CONSTRUCTION PERMIT SUMMARY REPORT

Company Name: Rogers Group – Lawrenceburg Quarry  
File Number: 50-0196  
EPS Initials: JLH

Permit Number(s): 080383  
Source Point Number(s): 02

Application Received (date): 5/10/2022  
Application Complete (date): 5/10/2022

Air Quality Analysis Performed?  Yes ☐ No ☑

Briefly describe the project: (new source, modifications) (what the process is) (type controls proposed) (emissions expected, qualitative) (replacing what sources) (background information)

This portable rock crushing and screening operation (Source 02) is a new air contaminant source at Lawrenceburg Quarry. This new source involves the use of a Nordberg HP300 cone crusher, Metso triple-deck screen, conveyors, and other associated equipment for processing crushed and screened rock aggregate at the rock quarry. Rogers Group agrees to a maximum production limitation of 300,000 tons during any period of 12 consecutive months while in operation. Wet suppression control will be used as an emission control device for controlling Fugitive PM emissions from the source while in operation. This source is subject to air quality requirements based on the New Source Performance Standards (NSPS), Standards of Performance for Nonmetallic Minerals Plants, 40 CFR 60, Subpart OOO. These requirements involve conducting performance emission evaluation testing of the source to demonstrate compliance while in operation with the applicable air quality standards.

RULES ANALYSIS

Title V ☐ Cond. Major ☑ Minor ☑ Source category listed in 1200-03-09-.01(4)(b)1.(i) (PSD) Yes ☐ No ☑

Reason for PSD: New source above ____ TPY ☐ Sig. increase in ____ emissions ☐ N/A ☑

Applicable NSPS: 40 CFR Part 60, Subpart OOO ☑ State Rule 1200-03-16- ☐ N/A ☑

Applicable NESHAP: 40 CFR Part 60, Subpart ☐ State Rule 1200-03-11- ☐ N/A ☑

Applicable NESHAP: 40 CFR Part 63, Subpart ☐ State Rule 1200-03-31- ☐ N/A ☑

Other Applicable State Rules

TSP Emissions: 1200-03-07 -. 03(1) ☑ N/A ☑ NOx Emissions: 1200-03- -. □ N/A ☑

SO2 Emissions: 1200-03- -. □ N/A ☑ Lead Emissions: 1200-03- -. □ N/A ☑

CO Emissions: 1200-03- -. □ N/A ☑ _____ Emissions: 1200-03- -. □ N/A ☑

VOC Emissions: 1200-03- -. □ N/A ☑ _____ Emissions: 1200-03- -. □ N/A ☑

Visible Emissions from Source not to exceed 20 % opacity per Method 9 Rule 1200-03-05 -. 01(1)

Visible Emissions from Roads/Parking not to exceed 10 % opacity per Method 1 Rule 1200-03-08 -.03

Visible Emissions from Crusher not to exceed 12 % opacity per Method 9 NSPS Subpart OOO

Visible Emissions from Screens/Conveyors not to exceed 7 % opacity per Method 9 NSPS Subpart OOO

Comments: Visible emission standards regarding this source are subject to NSPS Subpart OOO.
Emission Summary

| Source Number: | 50-0196-02 | Permit Number: | 080383 |
| Source Status: | New ☑️ Modification ☐ Expansion ☐ Relocation ☐ | Permit Status: | New ☑️ Renewal ☐ |
| PSD ☐ NSPS ☑️ NESHAP ☐ | Previous Permit Number: | Construction ☐ Operating ☐ |

<table>
<thead>
<tr>
<th>Pounds/Hour</th>
<th>Tons/Year</th>
<th>Date of Data</th>
<th>*</th>
<th>Applicable Standard 1200-03-</th>
</tr>
</thead>
<tbody>
<tr>
<td>Actual</td>
<td>Potential</td>
<td>Allowable</td>
<td>Actual</td>
<td>Potential</td>
</tr>
<tr>
<td>Fugitive PM</td>
<td>0.90</td>
<td>0.90</td>
<td>43.12</td>
<td>7.71</td>
</tr>
</tbody>
</table>

* - Source of data based on the application dated May 10, 2022. Potential emission values are derived from AP-42 Chapter 11.19.2, Crushed Stone Processing and Pulverized Mineral Processing, Supplemental to the 5th Edition, 8/04. Allowable emission values were determined from maximum production based on the application dated May 10, 2022, and the agreement letter dated June 3, 2022, from the permittee.

PERMITTING PROGRAM: JLH DATE: 7/11/2022