

LIST OF COMMERCIAL SOURCES
EFFECTIVE: April 30, 2022
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 | 2102003 | R1 |
| | | | F. Agg-Limestone | 2102004 | R1 |
| GAI1.01.704 | Ace Aggregates | Philippi, WV | C. Agg-Limestone | 2101357 | R1 |
| | | | F. Agg-Limestone | 2101356 | R1 |
| AIC1.03.704 | Aggregate Industries (Dolomite) | Millville, WV | C. Agg-Limestone | 2100370 | R0 |
| | | | F. Agg-Limestone | 2100369 | R0 |
| AAC1.02.704 | Allegany Aggregates | Flintstone, MD | C. Agg-Limestone | 2101383 | R1 |
| | | | F. Agg- Limestone | 2101384 | R1 |
| AAC1.01.704 | Allegany Aggregates | Short Gap, WV | C. Agg-Limestone | 2101381 | R0 |
| | | | F. Agg-Limestone | 2101382 | R0 |
| JFA2.02.704 | Allen, J. F. | Elkins, WV | C. Agg-Limestone | 2103897 Note 1 | R1 |
| | | | F. Agg-Limestone | 2103896 Note 1 | R1 |
| JFA2.01.704 | Allen, J. F. (Mashey Gap Quarry) | Elkins, WV | C. Agg-Limestone | 2103894 Note 1 | R1 |
| | | | F. Agg-Limestone | 2103895 Note 1 | R1 |
| BSG1.01.704 | Belpre Sand & Gravel | Little Hocking, OH | C. Agg- Gravel | 2103600 | R1 |
| | | | F. Agg-Silica Sand | 2102012 | R1 |
| LCC1.02.704 | Martin Marietta | Warfordsburg, PA | C. Agg-Limestone | 2101079 | R1 |
| | | | F. Agg-Limestone | 2101078 | R1 |

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| <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> |
|---------------------------|----------------------------------|------------------------------|-----------------------------|-----------------------------|---|
| BAC1.02.704 | Appalachian Agg. of WV | Lewisburg, WV | C. Agg-Limestone | 2103884 Note 1 | R1 |
| | | | F. Agg-Limestone | 2103885 Note 1 | R1 |
| BAC1.03.704 | Appalachian Agg. of WV | Mill Point, WV | C. Agg-Limestone | 2103888 Note 1 | R1 |
| | | | F. Agg-Limestone | 2103889 Note 1 | R1 |
| BCS1.01.704 | Mountain Materials | Olive Hill, KY | C. Agg-Limestone | 2102001 | R1 |
| | | | F. Agg-Limestone | 2102002 | R1 |
| BSC2.01.704 | Greer Industries | Blaney Hollow, WV | C. Agg-Limestone | 2100519 | R1 |
| | | | F. Agg-Limestone | 2100520 | R1 |
| CLC1.03.704 | Carmeuse Lime | Maysville, KY | C. Agg-Limestone | 2101702 | R0 |
| | | | F. Agg-Limestone | 2101986 | R0 |
| CLC1.01.704 | Carmeuse Lime | Clearbrook, VA | C. Agg-Limestone | 2101092 | R1 |
| | | | F. Agg-Limestone | 2101091 | R1 |
| CLC1.02.704 | Carmeuse Lime | Strasburg, VA | C. Agg-Limestone | 2101994 | R2 |
| | | | F. Agg-Limestone | 2101993 | R2 |
| CSS1.01.704 | Cool Springs Stone Supply | Hopwood, PA | C. Agg-Limestone | 2100329 | R1 |
| CSI2.01.704 | Cranesville Stone | Cranesville, WV | C. Agg-Limestone | 2101373 | R1 |
| | | | F. Agg-Limestone | 2101374 | R1 |
| DEC1.01.704 | Dillon, E. & Co. | Swords Creek, VA | C. Agg-Limestone | 2101049 | R0 |
| | | | F. Agg-Limestone | 2101050 | R0 |

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| <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> |
|---------------------------|---|------------------------------|-----------------------------|-----------------------------|---|
| ERA1.01.704 | East River Aggregates | Princeton, WV | C. Agg-Limestone | 2004860 | R1 |
| | | | F. Agg-Limestone | 2004861 | R1 |
| FMC1.01.704 | Fairfax Materials | Arthur, WV | C. Agg-Limestone | 2101379 | R0 |
| | | | F. Agg-Limestone | 2101380 | R0 |
| FMC1.02.704 | Fairfax Materials | Scherr, WV | C. Agg-Limestone | 2101375 | R0 |
| | | | F. Agg-Limestone | 2101376 | R0 |
| FMC1.03.704 | Fairfax Materials | Thomas, WV | F. Agg-Silica (Man) | 2100526 | R1 |
| GIC1.02.704 | Greer Industries | Greer, WV | C. Agg-Limestone | 2100523 | R1 |
| | | | F. Agg-Limestone | 2101047 | R1 |
| GIC1.03.704 | Greer Industries (Deckers Creek) | Greer, WV | C. Agg-Limestone | 2100521 | R1 |
| | | | F. Agg-Limestone | 2100522 | R1 |
| GIC1.04.704 | Greer Industries (Cheat River) | Rowlesburg, WV | C. Agg-Limestone | 2100524 | R1 |
| | | | F. Agg-Limestone | 2100525 | R1 |
| GIC1.01.704 | Greer Lime (Germany Valley) | Riverton, WV | C. Agg-Limestone | 2101359 | R0 |
| | | | F. Agg-Limestone | 2101358 | R0 |
| HMC1.01.703 | Haydon Materials | Battletown, KY | C. Agg-Limestone | 2101698 | R0 |
| | | | F. Agg-Limestone | 2101982 | R0 |
| HBB1.01.704 | Hilltop (Big Bend Quarry) | Battletown, KY | C. Agg-Limestone | 2101699 | R0 |
| | | | F. Agg-Limestone | 2101983 | R0 |
| HBR1.01.704 | Hilltop Basic Resources | Patriot, IN | C. Agg-Gravel | 2101680 | R1 |
| | | | F. Agg-Silica Sand | 2101679 | R1 |

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| <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> |
|--------------------|--------------------------------------|-------------------------------------|----------------------|----------------------|----------------------------------|
| IQC1.01.704 | Inwood Quarry | Inwood, WV | C. Agg-Limestone | 2101084 | R1 |
| | | | F. Agg-Limestone | 2101090 | R1 |
| JIC1.01.704 | Jaymar, Inc. | Reedsville, OH | C. Agg-Gravel | 2102014 | R1 |
| | | | F. Agg-Silica Sand | 2102009 | R1 |
| KLC1.02.709 | Keystone Lime | Springs, PA | C. Agg-Limestone | 2101377 | R2 |
| | | | F. Agg-Limestone | 2101378 | R2 |
| LLL1.01.704 | Latham Stone | Latham, OH | C. Agg-Limestone | 2102884 | R0 |
| | | | F. Agg-Limestone | 2102868 | R0 |
| LAC1.01.704 | Laural Aggregates | Lake Lynn, PA | C. Agg-Limestone | 2100327 | R1 |
| LSG1.01.704 | Letart Sand & Gravel | Gallipolis Ferry, WV | C. Agg-Gravel | 2102492 | R1 |
| | | | F. Agg-Silica Sand | 2102493 | R1 |
| LSC1.01.704 | Lucks Stone Co. | Leesburg, VA (Goose Creek Plant) | C. Agg-Diabase | 2101089 | R0 |
| LSC1.02.704 | Lucks Stone Co. (Leesburg Plant) | Leesburg, VA | C. Agg-Diabase | 2101088 | R0 |
| MMA1.04.704 | Martin Marietta Aggregates | Apple Grove, OH | C. Agg-Gravel | 2102008 | R0 |
| | | | F. Agg-Silica Sand | 2102011 | R0 |
| MMA1.05.704 | Martin Marietta Aggregates | Boonesboro, MD | C. Agg-Limestone | 2101083 | R0 |
| | | | F. Agg-Limestone | 2101082 | R0 |
| MMA1.02.704 | Martin Marietta (Burning Springs) | Petroleum, WV | C. Agg-Limestone | 2102451 | R0 |
| | | | F. Agg-Limestone | 2102452 | R0 |

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| <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> |
|---------------------------|---------------------------------------|------------------------------|------------------------------------|-----------------------------|---|
| MMA1.03.704 | Martin Marietta Aggregates | Pinesburg, MD | C. Agg-Limestone | 2101081 | R0 |
| | | | F. Agg-Limestone | 2101080 | R0 |
| MMC2.01.704 | Maryland Minerals | Accident, MD | F. Agg-Silica Sand Manufactured | 2004890 | R1 |
| MSP1.01.704 | Meadows Stone & Paving | Monterville, WV | C. Agg-Limestone | 2103890 Note 1 | R1 |
| | | | F. Agg-Limestone | 2103891 Note 1 | R1 |
| MCS1.01.704 | Appalachian Aggregates | Princeton, WV | C. Agg-Limestone | 2100527 | R0 |
| | | | F. Agg-Limestone | 2100528 | R2 |
| MSG1.01.704 | Midvale Sand & Gravel | Midvale, OH | C. Agg-Gravel | 2102480 | R1 |
| | | | F. Agg-Silica Sand | 2102481 | R1 |
| 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 | 2101391 | R1 |
| | | | F. Agg-Limestone | 2101392 | R1 |
| MCS3.01.704 | New Enterprise | Mt. Cydonia, PA | F. Agg-Silica Sand | 2101077 | R1 |
| MMC1.01.704 | Mountain Materials (Valley Quarry) | Olive Hill, KY | C. Agg-Limestone | 2102001 | R0 |
| | | | F. Agg-Limestone | 2102002 | R0 |

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| <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> |
|---------------------------|---------------------------------------|------------------------------|-----------------------------|-----------------------------|---|
| MCS2.01.704 | Mulzer Stone | Cape Sandy, IN | C. Agg-Limestone | 2101696 | R0 |
| | | | F. Agg-Limestone | 2101981 | R0 |
| MCS2.02.704 | Mulzer Stone (Dolomite) | Charlestown, IN | C. Agg-Limestone | 2101701 | R1 |
| | | | F. Agg-Limestone | 2101985 | R1 |
| MCS2.03.704 | Mulzer Stone | New Amsterdam, IN | C. Agg-Limestone | 2101700 | R2 |
| | | | F. Agg-Limestone | 2101984 | R2 |
| NLS1.01.704 | National Lime and Stone | Carey, OH | C. Agg-Limestone | 2102469 | R0 |
| | | | F. Agg-Limestone | 2102470 | R0 |
| NES1.01.704 | New Enterprise Stone | Everett, PA | C. Agg-Limestone | 2101074 | R1 |
| | | | F. Agg-Limestone | 2101073 | R1 |
| NSG1.01.704 | Nugent Sand & Gravel | Milton, KY | C. Agg-Gravel | 2101682 | R0 |
| | | | F. Agg-Silica Sand | 2101681 | R0 |
| PSG1.01.704 | Piketon Sand & Gravel | Piketon, OH | C. Agg-Gravel | 2102869 | R1 |
| | | | F. Agg-Silica Sand | 2102871 | R1 |
| PRS1.01.704 | Hanson Aggregates (Plum Run Stone) | Peebles, OH | C. Agg-Limestone | 2102872 | R0 |
| | | | F. Agg-Limestone | 2102873 | R0 |
| PMQ1.02.704 | Appalachian Aggregates | Pounding Mill, VA | C. Agg-Limestone | 2101051 | R1 |
| | | | F. Agg-Limestone | 2101048 | R1 |

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| <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> |
|--------------------|--|-----------------------|----------------------|----------------------|----------------------------------|
| PMQ1.01.704 | Appalachian Aggregates | Bluefield, VA | C. Agg-Limestone | 2101353 | R0 |
| | | | F. Agg-Limestone | 2101094 | R0 |
| PMQ1.03.704 | Rocky Gap Quarry | Rocky Gap, VA | C. Agg-Limestone | 2100530 | R1 |
| | | | F. Agg-Limestone | 2100531 | R1 |
| RBS1.01.704 | RBS Quarry | Lewisburg, WV | C. Agg-Limestone | 2103886 Note 1 | R1 |
| | | | F. Agg-Limestone | 2103887 Note 1 | R1 |
| RFS1.01.702 | Aggregate Industries | King George, VA | F. Agg.-Silica Sand | 2101366 | R0 |
| RSC1.01.704 | Yager Materials | Wolf Creek, KY | C. Agg-Limestone | 2101697 | R0 |
| | | | F. Agg-Limestone | 2101981 | R0 |
| SSC1.01.704 | Salem Stone (Quartzite) | Sylvatus, VA | C. Agg-Quartzite | 2100532 | R1 |
| | | | F. Agg-Quartzite | 2100533 | R1 |
| SMC1.02.704 | Shelly Materials (Willow Island/Reno) | Marietta, OH | C. Agg-Gravel | 2102471 | R0 |
| | | | F. Agg-Silica Sand | 2102472 | R1 |
| SMC1.01.704 | Shelly Materials (Portland Plant) | Portland, OH | C. Agg-Gravel | 2102010 | R1 |
| | | | F. Agg-Silica Sand | 2102007 | R0 |
| SCS1.01.704 | South Central Sand and Gravel | Piketon, OH | C. Agg-Gravel | 2102869 | R1 |
| | | | F. Agg.-Silica Sand | 2102871 | R1 |
| SWV1.01.704 | Appalachian Aggregates | Elkins, WV | C. Agg-Limestone | 2100340 | R1 |
| | | | F. Agg-Limestone | 2100341 | R1 |

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| <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> |
|---------------------------|-----------------------|------------------------------|-----------------------------|-----------------------------|---|
| SSG1.01.704 | Stocker Sand & Gravel | Gnadenhutten, OH | C. Agg-Gravel | 2102483 | R1 |
| | | | F. Agg-Silica Sand | 2102482 | R1 |
| SMP2.01.704 | Stuart M. Perry | Winchester, VA | C. Agg-Limestone | 2101397 | R1 |
| | | | F. Agg-Limestone | 2101398 | R1 |
| SMP2.02.704 | Stuart M. Perry | Berryville, VA | C. Agg-Limestone | 2101087 | R0 |
| | | | F. Agg-Limestone | 2101086 | R0 |
| VQC1.01.704 | New Enterprise Stone | Chambersburg, PA | C. Agg-Limestone | 2101076 | R1 |
| | | | F. Agg-Limestone | 2101075 | R1 |
| VQC1.02.704 | New Enterprise Stone | Gettysburg, PA | C. Agg-Dolomite | 2101072 | R1 |
| | | | F. Agg-Dolomite | 2101071 | R1 |
| VMC1.01.704 | Vulcan Materials | Warrenton, VA | C. Agg- Basalt | 2101085 | R1 |
| | | | F. Agg- Basalt | 2101093 | R1 |
| WSC1.01.704 | Wythe Stone | Wytheville, VA | C. Agg-Limestone | 2101045 | R1 |
| | | | F. Agg-Silica | 2101046 | R1 |

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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 F. Agg-Sandstone | 2101353 2101094 | R1 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.

- * 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.

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.

Note 4:

These samples, and their respective Laboratory Report Numbers, have not been updated as of the publication of this list due to the circumstances surrounding the current situation with the novel Covid19 virus. The current Numbers will be used for all aggregate authorizations until further notice or the next published list. For further information contact David Matics at 304-414-6634 or David.B.Matics@wv.gov AND Jim Valleau at 304-414-6665 or James.L.Valleau@wv.gov.

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 |
| LSC1.02.704 | Luck Stone Co. (Leesburg Plant) (Diabase) | Leesburg, VA | A-1 |

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|--------------------|--|-----------------------|------------|
| MSC1.01.704 | Mountain Slag (Slag) | Greenup, KY | 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) (Gravel) | Marietta, OH | A-2 |

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| | | | |
|--------------------|---|-------------------------|------------|
| SSG1.01.704 | Stocker Sand & Gravel (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 FINE AGGREGATE FOR CONCRETE CONSTRUCTION

| <u>SOURCE CODE</u> | <u>COMPANY</u> | <u>PRODUCING SITE</u> | <u>TYPE MATERIAL</u> | <u>REPORT NUMBER</u> |
|-------------------------------|-----------------------|------------------------------|-----------------------------|---------------------------------|
|-------------------------------|-----------------------|------------------------------|-----------------------------|---------------------------------|

Lightweight Fine Aggregate (LFA) 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 Special Provisions, Section 601, Structural Concrete Internal Curing. 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.

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) | 2004870 |
| KSC1.01.703 | Arcosa | Brooks, KY | Solite ¹ (Expanded Shale) | 2101979 |

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 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.