



**MISSOURI**  
DEPARTMENT OF  
NATURAL RESOURCES

**MISSOURI AIR CONSERVATION COMMISSION**

**PERMIT TO CONSTRUCT**

Under the authority of RSMo 643 and the Federal Clean Air Act the applicant is authorized to construct the air contaminant source(s) described below, in accordance with the laws, rules and conditions as set forth herein.

Permit Number: 052020-014 Project Number: 2020-02-010  
Installation ID: 213-0003

Parent Company: Table Rock Asphalt Construction Co., Inc.

Parent Company Address: 3260 St. Hwy 248, Branson, MO 65615

Installation Name: Table Rock Asphalt Construction Co., Inc.

Installation Address: 3260 St. Hwy 248, Branson, MO 65615

Location Information: Taney County, S19 T23N R21W

Application for Authority to Construct was made for:  
Update original permit with a fuel switch to natural gas. This review was conducted in accordance with Section (5), Missouri State Rule 10 CSR 10-6.060, *Construction Permits Required*.

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Standard Conditions (on reverse) are applicable to this permit.

Standard Conditions (on reverse) and Special Conditions are applicable to this permit.



\_\_\_\_\_  
Director or Designee  
Department of Natural Resources

\_\_\_\_\_  
May 28, 2020  
Effective Date

STANDARD CONDITIONS:

Permission to construct may be revoked if you fail to begin construction or modification within two years from the effective date of this permit. Permittee should notify the Enforcement and Compliance Section of the Air Pollution Control Program if construction or modification is not started within two years after the effective date of this permit, or if construction or modification is suspended for one year or more.

You will be in violation of 10 CSR 10-6.060 if you fail to adhere to the specifications and conditions listed in your application, this permit and the project review. In the event that there is a discrepancy between the permit application and this permit, the conditions of this permit shall take precedence. Specifically, all air contaminant control devices shall be operated and maintained as specified in the application, associated plans and specifications.

You must notify the Enforcement and Compliance Section of the Department's Air Pollution Control Program of the anticipated date of start up of this (these) air contaminant source(s). The information must be made available within 30 days of actual startup. Also, you must notify the Department's regional office responsible for the area within which you are located within 15 days after the actual start up of this (these) air contaminant source(s).

A copy of the permit application and this permit and permit review shall be kept at the installation address and shall be made available to Department's personnel upon request.

You may appeal this permit or any of the listed special conditions to the Administrative Hearing Commission (AHC), P.O. Box 1557, Jefferson City, MO 65102, as provided in RSMo 643.075.6 and 621.250.3. If you choose to appeal, you must file a petition with the AHC within 30 days after the date this decision was mailed or the date it was delivered, whichever date was earlier. If any such petition is sent by registered mail or certified mail, it will be deemed filed on the date it is mailed. If it is sent by any method other than registered mail or certified mail, it will be deemed filed on the date it is received by the AHC.

If you choose not to appeal, this certificate, the project review and your application and associated correspondence constitutes your permit to construct. The permit allows you to construct and operate your air contaminant source(s), but in no way relieves you of your obligation to comply with all applicable provisions of the Missouri Air Conservation Law, regulations of the Missouri Department of Natural Resources and other applicable federal, state and local laws and ordinances.

The Air Pollution Control Program invites your questions regarding this air pollution permit. Please contact the Construction Permit Unit using the contact information below.

Contact Information:  
Missouri Department of Natural Resources  
Air Pollution Control Program  
P.O. Box 176  
Jefferson City, MO 65102-0176  
(573) 751-4817

The regional office information can be found at the following website:  
<http://dnr.mo.gov/regions/>

**SPECIAL CONDITIONS:**

The permittee is authorized to construct and operate subject to the following special conditions:

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*The special conditions listed in this permit were included based on the authority granted the Missouri Air Pollution Control Program by the Missouri Air Conservation Law (specifically 643.075) and by the Missouri Rules listed in Title 10, Division 10 of the Code of State Regulations (specifically 10 CSR 10-6.060). For specific details regarding conditions, see 10 CSR 10-6.060 paragraph (3)(E). "Conditions required by permitting authority."*

1. **Superseding Condition**  
The conditions of this permit supersede Special Condition 5.C found in the previously issued construction permit 032009-006 from the Air Pollution Control Program.
2. **Best Management Practices Requirement**  
Table Rock Asphalt Construction Co., Inc. shall control fugitive emissions from all of the haul roads and vehicular activity areas at this site by performing BMPs as defined in Attachment AA.
3. **Annual Emission Limit**
  - A. Table Rock Asphalt Construction Co., Inc. shall emit less than 15.0 tons of PM<sub>10</sub> in any consecutive 12-month period from the asphalt plant including the summation of all PM<sub>10</sub> emissions from startup, shutdown, and malfunction as reported to the Air Pollution Control Program's Compliance/Enforcement Section. (See Table 1 in the Table section of this permit for the list of equipment associated with the limit).
  - B. Table Rock Asphalt Construction Co., Inc. shall demonstrate compliance with Special Condition 3.A using Attachment A or another equivalent form that has been approved by the Air Pollution Control Program, including an electronic form.
4. **Moisture Content Testing Requirement**
  - A. Table Rock Asphalt Construction Co., Inc. shall verify that the moisture content of the processed rock is greater than or equal to 1.5% by weight.
  - B. Testing shall be conducted according to the method prescribed by the American Society for Testing Materials (ASTM) D-2216, C-566 or another method approved by the Director.
  - C. The initial test shall be conducted no later than 45 days after the start of operation. A second test shall be performed the calendar year following the initial test during the months of July or August.
  - D. The test samples shall be taken from rock that has been processed by the plant or from each source of aggregate (e.g. quarry).

**SPECIAL CONDITIONS:**

The permittee is authorized to construct and operate subject to the following special conditions:

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- E. The written analytical report shall include the raw data and moisture content of each sample, the test date and the original signature of the individual performing the test. The report shall be filed on-site or at the Table Rock Asphalt Construction Co., Inc. main office within 30 days of completion of the required test.
  - F. If the moisture content of either of the two tests is less than the moisture content in Special Condition 4.A, another test may be performed within 15 days of the noncompliant test. If the results of that test is less than the moisture content in Special Condition 4.A, Table Rock Asphalt Construction Co., Inc. shall either:
    - 1) Apply for a new permit to account for the revised information, or
    - 2) Submit a plan for the installation of wet spray devices to the Compliance/Enforcement Section of the Air Pollution Control Program within 10 days of the second noncompliant test. Plans may be sent by mail to P.O. Box 176, Jefferson City, MO 65102 or by email at [aircompliancereporting@dnr.mo.gov](mailto:aircompliancereporting@dnr.mo.gov). The wet spray devices shall be installed and operational within 40 days of the second noncompliant test.
  - G. In lieu of testing, Table Rock Asphalt Construction Co., Inc. may obtain test results that demonstrate compliance with the moisture content in Special Condition 4.A from the supplier of the aggregate.
5. Control Device Requirement-Baghouse
- A. Table Rock Asphalt Construction Co., Inc. shall control emissions from the drum dryer (EP-4) using a baghouse as specified in the permit application.
  - B. The baghouse shall be operated and maintained in accordance with the manufacturer's specifications. The baghouse shall be equipped with a gauge or meter, which indicates the pressure drop across the control device. These gauges or meters shall be located such that Department of Natural Resources' employees may easily observe them.
  - C. Replacement filters for the baghouse shall be kept on hand at all times. The bags shall be made of fibers appropriate for operating conditions expected to occur (i.e. temperature limits, acidic and alkali resistance, and abrasion resistance).
  - D. Table Rock Asphalt Construction Co., Inc. shall monitor and record the operating pressure drop across the baghouse at least once every 24 hours when the associated equipment is in operation. The operating pressure drop shall be maintained within the design conditions specified by the manufacturer's performance warranty.

**SPECIAL CONDITIONS:**

The permittee is authorized to construct and operate subject to the following special conditions:

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- E. Table Rock Asphalt Construction Co., Inc. shall maintain a copy of the baghouse manufacturer's performance warranty on site.
  - F. Table Rock Asphalt Construction Co., Inc. shall maintain an operating and maintenance log for the baghouse which shall include the following:
    - 1) Incidents of malfunction, with impact on emissions, duration of event, probable cause, and corrective actions; and
    - 2) Maintenance activities, with inspection schedule, repair actions, and replacements, etc.
6. Fuel Requirement-Drum Dryer
- A. Table Rock Asphalt Construction Co., Inc. shall burn exclusively natural gas in their drum dryer (EP-4).
  - B. Table Rock Asphalt Construction Co., Inc. shall burn exclusively natural gas in their asphalt heater (EP-7).
  - C. Table Rock Asphalt Construction Co., Inc. shall keep the records from the natural gas provider verifying it's usage with the unit and make them available for Department of Natural Resources' employees upon request.
7. Record Keeping Requirement
- Table Rock Asphalt Construction Co., Inc. shall maintain all records required by this permit for not less than five years and make them available to any Missouri Department of Natural Resources' personnel upon request.
8. Reporting Requirement
- Table Rock Asphalt Construction Co., Inc. shall report to the Air Pollution Control Program, Compliance / Enforcement Section by mail to P.O. Box 176, Jefferson City, MO 65102 or by email at [AirComplianceReporting@dnr.mo.gov](mailto:AirComplianceReporting@dnr.mo.gov), no later than 10 days after any exceedances of the limitations imposed by this permit.

REVIEW OF APPLICATION FOR AUTHORITY TO CONSTRUCT AND OPERATE  
SECTION (5) REVIEW

Project Number: 2020-02-010  
Installation ID Number: 213-0003  
Permit Number: 052020-014

Installation Address:

Table Rock Asphalt Construction Co.,  
Inc.:  
3260 St. Hwy 248  
Branson, MO 65615

Parent Company:

Table Rock Asphalt Construction Co.,  
Inc.  
3260 St. Hwy 248  
Branson, MO 65615

Taney County, S19 T23N R21W

INSTALLATION DECESCRIPTION

Table Rock Asphalt Construction Co., Inc. has an asphalt plant (Permits #0491-009) and a rock crushing plant (Permit #032009-006) on the west side of State Highway 248 at 3269 State Highway 248. There was an underground mine (Permit #0693-017) that is no longer operational and is now used as an underground storage unit. There was also a concrete plant (Permit #0393-003) that was dismantled and deemed inoperable when a new concrete plant (Permit 122018-006) was completed and operational. There is a portable rock crushing plant (PORT-0713) which is located on the east side (quarry side) of State Highway 248 (3600 State Highway 248) along with the concrete plant.

The asphalt plant and rock crushing plant operating at this site (Site ID 213-0003) had ambient impact limits that were based on the Air Pollution Control Program's nomographs. They have been amended in Permit #032009-006A to reflect a daily production limit. However, PORT-0713 has an annual limit of 15.0 tons of PM<sub>10</sub> per amendment (21 day relocation) #032015-002B.

PROJECT DESCRIPTION

According Construction Permit 0491-009, Table Rock Asphalt Construction Company was limited to produce 60,000 tons of asphalt in a rolling 12 month period. Since the issuance of that permit, there have been many changes that include documented watering of haul roads, change from a wet scrubber to a baghouse for particulate matter control and the switch from fuel oil to natural gas for the burner and asphalt heater. In addition, daily production limits were added for the asphalt plant and continue to apply to the asphalt plant.

In addition to the changes to the plant noted above, this permit removes the 60,000 tpy limit, which corresponded to PM<sub>10</sub> emissions of around 4.5 tpy, and allows the asphalt

plant to emit up to 15.0 tpy.

The asphalt plant is rated at 250 tons per hour with a burner input capacity of 109.9 MMBTU/hr and the asphalt heater is rated at 2.1 MMBTU/hr. Power is supplied by a local utility.

The applicant is using one of the methods described in Attachment AA, “Best Management Practices,” to control emissions from haul roads and vehicular activity areas.

This installation is located in Taney County, an attainment/unclassifiable area for all criteria pollutants.

This installation is on the List of Named Installations found in 10 CSR 10-6.020(3)(B), Table 2. Fugitive emissions are counted toward major source applicability. However, Category 27 does not apply to the 100 tons per year major source level thresholds. Therefore, the major source threshold for this asphalt plant is 250 tons per year.

## TABLES

The following table lists the equipment and emission sources for the asphalt plant.

Table 1: Equipment Summary

Emission point	Description	MDHR
EP-01	Aggregate Handling Bins	230 tons/hr
EP-02	Aggregate Handling Conveyors	920 tons/hr
EP-03	Vibrating Screen	230 tons/hr
EP-04	Drum Dryer (109.9 mmBTU/hr)	250 tons/hr
EP-05	Plant Loadout	250 tons/hr
EP-06	Silo Loading	250 tons/hr
EP-07	Asphalt Heater (2.1 mmBTU/hr)	250 tons/hr
EP-08a	Aggregate Load in	155 tons/hr
EP-08b	Aggregate Load out	155 tons/hr
EP-08c	Vehicular Activity	0.40 VMT/hr
EP-08d	Wind Erosion	0.25 acres
EP-09a	Sand Load in	75 tons/hr
EP-09b	Sand Load out	75 tons/hr
EP-09c	Vehicular Activity	0.19 VMT/hr
EP-09d	Wind Erosion	0.13 acres
EP-10	Haul Road Aggregate (181 ft, unpaved)	1.93 VMT/hr
EP-11	Haul Road Sand (1,086 ft, unpaved)	2.80 VMT/hr
EP-12	Haul Road Sales (920 feet)	7.92 VMT/hr

The following permits have been issued to Table Rock Asphalt Construction Co., Inc. from the Air Pollution Control Program.

Table 2: Permit History

Permit Number	Description
0491-009	Asphalt plant
0393-003	Concrete Batch Plant ( <i>Dismantled</i> )
0693-017	Installation of addition limestone crushing equipment (Underground)( <i>Dismantled</i> )
032009-006	Crushing and Screening Plant (makes aggregate for the asphalt plant)
032015-002	New Crushing Equipment PORT-0713
122018-006	Concrete Plant
032009-006A	Update Crushing and Screen Plant with daily production

Table 3 summarizes the emissions of this project. The potential emissions of the process equipment, which excluded emissions from haul roads and wind erosion, are not site specific and should not vary from site to site. The existing actual emissions were taken from the previous year's EIQ. The potential emissions of the application represent the emissions of all equipment and activities from the asphalt plant assuming continuous operation (8760 hours per year). The conditioned potential emissions include emissions from sources that will limit their production to ensure compliance with the annual emission limit.

Table 3: Emissions Summary (tons per year)

Air Pollutant	De Minimis Level/SMAL	<sup>a</sup> Potential Emissions of Process Equipment	Existing Actual Emissions (2019 EIQ)	<sup>b</sup> Potential Emissions of the Application	Conditioned Potential Emissions for this Asphalt Plant
PM	25.0	88.49	N/A	164.89	34.83
PM <sub>10</sub>	15.0	46.07	8.00	71.02	<15.00
PM <sub>2.5</sub>	10.0	31.73	3.18	37.52	7.93
SO <sub>x</sub>	40.0	0.36	7.17	0.36	0.08
NO <sub>x</sub>	40.0	132.01	2.88	132.01	27.88
VOC	40.0	40.00	0.94	40.00	8.45
CO	100.0	49.40	1.60	49.40	10.43
GHG (CO <sub>2</sub> e)	N/A	57,471.10	N/A	57,471.10	12,138.93
GHG (mass)	N/A	57,345.07	N/A	57,345.07	12,112.31
Formaldehyde	10.0/2.0 <sup>c</sup>	3.58	N/A	3.58	0.76
2-methylnaphthalene <sup>d</sup>	10.0/0.01 <sup>c</sup>	0.10	N/A	0.10	0.02
Lead Compounds	10.0/0.01 <sup>c</sup>	0.00	N/A	0.00	1.44E-04
Total HAPs	25.0	8.81	N/A	8.81	1.86

N/A = Not Applicable; N/D = Not Determined

<sup>a</sup>Excludes haul road and storage pile emissions

<sup>b</sup>Includes haul road and storage pile emissions

<sup>c</sup>SMAL

<sup>d</sup>2-methylnaphthalene is a member of the Polycyclic Organic Matter (POM) HAP group.

Table 4 summarizes the ambient air quality impact analysis. The maximum modeled impact is the impact of each pollutant when the asphalt plant is operating continuously.



The 24-hour limited impacts and daily limit are based on compliance with RAL for 2-methylnaphthalene.

Table 4: Ambient Air Quality Impact Analysis

Pollutant	RAL (µg/m <sup>3</sup> )	Averaging Time	<sup>a</sup> Maximum Modeled Impact (µg/m <sup>3</sup> )	Limited Impact (µg/m <sup>3</sup> )	Background (µg/m <sup>3</sup> )	Daily Limit (tons/day)
2-methylnaphthalene	23	24-hour	0.03	N/A	N/A	N/A
2-methylnaphthalene <sup>b</sup>	2.3	Annual	0.0013	N/A	N/A	N/A

<sup>a</sup>Modeled impact at maximum capacity with controls

<sup>b</sup>2-methylnaphthalene is a member of the polycyclic organic matter (POM) HAP group

The plant's Drum Dryer (EP-4) was modeled using the AERSCREEN screen modeling software. The stack characteristic entered into the modeled are listed in Table 5.

Table 5: AERSCREEN Input Parameters

Equipment Description	Stack Height (m)	Stack Inside Diameter (m)	Stack Gas Exit Velocity (m/s)	Stack Gas Exit Temperature (K)	Dispersion Coefficient
Drum Dryer	14.02	1.07	29.57	388.71	Rural

In amendment 032009-006A, the ambient impact of the asphalt was converted to daily production limits. This will remain in effect as stated in Table 6.

Table 6: Summary of Daily Production Limits

Type of Operation	Asphalt Daily Production Limit
<sup>a</sup> Solitary	4,000
<sup>b</sup> Same and Separate	2,500

<sup>a</sup> Operation without other plants

<sup>b</sup> Operation with plants that are owned and not owned by Table Rock Asphalt Construction Co., Inc.

## EMISSIONS CALCULATIONS

Emissions for the project were calculated as described below and using emission factors found in the United States EPA document AP-42 *Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources*, Fifth Edition (AP-42).

Emissions from the drum mix asphalt plant:

- Calculated using emission factors from AP-42 Section 11.1 "Hot Mix Asphalt Plants," April 2004.
- SO<sub>x</sub> emissions were calculated using the SO<sub>2</sub> and SO<sub>3</sub> emission factors from AP-42 Section 1.4 "Natural Gas Combustion," July 1998 and assuming half of the sulfur up to 0.1 pound per ton of product is absorbed into the product.
- The asphalt plant is controlled by a baghouse, so the fabric filter controlled

emission factor was used to calculate PM<sub>10</sub> emissions.

- Emissions from plant load-out were calculated using predictive equations found in AP-42 Table 11.1-14. Default values were used for asphalt volatility and mix temperature.

Emissions from the asphalt heater:

- Calculated using emission factors from AP-42 Section 1.4.

Emissions from aggregate handling:

- Calculated using emission factors from AP-42 Section 11.19.2 "Crushed Stone Processing and Pulverized Mineral Processing," August 2004.
- The controlled emission factors were used because the inherent moisture content of the crushed rock is greater than 1.5% by weight.

Emissions from haul roads and vehicular activity areas:

- Calculated using the predictive equation from AP-42 Section 13.2.2 "Unpaved Roads," November 2006.
- A 90% control efficiency for PM and PM<sub>10</sub> and a 74% control efficiency for PM<sub>2.5</sub> were applied to the emission calculations for the use of BMPs.

Emissions from storage piles:

- Load-in and load-out of storage piles were calculated using the predictive equation from AP-42 Section 13.2.4 "Aggregate Handling and Storage Piles," November 2006.
- The moisture content of the aggregate is 1.5% by weight.
- Emissions from wind erosion of storage piles were calculated using an equation found in the Air Pollution Control Program's Emissions Inventory Questionnaire Form 2.8 "Storage Pile Worksheet."

## PERMIT RULE APPLICABILITY

This review was conducted in accordance with Section (5) of Missouri State Rule 10 CSR 10-6.060, *Construction Permits Required*. Potential emissions of PM<sub>10</sub> are above/ conditioned to de minimis levels. Potential emissions of PM are above de minimis levels, but below major levels. All other criteria pollutants are below de minimis limits.

## APPLICABLE REQUIREMENTS

Table Rock Asphalt Construction Co., Inc. shall comply with the following applicable requirements. The Missouri Air Conservation Laws and Regulations should be consulted for specific record keeping, monitoring, and reporting requirements. Compliance with these emission standards, based on information submitted in the application, has been verified at the time this application was approved.

## GENERAL REQUIREMENTS

- *Submission of Emission Data, Emission Fees and Process Information*, 10 CSR 10-6.110.
- Operating Permit, currently has Intermediate Operating Permit OP2017-042
- *Restriction of Particulate Matter to the Ambient Air Beyond the Premises of Origin*, 10 CSR 10-6.170
- *Restriction of Emission of Visible Air Contaminants*, 10 CSR 10-6.220
- *Restriction of Emission of Odors*, 10 CSR 10-6.165

## SPECIFIC REQUIREMENTS

- *Restriction of Emission of Particulate Matter From Industrial Processes*, 10 CSR 10-6.400
- 40 CFR 60 Subpart I, "Standards of Performance for Hot Mix Asphalt Facilities" applies to the equipment.
- None of the National Emission Standards for Hazardous Air Pollutants (NESHAPS) or National Emission Standards for Hazardous Air Pollutants for Source Categories (MACTS) apply to the proposed equipment.
- *Control of Sulfur Dioxide Emissions*, 10 CSR 10-6.261

## STAFF RECOMMENDATION

On the basis of this review conducted in accordance with Section (5), Missouri State Rule 10 CSR 10-6.060, *Construction Permits Required*, it is recommended that this permit be granted with special conditions.

## PERMIT DOCUMENTS

The following documents are incorporated by reference into this permit:

- The Application for Authority to Construct form, dated February 5, 2020, received February 5, 2020, designating Table Rock Asphalt Construction Co., Inc. as the owner and operator of the installation.



## Attachment AA: Best Management Practices

Haul roads and vehicular activity areas shall be maintained in accordance with at least one of the following options when the plant is operating.

1. Pavement
  - A. The operator shall pave the area with materials such as asphalt, concrete or other materials approved by the Air Pollution Control Program. The pavement will be applied in accordance with industry standards to achieve control of fugitive emissions while the plant is operating.
  - B. Maintenance and repair of the road surface will be conducted as necessary to ensure that the physical integrity of the pavement is adequate to achieve control of fugitive emissions from these areas while the plant is operating.
  - C. The operator shall periodically wash or otherwise clean all of the paved portions of the haul roads as necessary to achieve control of fugitive emissions from these areas while the plant is operating.
  
2. Application of Chemical Dust Suppressants
  - A. The operator shall apply a chemical dust suppressant (such as magnesium chloride, calcium chloride, lignosulfonates, etc.) to unpaved areas.
  - B. The quantities of the chemical dust suppressant shall be applied and maintained in accordance with the manufacturer's recommendation (if available) and in sufficient quantities to achieve control of fugitive emissions from these areas while the plant is operating.
  - C. The operator shall record the time, date and the amount of material applied for each application of the chemical dust suppressant agent on the above areas. The operator shall keep these records with the plant for not less than five (5) years and make these records available to Department of Natural Resources' personnel upon request.
  
3. Application of Water-Documented Daily
  - A. The operator shall apply water to unpaved areas. Water shall be applied at a rate of 100 gallons per day per 1,000 square feet of unpaved or untreated surface area while the plant is operating.
  - B. Precipitation may be substituted for watering if the precipitation is greater than one quarter of one inch and is sufficient to control fugitive emissions.
  - C. Watering may also be suspended when the ground is frozen, during periods of freezing conditions when watering would be inadvisable for traffic safety reasons, or when there will be no traffic on the roads.
  - D. The operator shall record the date, volume of water application and total surface area of active haul roads or the amount of precipitation that day. The operators shall also record the rationale for not watering (e.g. freezing conditions or not operating).
  - E. The operator shall keep these records with the plant for not less than five (5) years, and the operator shall make these records available to Department of Natural Resources' personnel upon request.

## APPENDIX A

### Abbreviations and Acronyms

<b>%</b> ..... percent	<b>MMBtu</b> ....Million British thermal units
<b>°F</b> ..... degrees Fahrenheit	<b>MMCF</b> ....million cubic feet
<b>acfm</b> ..... actual cubic feet per minute	<b>MSDS</b> .....Material Safety Data Sheet
<b>BACT</b> ..... Best Available Control Technology	<b>NAAQS</b> ....National Ambient Air Quality Standards
<b>BMPs</b> ..... Best Management Practices	<b>NESHAPs</b> ..National Emissions Standards for Hazardous Air Pollutants
<b>Btu</b> ..... British thermal unit	<b>NO<sub>x</sub></b> .....nitrogen oxides
<b>CAM</b> ..... Compliance Assurance Monitoring	<b>NSPS</b> .....New Source Performance Standards
<b>CAS</b> ..... Chemical Abstracts Service	<b>NSR</b> .....New Source Review
<b>CEMS</b> ..... Continuous Emission Monitor System	<b>PM</b> .....particulate matter
<b>CFR</b> ..... Code of Federal Regulations	<b>PM<sub>2.5</sub></b> .....particulate matter less than 2.5 microns in aerodynamic diameter
<b>CO</b> ..... carbon monoxide	<b>PM<sub>10</sub></b> .....particulate matter less than 10 microns in aerodynamic diameter
<b>CO<sub>2</sub></b> ..... carbon dioxide	<b>ppm</b> .....parts per million
<b>CO<sub>2e</sub></b> ..... carbon dioxide equivalent	<b>PSD</b> Prevention of Significant Deterioration
<b>COMS</b> ..... Continuous Opacity Monitoring System	<b>PTE</b> .....potential to emit
<b>CSR</b> ..... Code of State Regulations	<b>RACT</b> .....Reasonable Available Control Technology
<b>dscf</b> ..... dry standard cubic feet	<b>RAL</b> .....Risk Assessment Level
<b>EQ</b> ..... Emission Inventory Questionnaire	<b>SCC</b> .....Source Classification Code
<b>EP</b> ..... Emission Point	<b>scfm</b> .....standard cubic feet per minute
<b>EPA</b> ..... Environmental Protection Agency	<b>SDS</b> ..... Safety Data Sheet
<b>EU</b> ..... Emission Unit	<b>SIC</b> .....Standard Industrial Classification
<b>fps</b> ..... feet per second	<b>SIP</b> .....State Implementation Plan
<b>ft</b> ..... feet	<b>SMAL</b> .....Screening Model Action Levels
<b>GACT</b> ..... Generally Available Control Technology	<b>SO<sub>x</sub></b> .....sulfur oxides
<b>GHG</b> ..... Greenhouse Gas	<b>SO<sub>2</sub></b> .....sulfur dioxide
<b>gpm</b> ..... gallons per minute	<b>SSM</b> .....startup, shutdown, & malfunction
<b>gr</b> ..... grains	<b>tph</b> .....tons per hour
<b>GWP</b> ..... Global Warming Potential	<b>tpy</b> .....tons per year
<b>HAP</b> ..... Hazardous Air Pollutant	<b>VMT</b> .....vehicle miles traveled
<b>hr</b> ..... hour	<b>VOC</b> ..... Volatile Organic Compound
<b>hp</b> ..... horsepower	
<b>lb</b> ..... pound	
<b>lbs/hr</b> ..... pounds per hour	
<b>MACT</b> ..... Maximum Achievable Control Technology	
<b>µg/m<sup>3</sup></b> ..... micrograms per cubic meter	
<b>m/s</b> ..... meters per second	
<b>Mgal</b> ..... 1,000 gallons	
<b>MW</b> ..... megawatt	
<b>MHDR</b> ..... maximum hourly design rate	



Missouri Department of dnr.mo.gov

# NATURAL RESOURCES

Michael L. Parson, Governor

Carol S. Comer, Director

May 28, 2020

Troy Montavy  
Customer Service, QC  
Table Rock Asphalt Construction Co., Inc.  
3260 St. Hwy 248  
Branson, MO 65615

RE: New Source Review Permit - Project Number: 2020-02-010

Dear Troy Montavy:

Enclosed with this letter is your permit to construct. Please study it carefully and refer to Appendix A for a list of common abbreviations and acronyms used in the permit. Also, note the special conditions on the accompanying pages. The document entitled, "Review of Application for Authority to Construct," is part of the permit and should be kept with this permit in your files. Operation in accordance with these conditions, your new source review permit application and with your operating permit determination (or amendment) are necessary for continued compliance. In addition, please note that Table Rock Asphalt Construction Co., Inc. cannot operate with any other plants that have ambient impact limits based on the Air Pollution Control Program's nomographs. Please refer to the permits of any plant that you are operating with to see if their respective permits contain an ambient impact limit. The reverse side of your permit certificate has important information concerning standard permit conditions and your rights and obligations under the laws and regulations of the State of Missouri.

This permit may include requirements with which you may not be familiar. If you would like the department to meet with you to discuss how to understand and satisfy the requirements contained in this permit, an appointment referred to as a Compliance Assistance Visit (CAV) can be set up with you. To request a CAV, please contact your local regional office or fill out an online request. The regional office contact information can be found at the following website: <http://dnr.mo.gov/regions/>. The online CAV request can be found at <http://dnr.mo.gov/cav/compliance.htm>.

If you were adversely affected by this permit decision, you may be entitled to pursue an appeal before the administrative hearing commission pursuant to Sections 621.250 and 643.075.6 RSMo. To appeal, you must file a petition with the administrative hearing commission within thirty days after the date this decision was mailed or the date it was delivered, whichever date was earlier. If any such petition is sent by registered mail or certified mail, it will be deemed filed on the date it is mailed; if it is sent by any method other than registered mail or certified mail, it will be deemed filed on the date it is received by the administrative hearing commission,



Troy Montavy  
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whose contact information is: Administrative Hearing Commission, United States Post Office Building, 131 West High Street, Third Floor, P.O. Box 1557, Jefferson City, Missouri 65102, phone: 573-751-2422, fax: 573-751-5018, website: [www.oa.mo.gov/ahc](http://www.oa.mo.gov/ahc).

If you have any questions regarding this permit, please do not hesitate to contact Kathy Kolb, at the department's Air Pollution Control Program, P.O. Box 176, Jefferson City, MO 65102 or at (573) 751-4817. Thank you for your attention to this matter.

Sincerely,

AIR POLLUTION CONTROL PROGRAM



Susan Heckenkamp  
New Source Review Unit Chief

SH:kka

Enclosures

c: Southwest Regional Office  
PAMS File: 2020-02-010

Permit Number: 052020-014