed as a release from any claim, cause of action or demand in law or equity against any person, firm, partnership or corporation, not a party to these Orders, for any liability arising from, or related to activities occurring on or at the site.

VIII. OTHER APPLICABLE LAWS

All actions required to be taken pursuant to these Orders shall be undertaken in accordance with the requirements of all applicable local, state and federal laws and regulations. These Orders do not waive or compromise the applicability and enforcement of any other statutes or regulations applicable to Respondent.

IX. MODIFICATIONS

These Orders may be modified by agreement of the parties hereto. Modifications shall be in writing and shall be effective on the date entered in the journal of the Director of Ohio EPA.

X. NOTICE

All documents required to be submitted by Respondent pursuant to these Orders shall be addressed to:

Ohio Environmental Protection Agency
Division of Surface Water, Southeast District Office
2195 Front Street
Logan, Ohio 43138
Attn: Enforcement Supervisor

XI. RESERVATION OF RIGHTS

Ohio EPA and Respondent each reserve all rights, privileges and causes of action, except as specifically waived in Section XII of these Orders.

XII. WAIVER

In order to resolve disputed claims, without admission of fact, violation or liability, and in lieu of further enforcement action by Ohio EPA for only the violations specifically cited in these Orders, Respondent consents to the issuance of these Orders and agrees to comply with these Orders. Compliance with these Orders shall be a full accord and satisfaction for Respondent's liability for the violations specifically cited herein.

Respondent hereby waives the right to appeal the issuance, terms and conditions, and service of these Orders, and Respondent hereby waives any and all rights Respondent may have to seek administrative or judicial review of these Orders either in law or equity.

Notwithstanding the preceding, Ohio EPA and Respondent agree that if these Orders are appealed by any other party to the Environmental Review Appeals Commission, or any court, Respondent retains the right to intervene and participate in such appeal. In such an event, Respondent shall continue to comply with these Orders notwithstanding such

appeal and intervention unless these Orders are stayed, vacated or modified.

XIII. EFFECTIVE DATE

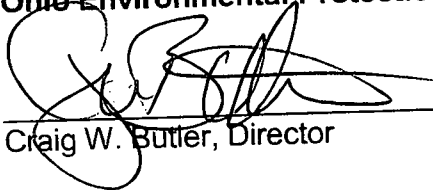
The effective date of these Orders is the date these Orders are entered into the Ohio EPA Director's journal.

XIV. SIGNATORY AUTHORITY

Each undersigned representative or a party to these Orders certifies that he or she is fully authorized to enter into these Orders and to legally bind such party to these Orders.

IT IS SO ORDERED AND AGREED:

Ohio Environmental Protection Agency



Craig W. Butler, Director

11-16-18
Date

IT IS SO AGREED:

Carborundum Grinding Wheel Co.



Signature

8/16/18
Date

William J. Marchetti

Printed or Typed Name and Title