

LIST OF COMMERCIAL SOURCES
EFFECTIVE: January 31, 2023
ATTENTION: ALL DISTRICTS

LIST OF SOURCES CHECKED UNDER ARTICLE 703.2 OF THE 2002 CONSTRUCTION MANUAL FOR QUALITY CONTROL OF COMMERCIAL SOURCES, NOTE 4, AND MP 700.00.01.

| <u>SOURCE CODE</u> | <u>COMPANY</u> | <u>PRODUCING SITE</u> | <u>TYPE MATERIAL</u> | <u>REPORT NUMBER</u> | <u>REACTIVITY CLASS (Note 3)</u> |
|--------------------|----------------------------------|-----------------------|----------------------|----------------------|----------------------------------|
| AAQ1.01.704 | AA Quarry | Grayson, KY | C. Agg-Limestone | 2201374 Note 1 | R1 |
| | | | F. Agg-Limestone | 2201376 Note 1 | R1 |
| GAI1.01.704 | Ace Aggregates | Philippi, WV | C. Agg-Limestone | 2200892 | R1 |
| | | | F. Agg-Limestone | 2200598 | R1 |
| AIC1.03.704 | Aggregate Industries (Dolomite) | Millville, WV | C. Agg-Limestone | 2200634 | R0 |
| | | | F. Agg-Limestone | 2200632 | R0 |
| AAC1.02.704 | Allegany Aggregates | Flintstone, MD | C. Agg-Limestone | 2200928 | R1 |
| | | | F. Agg- Limestone | 2200929 | R1 |
| AAC1.01.704 | Allegany Aggregates | Short Gap, WV | C. Agg-Limestone | 2200631 | R0 |
| | | | F. Agg-Limestone | 2200635 | R0 |
| JFA2.02.704 | Allen, J. F. | Elkins, WV | C. Agg-Limestone | 2103897 | R1 |
| | | | F. Agg-Limestone | 2103896 | R1 |
| JFA2.01.704 | Allen, J. F. (Mashey Gap Quarry) | Elkins, WV | C. Agg-Limestone | 2103894 | R1 |
| | | | F. Agg-Limestone | 2103895 | R1 |
| BSG1.01.704 | Belpre Sand & Gravel | Little Hocking, OH | C. Agg- Gravel | 2201905 Note 1 | R1 |
| | | | F. Agg-Silica Sand | 2201904 Note 1 | R1 |
| BIZC.01.704 | Bizzack Corporation | Castlewood, VA | C. Agg-Limestone | 2202275 Note 1 | R2 |
| | | | F. Agg-Limestone | 2202275 Note 1 | R2 |

List of Commercial Sources
Effective January 31, 2023
Page 2

| <u>SOURCE CODE</u> | <u>COMPANY</u> | <u>PRODUCING SITE</u> | <u>TYPE MATERIAL</u> | <u>REPORT NUMBER</u> | <u>REACTIVITY CLASS (Note 3)</u> |
|---------------------------|----------------------------------|------------------------------|-----------------------------|-----------------------------|---|
| BVR1.01.704 | Buffalo Valley Resources | Grayson, KY | C. Agg- Limestone | 2201379 | R1 |
| | | | F. Agg- Limestone | 2201378 | R1 |
| LCC1.02.704 | Martin Marietta | Warfordsburg, PA | C. Agg-Limestone | 2200926 | R3 |
| | | | F. Agg-Limestone | 2200927 | R3 |
| BAC1.02.704 | Appalachian Agg. of WV | Lewisburg, WV | C. Agg-Limestone | 2103884 | R1 |
| | | | F. Agg-Limestone | 2103885 | R1 |
| BAC1.03.704 | Appalachian Agg. of WV | Mill Point, WV | C. Agg-Limestone | 2103888 | R1 |
| | | | F. Agg-Limestone | 2103889 | R1 |
| BCS1.01.704 | Mountain Materials | Olive Hill, KY | C. Agg-Limestone | 2202272 Note 1 | R1 |
| | | | F. Agg-Limestone | 2202271 Note 1 | R1 |
| BSC2.01.704 | Greer Industries | Blaney Hollow, WV | C. Agg-Limestone | 2200599 | R1 |
| | | | F. Agg-Limestone | 2200600 | R1 |
| CLC1.03.704 | Carmeuse Lime | Maysville, KY | C. Agg-Limestone | 2201921 Note 1 | R0 |
| | | | F. Agg-Limestone | 2201922 Note 1 | R0 |
| CLC1.01.704 | Carmeuse Lime | Clearbrook, VA | C. Agg-Limestone | 2200639 | R1 |
| | | | F. Agg-Limestone | 2200638 | R1 |
| CLC1.02.704 | Carmeuse Lime | Strasburg, VA | C. Agg-Limestone | 2200622 | R2 |
| | | | F. Agg-Limestone | 2200627 | R2 |
| CSS1.01.704 | Cool Springs Stone Supply | Hopwood, PA | C. Agg-Limestone | 2200601 | R1 |
| | | | F. Agg- Limestone | 2200602 | R1 |

List of Commercial Sources
Effective January 31, 2023
Page 3

| <u>SOURCE CODE</u> | <u>COMPANY</u> | <u>PRODUCING SITE</u> | <u>TYPE MATERIAL</u> | <u>REPORT NUMBER</u> | <u>REACTIVITY CLASS (Note 3)</u> |
|---------------------------|---|------------------------------|-----------------------------|-----------------------------|---|
| CSI2.01.704 | Cranesville Stone | Cranesville, WV | C. Agg-Limestone | 2200603 | R1 |
| | | | F. Agg-Limestone | 2200604 | R1 |
| DEC1.01.704 | Dillon, E. & Co. | Swords Creek, VA | C. Agg-Limestone | 2200222 | R0 |
| | | | F. Agg-Limestone | 2200223 | R0 |
| ERA1.01.704 | East River Aggregates | Princeton, WV | C. Agg-Limestone | 2201382 | R1 |
| | | | F. Agg-Limestone | 2200223 | R1 |
| FMC1.01.704 | Fairfax Materials | Arthur, WV | C. Agg-Limestone | 2200245 | R0 |
| | | | F. Agg-Limestone | 2200244 | R0 |
| FMC1.02.704 | Fairfax Materials | Scherr, WV | C. Agg-Limestone | 2200246 | R0 |
| | | | F. Agg-Limestone | 2200243 | R0 |
| FMC1.03.704 | Fairfax Materials | Thomas, WV | F. Agg-Silica (Man) | 2200642 | R1 |
| GIC1.02.704 | Greer Industries | Greer, WV | C. Agg-Limestone | 2200605 | R2 |
| | | | F. Agg-Limestone | 2200606 | R2 |
| GIC1.03.704 | Greer Industries (Deckers Creek) | Greer, WV | C. Agg-Limestone | 2200607 | R1 |
| | | | F. Agg-Limestone | 2200608 | R1 |
| GIC1.01.704 | Greer Lime (Germany Valley) | Riverton, WV | C. Agg-Limestone | 2200640 | R0 |
| | | | F. Agg-Limestone | 2200641 | R0 |
| HMC1.01.703 | Haydon Materials | Battletown, KY | C. Agg-Limestone | 2202255 Note 1 | R0 |
| | | | F. Agg-Limestone | 2202256 Note 1 | R0 |

List of Commercial Sources
Effective January 31, 2023
Page 4

| <u>SOURCE CODE</u> | <u>COMPANY</u> | <u>PRODUCING SITE</u> | <u>TYPE MATERIAL</u> | <u>REPORT NUMBER</u> | <u>REACTIVITY CLASS (Note 3)</u> |
|---------------------------|--|------------------------------|-----------------------------|-----------------------------|---|
| HBB1.01.704 | Hilltop (Big Bend Quarry) | Battletown, KY | C. Agg-Limestone | 2202257 Note 1 | R0 |
| | | | F. Agg-Limestone | 2202258 Note 1 | R0 |
| HBR1.01.704 | Hilltop Basic Resources | Patriot, IN | C. Agg-Gravel | 2202245 Note 1 | R1 |
| | | | F. Agg-Silica Sand | 2202246 Note 1 | R1 |
| IQC1.01.704 | Inwood Quarry | Inwood, WV | C. Agg-Limestone | 2200624 | R1 |
| | | | F. Agg-Limestone | 2200620 | R1 |
| JIC1.01.704 | Jaymar, Inc. | Reedsville, OH | C. Agg-Gravel | 2201899 Note 1 | R1 |
| | | | F. Agg-Silica Sand | 2201900 Note 1 | R1 |
| KLC1.02.709 | Keystone Lime | Springs, PA | C. Agg-Limestone | 2200613 | R2 |
| | | | F. Agg-Limestone | 2200614 | R2 |
| LLL1.01.704 | Latham Stone | Latham, OH | C. Agg-Limestone | 2202262 Note 1 | R0 |
| | | | F. Agg-Limestone | 2202263 Note 1 | R0 |
| LAC1.01.704 | Laural Aggregates | Lake Lynn, PA | C. Agg-Limestone | 2200611 | R1 |
| | | | F. Agg -Limestone | 2200612 | R1 |
| LSG1.01.704 | Letart Sand & Gravel | Gallipolis Ferry, WV | C. Agg-Gravel | 2202269 Note 1 | R1 |
| | | | F. Agg-Silica Sand | 2202270 Note 1 | R1 |
| LSC1.01.704 | Lucks Stone Co. (Goose Creek Plant) | Leesburg, VA | C. Agg-Diabase | 2200630 | R0 |
| LSC1.02.704 | Lucks Stone Co. (Leesburg Plant) | Leesburg, VA | C. Agg-Diabase | 2200633 | R0 |

**List of Commercial Sources
Effective January 31, 2023
Page 5**

| <u>SOURCE CODE</u> | <u>COMPANY</u> | <u>PRODUCING SITE</u> | <u>TYPE MATERIAL</u> | <u>REPORT NUMBER</u> | <u>REACTIVITY CLASS (Note 3)</u> |
|-------------------------------|--------------------------------------|------------------------------|------------------------------------|---------------------------------|---|
| LSC1.04.704 | Luck Stone Co. | Ruckersville, VA | C. Agg- Granite | 2200913 | R0 |
| | | | F. Agg.- Granite | 2200914 | R0 |
| MMA1.04.704 | Martin Marietta Aggregates | Apple Grove, OH | C. Agg-Gravel | 2201895 Note 1 | R0 |
| | | | F. Agg-Silica Sand | 2201896 Note 1 | R0 |
| MMA1.05.704 | Martin Marietta Aggregates | Boonesboro, MD | C. Agg-Limestone | 2200636 | R0 |
| | | | F. Agg-Limestone | 2200637 | R0 |
| MMA1.13.704 | Martin Marietta Aggregates | Petersburg, KY | C. Agg- Gravel | 2201923 Note 1 | RX |
| | | | F. Agg- Silica Sand | 2202244 Note 1 | R1 |
| MMA1.02.704 | Martin Marietta (Burning Springs) | Petroleum, WV | C. Agg-Limestone | 2201879 | R0 |
| | | | F. Agg-Limestone | 2201880 | R0 |
| MMA1.03.704 | Martin Marietta Aggregates | Pinesburg, MD | C. Agg-Limestone | 2200621 | R0 |
| | | | F. Agg-Limestone | 2200623 | R0 |
| MMC2.01.704 | Maryland Minerals | Accident, MD | F. Agg-Silica Sand Manufactured | 2200643 | R0 |
| MSP1.01.704 | Meadows Stone & Paving | Monterville, WV | C. Agg-Limestone | 2103890 | R1 |
| | | | F. Agg-Limestone | 2103891 | R1 |
| MCS1.01.704 | Appalachian Aggregates | Princeton, WV | C. Agg-Limestone | 2200220 | R0 |
| | | | F. Agg-Limestone | 2200221 | R2 |
| MSG1.01.704 | Midvale Sand & Gravel | Midvale, OH | C. Agg-Gravel | 2201875 | R1 |
| | | | F. Agg-Silica Sand | 2201876 | R1 |

**List of Commercial Sources
Effective January 31, 2023
Page 6**

| <u>SOURCE CODE</u> | <u>COMPANY</u> | <u>PRODUCING SITE</u> | <u>TYPE MATERIAL</u> | <u>REPORT NUMBER</u> | <u>REACTIVITY CLASS (Note 3)</u> |
|-------------------------------|---|------------------------------|-----------------------------|---------------------------------|---|
| MAC1.01.704 | Mountain Aggregates | Elkhorn City, KY | C. Agg-Limestone | 2101393 | R1 |
| | | | F. Agg-Limestone | 2101394 | R1 |
| MAC1.02.704 | Mountain Aggregates | Jenkins, KY | C. Agg-Limestone | 2202273 Note 1 | R1 |
| | | | F. Agg-Limestone | 2202274 Note 1 | R1 |
| MMC1.01.704 | Mountain Materials (Valley Quarry) | Olive Hill, KY | C. Agg-Limestone | 2202272 Note 1 | R0 |
| | | | F. Agg-Limestone | 2202271 Note 1 | R0 |
| MCS2.01.704 | Mulzer Stone | Cape Sandy, IN | C. Agg-Limestone | 2202251 Note 1 | R0 |
| | | | F. Agg-Limestone | 2202252 Note 1 | R0 |
| MCS2.02.704 | Mulzer Stone (Dolomite) | Charlestown, IN | C. Agg-Limestone | 2202249 Note 1 | R1 |
| | | | F. Agg-Limestone | 2202250 Note 1 | R1 |
| MCS2.03.704 | Mulzer Stone | New Amsterdam, IN | C. Agg-Limestone | 2202253 Note 1 | R2 |
| | | | F. Agg-Limestone | 2202254 Note 1 | R2 |
| NLS1.01.704 | National Lime and Stone | Carey, OH | C. Agg-Limestone | 2202482 Note 1 | R0 |
| | | | F. Agg-Limestone | 2202481 Note 1 | R0 |
| NES1.01.704 | New Enterprise Stone | Everett, PA | C. Agg-Limestone | 2200919 | R1 |
| | | | F. Agg-Limestone | 2200920 | R1 |
| NES1.05.704 | New Enterprise | Fayetteville, PA | F. Agg- Silica Sand | 2200925 | R1 |
| NES1.02.704 | New Enterprise | Roaring Springs, PA | C. Agg- Limestone | 2201365 | R1 |
| | | | F. Agg- Limestone | 2201366 | R1 |

List of Commercial Sources
Effective January 31, 2023
Page 7

| <u>SOURCE CODE</u> | <u>COMPANY</u> | <u>PRODUCING SITE</u> | <u>TYPE MATERIAL</u> | <u>REPORT NUMBER</u> | <u>REACTIVITY CLASS (Note 3)</u> |
|---------------------------|---------------------------------------|------------------------------|-----------------------------|-----------------------------|---|
| NSG1.01.704 | Nugent Sand & Gravel | Milton, KY | C. Agg-Gravel | 2202247 Note 1 | R0 |
| | | | F. Agg-Silica Sand | 2202248 Note 1 | R0 |
| PSG1.01.704 | Piketon Sand & Gravel | Piketon, OH | C. Agg-Gravel | 2202266 Note 1 | R1 |
| | | | F. Agg-Silica Sand | 2202267 Note 1 | R1 |
| PRS1.01.704 | Hanson Aggregates (Plum Run Stone) | Peebles, OH | C. Agg-Limestone | 2202264 Note 1 | R0 |
| | | | F. Agg-Limestone | 2202265 Note 1 | R0 |
| PMQ1.02.704 | Appalachian Aggregates | Pounding Mill, VA | C. Agg-Limestone | 2200234 | R1 |
| | | | F. Agg-Limestone | 2200235 | R1 |
| PMQ1.01.704 | Appalachian Aggregates | Bluefield, VA | C. Agg-Limestone | 2200224 | R0 |
| | | | F. Agg-Limestone | 2200225 | R0 |
| PMQ1.03.704 | Rocky Gap Quarry | Rocky Gap, VA | C. Agg-Limestone | 2200216 | R1 |
| | | | F. Agg-Limestone | 2200217 | R1 |
| RBS1.01.704 | RBS Quarry | Lewisburg, WV | C. Agg-Limestone | 2103886 | R1 |
| | | | F. Agg-Limestone | 2103887 | R1 |
| RFS1.01.702 | Aggregate Industries | King George, VA | F. Agg.-Silica Sand | 2200916 | R1 |
| RSC1.01.704 | Yager Materials | Wolf Creek, KY | C. Agg-Limestone | 2202259 Note 1 | R0 |
| | | | F. Agg-Limestone | 2202259 Note 1 | R0 |
| SSC1.01.704 | Salem Stone (Quartzite) | Sylvatus, VA | C. Agg-Quartzite | 2200212 | R1 |
| | | | F. Agg-Quartzite | 2200213 | R1 |

List of Commercial Sources
Effective January 31, 2023
Page 8

| <u>SOURCE CODE</u> | <u>COMPANY</u> | <u>PRODUCING SITE</u> | <u>TYPE MATERIAL</u> | <u>REPORT NUMBER</u> | <u>REACTIVITY CLASS (Note 3)</u> |
|---------------------------|--|------------------------------|-----------------------------|-----------------------------|---|
| SMC1.02.704 | Shelly Materials (Willow Island/Reno) | Marietta, OH | C. Agg-Gravel | 2201901 Note 1 | R0 |
| | | | F. Agg-Silica Sand | 2201902 Note 1 | R1 |
| SMC1.01.704 | Shelly Materials (Portland Plant) | Portland, OH | C. Agg-Gravel | 2201897 Note 1 | R1 |
| | | | F. Agg-Silica Sand | 2201898 Note 1 | R0 |
| SCS1.01.704 | South Central Sand and Gravel | Piketon, OH | F. Agg-Silica Sand | 2202268 Note 1 | R1 |
| **SGI1.01.703 | Specialty Granules | Blueridge Summit, PA | C. Agg-Phylite | 2202486 Note 1 | RX |
| SWV1.01.704 | Appalachian Aggregates | Elkins, WV | C. Agg-Limestone | 2103892 | R1 |
| | | | F. Agg-Limestone | 2103893 | R1 |
| SSG1.01.704 | Stocker Sand & Gravel | Gnadenhutten, OH | C. Agg-Gravel | 2201877 Note 1 | R1 |
| | | | F. Agg-Silica Sand | 2201878 Note 1 | R1 |
| SMP2.01.704 | Stuart M. Perry | Winchester, VA | C. Agg-Limestone | 2200626 | R1 |
| | | | F. Agg-Limestone | 2200625 | R1 |
| SMP2.02.704 | Stuart M. Perry | Berryville, VA | C. Agg-Limestone | 2200628 | R0 |
| | | | F. Agg-Limestone | 2200629 | R0 |
| SMC2.01.704 | Subtropolis Mining | Petersburg, OH | C. Agg- Limestone | 2202477 Note 1 | R1 |
| | | | F. Agg- Limestone | 2202476 Note 1 | R1 |
| VQC1.01.704 | New Enterprise Stone | Chambersburg, PA | C. Agg-Limestone | 2200922 | R1 |
| | | | F. Agg-Limestone | 2200921 | R1 |

**List of Commercial Sources
Effective January 31, 2023
Page 9**

| <u>SOURCE CODE</u> | <u>COMPANY</u> | <u>PRODUCING SITE</u> | <u>TYPE MATERIAL</u> | <u>REPORT NUMBER</u> | <u>REACTIVITY CLASS (Note 3)</u> |
|--------------------|----------------------|-----------------------|----------------------|----------------------|----------------------------------|
| VQC1.02.704 | New Enterprise Stone | Gettysburg, PA | C. Agg-Dolomite | 2200923 | R1 |
| | | | F. Agg-Dolomite | 2200924 | R1 |
| VMC1.01.704 | Vulcan Materials | Warrenton, VA | C. Agg- Basalt | 2200911 | R1 |
| | | | F. Agg- Basalt | 2200912 | R1 |
| WSC1.01.704 | Wythe Stone | Wytheville, VA | C. Agg-Limestone | 2200214 | R1 |
| | | | F. Agg-Silica | 2200215 | R0 |

THE FOLLOWING SOURCE(S) ARE APPROVED FOR LIMITED APPLICATION ONLY. SEE QUALIFYING STATEMENT ON TEST REPORT TO DETERMINE WHICH APPLICATIONS ARE NOT SUITABLE FOR THIS MATERIAL.

| <u>SOURCE CODE</u> | <u>COMPANY</u> | <u>PRODUCING SITE</u> | <u>TYPE MATERIAL</u> | <u>REPORT NUMBER</u> | <u>REACTIVITY CLASS (Note 3)</u> |
|--------------------|------------------------|-----------------------|----------------------|----------------------|----------------------------------|
| BAC1.01.704 | Appalachian Aggregates | Beckley, WV | C. Agg-Sandstone | 2200236 | R1 |
| | | | F. Agg-Sandstone | 2200237 | R2 |

Aggregate from the above named company and producing site(s) have been sampled and tested in compliance with the 2002 Construction Manual. Said tests have been evaluated with respect to the Standard Specifications 2017 and the sources are identified as supplying materials which have been found to meet the requirements of said specs, exceptions noted above. Additional sources and/or types of material will be sampled and tested as outlined above and corresponding evaluations will be supplied as an addendum to this report. If District and/or Contractor personnel want additional sources evaluated, a request for pretest service should be made to the Materials Control, Soils and Testing Division (MCS&T Division). When the type and source of material which has current approval is used on a State job, District personnel should request coverage for same in the usual manner but a complete description of material source and quality check lab number must be provided.

List of Commercial Sources
Effective January 31, 2023
Page 10

- * Removed from list this quarter**
- ** Added to list this quarter**
- *** Name change**
- **** Location change**

Note 1:

Sources sampled and tested this quarter and assigned new report numbers.

Note 2:

Because of the additional qualifications required for Item 402, Hot-Mix Asphalt Skid Resistant Pavement, this list of sources and the corresponding report numbers may not be used for approval of any quantities of said item unless otherwise noted. Notification of acceptable and potential skid resistant aggregate sources and means of evaluation are contained in the "List of Potential Skid Resistant Sources and Ratings".

Note 3:

Alkali-Silica Reaction (ASR) : The reaction between the alkalis (sodium and potassium) present in the concrete pore solution and certain siliceous rocks or minerals, such as opaline chert, strained quartz, and acidic volcanic glass, present in significant quantities in some aggregates. The production of the reaction may cause deleterious expansion and cracking of concrete.

According to AASHTO R 80 (Standard Practice for Determining the Reactivity of Concrete Aggregates and Selecting Appropriate Measures for Preventing Deleterious Expansion in New Concrete Construction), the reactivity classes of aggregates were determined after testing of aggregates according to AASHTO T 303 (Standard Method of Test for Accelerated Detection of Potentially Deleterious Expansion of Mortar Bars Due to Alkali-Silica Reaction) by this division. Testing shall be performed once every 3 years. If one or both of the aggregates (coarse or fine) used in a mix is reactive (any reactivity class other than R0) , mitigation is required as specified in Section 601.3.1. This requirement applies to all concrete used in paving or permanent structures on DOH project.

RX denotes a new quarry whose material has not been tested for ASR. New ASR testing results will be posted as they are received.

Classification of Aggregate Reactivity

| <i>Aggregate-Reactivity Class</i> | <i>Description of Aggregate Reactivity</i> | <i>14-Day Expansion when tested in accordance with AASHTO T 303, %</i> |
|--|---|---|
| R0 | Non-Reactive | ≤ 0.10 |
| R1 | Moderately Reactive | >0.10 to ≤ 0.30 |
| R2 | Highly Reactive | >0.30 to ≤ 0.45 |
| R3 | Very Highly Reactive | >0.45 |

Should you have any questions or request additional information about ASR Specification, please feel free to contact Mr. Suman Thapa at 304-414-6662 or at Suman.Thapa@WV.Gov.

XX: These newly added Sources samples have not yet been evaluated for Alkali-Silica Reaction and will be updated as available. Contact dohconcretemixdesign@wv.gov prior to use in the Concrete Mix.

LIST OF POTENTIAL SKID RESISTANT SOURCES AND RATING

The following aggregate sources have demonstrated skid resistant potential and may be considered for use in Item 402; Hot Mix Asphalt Skid Resistant Pavement. There may be inadvertent omissions from this list which would include sources unknown to the Division at the time this list was compiled. Failure to appear on this list does not necessarily preclude the use of such material providing acceptance of that material, through appropriate testing, is documented by the Division. Final acceptance will be based on test results derived prior to use and applicable to Section 402.2. Each source has been rated in accordance with the sampling and acceptance procedures applicable to that source. The different ratings for said procedures were derived dependent upon accumulated data and/or conditions existing within the quarry (production processes). To determine acceptance procedures and testing necessary for approval of a particular source, compare the applicable rating with the rating description included herewith. All sampling, testing, and documentation will be in accordance with Division policy. This list will be issued periodically as additions and/or rating changes occur.

A-1 RATING

| <u>SOURCE CODE</u> | <u>COMPANY & MATERIAL</u> | <u>PRODUCTION SITE</u> | <u>SOURCE RATING</u> |
|---------------------------|---------------------------------------|-------------------------------|-----------------------------|
| BAC1.01.704 | Appalachian Aggregates (Sandstone) | Beckley, WV | A-1 |
| BAC1.04.704 | Boxley Aggregates (Granite) | Martinsville, VA | A-1 |
| LSC1.01.704 | Luck Stone Co. (Diabase) | Leesburg, VA | A-1 |

List of Commercial Sources
Effective January 31, 2023
Page 13

| | | | |
|--------------------|--|-----------------------------|------------|
| LSC1.02.704 | Luck Stone Co. (Leesburg Plant) (Diabase) | Leesburg, VA | A-1 |
| SGI1.01.704 | Specialty Granules (Phylite) | Blueridge Summit, PA | A-1 |
| SSC1.01.704 | Salem Stone (Quartzite) | Sylvatus, VA | A-1 |
| VQC1.02.704 | New Enterprise Stone (Basalt) | Gettysburg, PA | A-1 |

A-1 RATING

The source is listed on the Division's "List of Commercial Sources". Material from this source may be used without further quality testing. Coverage for the use of this source material need only reference source report number documented on the Division's "List of Commercial Sources".

A-2 RATING

| | | | |
|--------------------|--|------------------------|------------|
| AAC1.03.704 | Aggregate Industries (Dolomite) | Millville, WV | A-2 |
| JIC1.01.704 | Jaymar, Inc. (Gravel) | Reedsville, OH | A-2 |
| MMA1.04.704 | Martin Marietta Aggregates (Gravel) | Apple Grove, OH | A-2 |
| MMC1.02.704 | Mountain Materials (Dolomite) | Carter City, KY | A-2 |
| MCS2.02.704 | Mulzer Stone (Dolomite) | Charlestown, IN | A-2 |
| PSG1.01.704 | Piketon Sand & Gravel (Gravel) | Piketon, OH | A-2 |
| PRS1.01.704 | Hanson Aggregates (Plum Run) (Dolomite) | Peebles, OH | A-2 |
| SMC1.02.704 | Shelly Materials (Willow Island/Reno) | Marietta, OH | A-2 |

(Gravel)

SSG1.01.704 Stocker Sand & Gravel Gnadenhutten, OH A-2

A-2 RATING

Although listed on the Division's "List of Commercial Sources", this source, when used for Item 402, needs further testing, i.e., carbonate or elemental magnesium content. Coverage for the quality (LA, soundness, deleterious) of the source material may reference source report number documented on the Division's "List of Commercial Sources". Coverage for carbonate or elemental magnesium content must reference the carbonate or elemental magnesium report number. Sampling for the above tests will be performed by District personnel before utilization and at a subsequent frequency of one sample per 10,000 tons utilized.

A-3 RATING

| | | | |
|--------------------|---|--------------------------|------------|
| JFA2.02.704 | Allen, J. F. (Limestone) | Elkins, WV | A-3 |
| JFA2.01.704 | Allen, J. F. (Mashey Gap Quarry) (Limestone) | Elkins, WV | A-3 |
| BSC2.01.704 | Greer Industries (Buckeye Stone) (Limestone) | Blaney Hollow, WV | A-3 |
| LAC1.01.704 | Laural Aggregates (Limestone) | Lake Lynn, PA | A-3 |
| SWV1.01.704 | Southern West Virginia Asphalt (Limestone) | Elkins, WV | A-3 |
| CSS1.01.704 | Cool Springs Stone Supply (Limestone) | Hopwood, PA | A-3 |
| KLC1.01.709 | Keystone Lime (Red) (Limestone) | Springs, PA | A-3 |

A-3 RATING

Although listed on the Division's "List of Commercial Sources", this source, when used for Item 402, must be sampled and approved per stockpile. Coverage for quality (LA, soundness, deleterious) and other qualifying skid criteria, if applicable, shall be based on sample results generated through stockpile sampling. Sampling may be performed by District and/or Central Division (Materials Control, Soils and Testing Division) personnel.

B-1 RATING

| | | | |
|-------------|--|---------------------|-----|
| LSC1.03.704 | Lucks Stone Co. (Granite) | Charlottesville, VA | B-1 |
| VMC1.01.704 | Vulcan Materials (Sanders Quarry) (Dolomite) | Warrenton, VA | B-1 |

B-1 RATING

This source is not listed on the Division's "List of Commercial Sources". Acceptance of this material shall be by the "Local Source" system of approval. That is, this source will be sampled for quality (LA, soundness, deleterious) by District personnel utilizing a sampling frequency of one sample for each 6 days of production. Because of the nature of this material, and its relationship to total production, further qualifying skid criteria is not required.

B-2 RATING

| | | | |
|--------------------|--|----------------------------|------------|
| GSG2.01.704 | Georgetown Sand & Gravel (Gravel) | Georgetown, PA | B-2 |
| KLC1.02.709 | Keystone Lime (Gray) (Limestone) | Springs, PA | B-2 |
| NES1.03.704 | New Enterprise Stone (Limestone) | Bakersville, PA | B-2 |
| NES1.02.704 | New Enterprise Stone (Limestone) | Roaring Springs, PA | B-2 |
| SSC2.01.704 | Shelly and Sands (Gravel) | Richmondale, OH | B-2 |

B-2 RATING

The source is not listed on the Division's "List of Commercial Sources". Acceptance of this material will be per stockpile. Coverage for quality (LA, soundness, deleterious) and other applicable qualifying skid criteria shall be based on sample results generated through stockpile sampling. Sampling may be performed by District and/or Central Division (MCS&T Division) personnel.

LIST OF LIGHTWEIGHT COARSE AGGREGATE FOR CONCRETE CONSTRUCTION

| <u>SOURCE CODE</u> | <u>COMPANY</u> | <u>PRODUCING SITE</u> | <u>TYPE MATERIAL</u> | <u>REPORT NUMBER</u> |
|--------------------|----------------|-----------------------|--|----------------------|
| SLA1.01.703 | Stalite | Gold Hill, NC | Stalite ¹ (Expanded Slate) | 2201908 |
| KSC1.01.703 | Arcosa | Brooks, KY | Solite ¹ (Expanded Shale) | 2202261 |

Lightweight Coarse Aggregate (LCA) from the above named company(ies) and producing site(s) have been sampled and tested in compliance with MP 700.00.01. Said tests have been evaluated with respect to the West Virginia Division of Highways Standard Specifications 2010, Section 703.5 Structural Concrete. ¹Source is on a stockpile by stockpile approval. When Stock pile is depleted, the source must be resampled and assigned a new approval number. ²Source pertains only to a yard stockpile. A bill of lading should be required. If District and/or Contractor personnel want additional sources evaluated, a request for pretest service should be made to the Materials Control, Soils and Testing Division (MCS&T Division). When the type and source of material which has current approval is used on a State job, District personnel should request coverage for same in the usual manner but a complete description of material source and quality check lab number must be provided.

Note 1: Sources sampled and tested this quarter and assigned new report numbers.

* Removed from list this quarter

** Added to list this quarter

*** Name change

**** Acceptable dolomite may be used alone or as a part of a coarse aggregate blend on roadways with a projected ESAL value of less than 3,000,000. On roadways with a projected ESAL value of 3,000,000 or greater, acceptable dolomite

List of Commercial Sources

Effective January 31, 2023

Page 21

***** may be used only as a part of the coarse aggregate blend and shall not exceed 50% of that blend.
***** The Source Rating has been changed.