

Guidance for approval of:

## **RIP RAP FOR USE AS STONE FOR EROSION CONTROL**

*Effective Date: March 2024*

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### **SCOPE**

Aggregate sources producing rip rap material and are requesting approval to supply to the Oklahoma Department of Transportation (ODOT) for use in Highway Construction Projects, must fulfill the following requirements described in the aggregate source section.

Prior to any rip rap approval, the rip rap material will be tested and evaluated by the Materials Division of the Oklahoma Department of Transportation, as noted in Materials Division sampling, testing, and evaluation and Materials Division acceptance or denial, as described below. Only materials meeting the requirements as per ODOT Standard Specification 713.01 and 713.03, will be listed on the Approved Rock, Stone, and Sand sources list to provide rip rap material.

### **AGGREGATE SOURCE**

The required information listed below shall be on the official letterhead of the operating company.

#### **Required information:**

- The name of the source (how it should be listed on the Materials Division sources list)
- Type of material being quarried (Sandstone, Limestone, etc.)
- Legal description of the property (Section-Township-Range) and County where source is located
- Physical address of the source
- Mailing address for correspondence
- Current, up to date proof/certificate of the on-site, operational scale
- GPS coordinates (Decimal-Degree format) of the scale house
- Google Earth image of the source location
- Contact info for personnel at the source:
  - Names and Titles
  - Email
  - Direct and cell phone numbers

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## **MATERIALS DIVISION SAMPLING, TESTING, AND EVALUATION OF RIP RAP**

Once the required documentation has been received, the Materials Division will review the submittal. If the submittal is deemed acceptable, the Materials Division will contact the producer or their representative to schedule a time and date to sample the rip rap material for testing and evaluation. It should be noted that prior to any sampling trip made by the Materials Division the producer must have a substantial amount (no less than 2,000 tons) of stockpiled rip rap material. The stockpile shall be representative of the rip rap material which will be produced for ODOT use. If the quantity of the stockpiled rip rap is deemed to not be of a substantial amount upon arrival at the source, the material will not be sampled. The aggregate source will not be sampled until such time that there is sufficient material stockpiled and it is the producer's responsibility to adhere to these guidelines.

## **MATERIALS DIVISION ACCEPTANCE OR DENIAL OF RIP RAP**

If the rip rap material is of sufficient quality to meet the requirements of ODOT Standard Specification 713.01 and 713.03, as evidenced by Materials Division test results, the source may be approved to provide rip rap material to ODOT Highway Construction Projects for a specific length of time. The source will be listed on the Approved Rock, Stone, and Sand Sources list. The source will be subject to future testing at the discretion of the ODOT Materials Division. Any private lab test results submitted to the Materials Division with the final report are solely for information in determining whether ODOT Materials Division will sample rip rap material for testing and does not afford the source any kind or type of rip rap approval. Any rip rap material approvals will be based on Materials Division test results only.

If the material is not of sufficient quality to meet the requirements of ODOT Standard Specification 713.01 and 713.03, as evidenced by Materials Division test results, the source will not be approved to provide rip rap material to ODOT Highway Construction Projects. Re-sampling of the source may only be approved by the Materials Engineer based on the outcome of the failing test results.

However, the source may request that the aggregate of lesser quality be given a limited use approval if some of the requirements have been met for such a use. For example, the rip rap material may not meet erosion control stone or gabion/revetment mattress/rock filter dam requirements but still meet filter blanket requirements.