

APPLICATION FOR AIR QUALITY COMPLIANCE PLAN

Date of Application: 2-15-2023

Office Use Only

| | |
|-----------------|--|
| Permit No. | |
| Issue Date | |
| Expiration Date | |
| Fee | |

SITE OWNER INFORMATION:

Owner Name: Iron Horse Excavating
 Owner Address: 2391 Commerce Rd, Rapid City, SD 57102
 Contact Person: Ashley Ankole Business Phone: 605-355-0045

ACTUAL SOURCE LOCATION AND ADDRESS IF DIFFERENT THAN ABOVE:

Site Name: _____
 Address: _____
 Legal Description: _____
 Contact Person: _____ Business Phone: _____

Detailed Description of the Continuous Operation:

Hauling material in for stock pile. Hauling material out for use.

SITE INFORMATION AND FUGITIVE DUST CONTROL MEASURES

Reasonably available control technology shall be provided to prevent fugitive emissions from becoming airborne. If the space below is not adequate to describe site activities and control measures, please submit a separate document which includes all required information.

Site map must be attached and is required for permit approval.

Site Information

Size of Site: 20 acres
 Type of parking and/or storage area: Paved Unpaved Both
 Type of surface material(s): Recycled Asphalt Gravel Soil Other _____
 Size of unpaved area: 17 acres Size of paved area: 3 acres
 Condition of surface material: Good Fair Poor Other _____
 Type of traffic:

| | | | |
|-----------|------------------------|------------------|------------------------|
| <u>50</u> | Percent Light Vehicles | <u>8,000 lbs</u> | Average Vehicle Weight |
| <u>50</u> | Percent Heavy Vehicles | <u>3,000 lbs</u> | Average Vehicle Weight |
| <u>15</u> | Miles per hour | | |

 Number of vehicle trips 6 Per day
 Number of days occupied 5 Per week
 Season of most use (select Same if consistent throughout the year) Spring Summer Fall Winter Same

Other Information

Fugitive Dust Control Methods

| Unpaved Areas | |
|--|--|
| <input checked="" type="checkbox"/> | Wetting down with water: Frequency: <i>When needed</i> |
| <input type="checkbox"/> | Chemical stabilization: Type & Frequency: |
| <input type="checkbox"/> | Vehicular speed limitation: Posted Speed Limit: |
| <input checked="" type="checkbox"/> | Trackout Control: <i>Yes</i> Type: <i>Gravel laydown</i> |
| Paved Areas | |
| <input checked="" type="checkbox"/> | Sweeping: Type & Frequency: <i>skid steer attached sweeper when needed</i> |
| <input type="checkbox"/> | Water flushing (when safety is not jeopardized): Frequency: |
| <input type="checkbox"/> | Other: |
| Provide a full description of selected control measures: | |
| <i>When paved areas accumulate dirt/mud we sweep with a sweeper. All the unpaved areas are graveled. we maintain the gravel as needed.</i> | |

Please check appropriate box(es) to identify site activities (No. 1 through No. 4) and fill in all information within the applicable section.

| | |
|--|---|
| <input type="checkbox"/> | NO.1 STREET TRACTION AND DEICING MATERIAL DEPOSITION |
| Number of miles of paved road surface _____ miles | |
| Type of surface material(s) | <input type="checkbox"/> Concrete <input type="checkbox"/> Asphalt <input type="checkbox"/> Other |
| Condition of surface material | <input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor <input type="checkbox"/> Other _____ |
| Site map (including details for road network) | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| If NO, when will plan be submitted? | |
| Type of traffic | Percent Light Vehicles _____ Typical number of wheels _____ |
| | Percent Heavy Vehicles _____ Typical number of wheels _____ |
| Street speed limit(s) | _____ Miles per hour |
| Number of Vehicle Trips | _____ Per day |
| Season of most use (select Same if consistent throughout the year) | <input type="checkbox"/> Spring <input type="checkbox"/> Summer <input type="checkbox"/> Fall <input type="checkbox"/> Winter <input type="checkbox"/> Same |

| Fugitive Dust Control Methods | |
|---|--|
| Deposition of traction and deicing materials of appropriate hardness (please attach specifications) | |
| <input type="checkbox"/> | Sweeping Type & Frequency: |
| <input type="checkbox"/> | Water flushing (when safety is not jeopardized) Frequency: |
| <input type="checkbox"/> | Other: |
| Provide a full description of selected control measures: | |
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NO. 2 LOADING/UNLOADING MATERIALS THAT GENERATE FUGITIVE EMISSIONS

Describe the type of material that is loaded and unloaded: We stockpile dirt, ground asphalt, gravel and sand. we bring in and haul off that material when a jobsite needs it.

Describe the frequency and method of material loading and unloading: the frequency just depends on what projects we have. on average i would say we load/unload materials 2-8 days/month with a front end loader.

Describe all fugitive dust control measures for site activities: We have water trucks that spray the driving surface and stock pile materials when dust is present or may become present.

NO. 3 ON-GOING SOIL FILL/BORROW OPERATIONS

Type of fill material:

Describe the frequency material is brought to the site:

Describe frequency of site grading activities:

Describe all fugitive dust control measures for site activities including timeframe for site reclamation:

NO. 4 OTHER

Describe the type(s) of activity involving fugitive emissions:

Describe all fugitive dust control measures for site activities:

Please complete the Material Handling and Stockpile tables. Identify the information for each material that is handled and stockpiled at the site.

MATERIAL HANDLING (on Average. It varies)

| Material Type | Number of Loads per year | Total trips per year | Distance per trip (miles) | Total Material per year (tons) | Material Wt per load (tons) | Avg. Vehicle Wt. Empty (tons) |
|---------------|--------------------------|----------------------|---------------------------|--------------------------------|-----------------------------|-------------------------------|
| Fill dirt | 50 | 50 | varies | 1,000 | 20 | 15 |
| Ground Asp. | 100 | 100 | ↓ | 1,800 | 18 | 15 |
| Gravel | 150 | 150 | | 2,700 | 18 | 15 |
| Boulders | 4 | 4 | | 196 | 24 | 20 |
| Asphalt | 75 | 75 | | 1,350 | 18 | 15 |
| | | | | | | |
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STOCKPILES

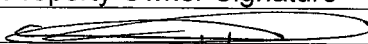
| Material Type | Volume of Material Stockpiled (ft ³) | Height of Stockpile (ft) |
|--------------------------|--|--------------------------|
| Fill dirt | 2,500 cy | 20' |
| Ground asphalt | 165 cy | 12' |
| Gravel | 200 cy | 12' |
| Large Boulders | 100 cy | 15' |
| Asphalt (not ground yet) | 280 cy | 10' |
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SIGNATURES

The Rapid City Area Air Quality Board and/or the Rapid City Air Quality Division reserve the right to request additional control measures if the reasonably available control technology presented above prove to be insufficient. In addition, information regarding emissions and/or emissions calculations may be requested by the Air Quality Division. When requested, the information must be provided in writing to the Air Quality Division.

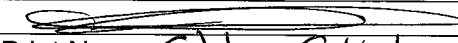
The Air Quality Division will conduct annual inspections or on a complaint basis for continuous operation sites.

I hereby agree to do the proposed work as described in this application and in accordance with Pennington County Ordinance No. 12, Rapid City Municipal Code Chapter 8.34 through and/or the Administrative Rules of South Dakota Chapter 74:36:17.

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|--|---------|--------------------------|------|
| Property Owner Signature | Date | Property Owner Signature | Date |
|  | 2/15/23 | | |
| Print Name Ashley Cinkole | | Print Name | |

For Corporations, Partnerships, etc.

| | | | |
|------------|------|------------|------|
| Signature | Date | Signature | Date |
| | | | |
| Print Name | | Print Name | |
| | | | |
| Title | | Title | |

| | | | |
|--|---------|----------------------------|------|
| Authorized Agent Signature | Date | Authorized Agent Signature | Date |
|  | 2/15/23 | | |
| Print Name Ashley Cinkole | | Print Name | |
| Title President | | Title | |

ACTION BY RAPID CITY AREA AIR QUALITY BOARD

This compliance plan has been reviewed and approved by the Rapid City Area Air Quality Board.

Comments: _____

RAPID CITY AREA AIR QUALITY BOARD SIGNATURE APPROVAL

Board Chair Signature/Date _____