



WEST VIRGINIA DEPARTMENT OF TRANSPORTATION

Division of Highways

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Earl Ray Tomblin
Governor

Paul A. Mattox, Jr., P. E.
Secretary of Transportation/
Commissioner of Highways

October 23, 2012

MEMORANDUM

TO: ALL DISTRICT MATERIALS SUPERVISORS

FROM: DM *P-7*

**SUBJECT: APPROVED LIST FOR COMMERCIAL AGGREGATE SOURCES AND
LIST FOR POTENTIAL SKID RESISTANT SOURCES**

Attached are the approved "List of Commercial Sources" and "List of Potential Skid Resistant Sources" for aggregate, effective October 15, 2012.

These lists are updated every three months and subject to change with addenda as needed.

Should you require additional information, please contact Mr. James Valleau at (304) 558-9877.

ACG:Mvs

Attachments

**cc: DM – Dave Matics, Roy Capper, Mike Mance, Jim Fisher, Stu Groves,
James Valleau, Steve Collins, Dan Brayack
DC – Pat Darby**

LIST OF COMMERCIAL SOURCES**EFFECTIVE: October 23, 2012****ATTENTION: ALL DISTRICTS****LIST OF SOURCES CHECKED UNDER ARTICLE 703.2 OF THE 2002 CONSTRUCTION MANUAL FOR QUALITY CONTROL OF COMMERCIAL SOURCES, NOTE 4.**

<u>SOURCE CODE</u>	<u>COMPANY</u>	<u>PRODUCING SITE</u>	<u>TYPE MATERIAL</u>	<u>REPORT NUMBER</u>
A298A	"AA" Quarry	Grayson, KY	C. Agg-Limestone F. Agg-Limestone	1407441 1407442
M361A	Aggregate Industries (Mid-Atlantic)	King George, VA	F. Agg-Silica Sand	1407908
A010A	Aggregate Industries	La Plata, MD	F. Agg-Silica Sand	1407909
M226A	Aggregate Industries	Millville, WV	C. Agg-Limestone (Dolomite) F. Agg-Limestone	1407910 1407911
F011A	Allegany Aggregates	Short Gap, WV	C. Agg-Limestone F. Agg-Limestone	1427367 Note 1 1427368 Note 1
A007A	Allen, J. F.	Elkins, WV	C. Agg-Limestone F. Agg-Limestone	1427213 1427214
A007E	Allen, J. F. (Mashey Gap Quarry)	Elkins, WV	C. Agg-Limestone F. Agg-Limestone	1427211 1427212
B010A	Belpre Sand & Gravel	Little Hocking, OH	C. Agg- Gravel F. Agg-Silica Sand	1427564 Note 1 1427565 Note 1
G079A	Boxley Aggregates	Lewisburg, WV (Lewisburg Plant)	C. Agg-Limestone F. Agg-Limestone	1407672 1407673
B026A	Boxley Aggregates (Mill Point Plant)	Mill Point, WV	C. Agg-Limestone F. Agg-Limestone	1407674 1407675
B375A	Brushey Creek Stone	Olive Hill, KY	C. Agg-Limestone F. Agg-Limestone	1427464 Note 1 1427465 Note 1
B1660	Buckeye Stone	Blaney Hollow, WV	C. Agg-Limestone F. Agg-Limestone	1427200 1427201
D113A	Carmeuse Lime	Maysville, KY	C. Agg-Limestone F. Agg-Limestone	1427659 Note 1 1427660 Note 1
F093A	Carmeuse Lime (Chemstone)	Clearbrook, VA	C. Agg-Limestone F. Agg-Limestone	1427369 Note 1 1427370 Note 1

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<u>SOURCE CODE</u>	<u>COMPANY</u>	<u>PRODUCING SITE</u>	<u>TYPE MATERIAL</u>	<u>REPORT NUMBER</u>
C410A	Carmeuse Lime (Chemstone)	Strasburg, VA	C. Agg-Limestone F. Agg-Limestone	1427371 Note 1 1427372 Note 1
M027H	Cool Springs Stone Supply	Hopwood, PA	C. Agg-Limestone F. Agg-Limestone	1427197 1427198
J0280	Dillon, E. & Co.	Swords Creek, VA	C. Agg-Limestone F. Agg-Limestone	1427259 1427260
S172D	Fairfax Materials (Ours Quarry)	Arthur, WV	C. Agg-Limestone F. Agg-Limestone	1427373 Note 1 1427374 Note 1
F011C	Fairfax Materials (Scherr Quarry)	Scherr, WV	C. Agg-Limestone F. Agg-Limestone	1427375 Note 1 1427376 Note 1
F0110	Fairfax Materials (Sand Plant)	Thomas, WV	F. Agg-Silica Sand Manufactured	1427208
G0120	Greer Industries	Greer, WV	C. Agg-Limestone F. Agg-Limestone	1427204 1427205
G012D	Greer Industries (Deckers Creek)	Greer, WV	C. Agg-Limestone F. Agg-Limestone	1427202 1427203
M2140	Greer Industries (Cheat River Lmst)	Rowlesburg, WV	C. Agg-Limestone F. Agg-Limestone	1427206 1427207
G012B	Greer Lime (Germany Valley)	Riverton, WV	C. Agg-Limestone F. Agg-Limestone	1427377 Note 1 1427378 Note 1
G175A	Grimes Sand & Gravel	New Matamoras, OH	F. Agg-Silica Sand	147831 Note 1
D123A	Hanson Aggregates	New Kensington, PA	C. Agg-Gravel	1427196
M288A	Hilltop (Big Bend Quarry)	Battletown, KY	C. Agg-Limestone F. Agg-Limestone	1427671 Note 1 1427672 Note 1
H0550	Hilltop Basic Resources	Patriot, IN	C. Agg-Gravel F. Agg-Silica Sand	1427661 Note 1 1427662 Note 1
I0060	Inwood Quarry	Inwood, WV	C. Agg-Limestone F. Agg-Limestone	1427379 Note 1 1427380 Note 1

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<u>SOURCE CODE</u>	<u>COMPANY</u>	<u>PRODUCING SITE</u>	<u>TYPE MATERIAL</u>	<u>REPORT NUMBER</u>
L001A	Jaymar, Inc.	Reedsville, OH	C. Agg-Gravel F. Agg-Silica Sand	1407443 1407444
K113A	Aggregate Industries (Ennstone Lime)	Maysville, WV	C. Agg-Limestone F. Agg- Limestone	1427387 Note 1 1427388 Note 1
M022B	Lafarge Mid-Atlantic	Warfordsburg, PA	C. Agg-Limestone	1407912
L096C	Laural Aggregates (Lake Lynn Quarry)	Lake Lynn, PA	C. Agg-Limestone	1427199
E006A	Letart Sand & Gravel	Gallipolis Ferry, WV	C. Agg-Gravel F. Agg-Silica Sand	1407445 1407446
V001A	Lucks Stone Co. (Goose Creek Plant)	Leesburg, VA	C. Agg-Diabase	1407913
L133A	Lucks Stone Co. (Leesburg Plant)	Leesburg, VA	C. Agg-Diabase	1407914
T012B	Martin Marietta Aggregates	Apple Grove, OH	C. Agg-Gravel F. Agg-Silica Sand	1407447 1405360
M027J	Martin Marietta Aggregates	Boonesboro, MD	C. Agg-Limestone F. Agg-Limestone	1407916 1407917
M043A	Martin Marietta (Burning Springs)	Petroleum, WV	C. Agg-Limestone F. Agg-Limestone	1427567 Note 1 1427568 Note 1
M027I	Martin Marietta Aggregates	Pinesburg, MD	C. Agg-Limestone F. Agg-Limestone	1407918 1407919
D003I	Martin Marietta (Three Rivers)	Smithland, KY	C. Agg-Limestone F. Agg-Limestone	1427675 Note 1 1427676 Note 1
M277B	Maryland Minerals	Accident, MD	F. Agg-Silica Sand Manufactured	1407920
H160B	Meadows Stone & Paving	Monterville, WV	C. Agg-Limestone F. Agg-Limestone	1407676 1407677

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<u>SOURCE CODE</u>	<u>COMPANY</u>	<u>PRODUCING SITE</u>	<u>TYPE MATERIAL</u>	<u>REPORT NUMBER</u>
M154A	Mercer Crushed Stone	Princeton, WV	C. Agg-Limestone F. Agg-Limestone	1427261 1427262
E099A	Midvale Sand & Gravel	Midvale, OH	C. Agg-Gravel F. Agg-Silica Sand	1427569 Note 1 1427570 Note 1
E0380	Mountain Aggregates	Elkhorn City, KY	C. Agg-Limestone F. Agg-Limestone	1427253 1427254
P339A	Mountain Aggregates (Pine Mtn. Quarry)	Jenkins, KY	C. Agg-Limestone F. Agg-Limestone	1427255 1427256
M0490	Mount Cydonia Sand	Fayetteville, PA	F. Agg-Silica Sand	1407915
S044F	Mountain Materials	Carter City, KY	C. Agg-Limestone F. Agg-Limestone	1407449 1407450
M378A	Mountain Materials (Valley Quarry)	Olive Hill, KY	C. Agg-Limestone F. Agg-Limestone	1407350 1407351
M365A	Mountain Slag	Greenup, KY	C. Agg-Slag F. Agg-Slag	1407451 1407452
M289A	Mulzer Stone	Cape Sandy, IN	C. Agg-Limestone F. Agg-Limestone	1427667 Note 1 1427668 Note 1
M027E	Mulzer Stone	Charlestown, IN	C. Agg-Limestone F. Agg-Limestone	1427665 Note 1 1427666 Note 1
M289C	Mulzer Stone	New Amsterdam, IN	C. Agg-Limestone F. Agg-Limestone	1427669 Note 1 1427670 Note 1
M257A	Rockydale Aggregates (CS Mundy)	Broadway, VA	C. Agg-Limestone F. Agg-Limestone	1427381 Note 1 1427382 Note 1
M257B	Rockydale Aggregates (CS Mundy)	Timberville, VA	C. Agg-Limestone F. Agg-Limestone	1427383 Note 1 1427384 Note 1
N112A	National Lime and Stone Carey, OH		C. Agg-Limestone F. Agg-Limestone	1407301 1407302
N053A	New Enterprise Stone (Ashcom)	Everett, PA	C. Agg-Limestone F. Agg-Limestone	1407921 1407922

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<u>SOURCE CODE</u>	<u>COMPANY</u>	<u>PRODUCING SITE</u>	<u>TYPE MATERIAL</u>	<u>REPORT NUMBER</u>
M027C	Nugent Sand & Gravel	Milton, KY	C. Agg-Gravel F. Agg-Silica Sand	1427663 Note 1 1427664 Note 1
S044A	Piketon Sand & Gravel	Piketon, OH	C. Agg-Gravel F. Agg-Silica Sand	1407453 1407454
P1560	Plum Rum Stone Company	Peebles, OH	C. Agg-Limestone F. Agg-Limestone	1407455 1407456
P020A	Pounding Mill Quarry No. 1	Pounding Mill, VA	C. Agg-Limestone F. Agg-Limestone	1427263 1427264
P020B	Pounding Mill Quarry No. 2	Bluefield, VA	C. Agg-Limestone F. Agg-Limestone	1427265 1427266
P127A	Pounding Mill Quarry No. 3	Rocky Gap, VA	C. Agg-Limestone F. Agg-Limestone	1427267 1427268
S011B	RBS Quarry (Greystone)	Lewisburg, WV	C. Agg-Limestone F. Agg-Limestone	1407678 1407679
R1020	Riverside Stone	Wolf Creek, KY	C. Agg-Limestone F. Agg-Limestone	1427673 Note 1 1427674 Note 1
M312A	Salem Stone	Sylvatus, VA	C. Agg-Quartzite F. Agg-Quartzite	1427269 1427830
S300B	Shelly Materials (Willow Island)	Marietta, OH	C. Agg-Gravel F. Agg-Silica Sand	1427571 Note 1 1427572 Note 1
S301B	Shelly Materials (Portland Plant)	Portland, OH	C. Agg-Gravel F. Agg-Silica Sand	1407440 1407439
W115A	Southern West Virginia Asphalt (Kelly Mountain)	Elkins, WV	C. Agg-Limestone F. Agg-Limestone	1427209 1427210
S306A	Stocker Sand & Gravel	Gnadenhutten, OH	C. Agg-Gravel F. Agg-Silica Sand	1427573 Note 1 1427574 Note 1
P0160	Stuart M. Perry	Winchester, VA	C. Agg-Limestone F. Agg-Limestone	1427385 Note 1 1427386 Note 1

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<u>SOURCE CODE</u>	<u>COMPANY</u>	<u>PRODUCING SITE</u>	<u>TYPE MATERIAL</u>	<u>REPORT NUMBER</u>
S123A	Subtropolis Mining Co.	Petersburg, OH	C. Agg-Limestone F. Agg-Limestone	1427575 Note 1 1427576 Note 1
S044E	Tube City/IMS	Mingo Junction, OH	C. Agg-Slag F. Agg-Slag	1406961 1406962
V067C	Valley Quarries	Chambersburg, PA	C. Agg-Limestone F. Agg-Limestone	1407923 1407924
W271A	Waterloo Coal Co.	Oak Hill, OH	C. Agg-Limestone F. Agg-Limestone	1407438 1407437
W221A	Wythe Stone	Wytheville, VA	C. Agg-Limestone F. Agg-Limestone F. Agg-Silica Sand Manufactured	1427270 1427271 1427272

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

THE FOLLOWING SOURCES 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>
B219A	Boxley Aggregates (Beckley Plant)	Beckley, WV	C. Agg-Sandstone F. Agg-Sandstone	1427257 1427258

Aggregate from the above named companies and producing sites have been sampled and tested in compliance with the 2002 Construction Manual. Said tests have been evaluated with respect to the Standard Specifications 2010 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

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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.

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" issued April 21, 2011 attached.

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.

<u>SOURCE CODE</u>	<u>COMPANY</u>	<u>PRODUCING SITE</u>	<u>SOURCE RATING</u>
A007A	Allen, J. F.	Elkins, WV	A-3
A007E	Allen, J. F. (Mashey Gap Quarry)	Elkins, WV	A-3
B219A	Boxley Aggregates (Beckley Plant)	Beckley, WV	A-1
B1660	Greer Industries (Buckeye Stone)	Blaney Hollow, WV	A-3
M027H	Cool Springs Stone Supply	Hopwood, PA	A-1
D003F	Georgetown Sand & Gravel	Georgetown, PA	B-2
D123A	Hanson Aggregates	New Kensington, PA	A-2
L001A	Jaymar, Inc.	Reedsville, OH	A-2
K0500	Keystone Lime (Grey)	Springs, PA	B-1
K050A	Keystone Lime (Red)	Springs, PA	B-2

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<u>SOURCE CODE</u>	<u>COMPANY</u>	<u>PRODUCING SITE</u>	<u>SOURCE RATING</u>
L096C	Laural Aggregates (Lake Lynn Quarry)	Lake Lynn, PA	A-3
L133B	Lucks Stone Co.	Charlottesville, VA	B-1
V001A	Lucks Stone Co. (Goose Creek Plant)	Leesburg, VA	A-1
L133A	Lucks Stone Co. (Leesburg Plant)	Leesburg, VA	A-1
T012B	Martin Marietta Aggregates	Apple Grove, OH	A-2
H160B	Meadows Stone & Paving	Monterville, WV	A-3
M0490	Mount Cydonia	Fayetteville, PA	A-1
S044F	Mountain Materials	Carter City, KY	A-2
M365A	Mountain Slag	Greenup, KY	A-1
M027E	Mulzer Stone	Charlestown, IN	A-2
	New Centerville Stone	New Centerville, PA	B-1
	New Enterprise Stone	Bakersville, PA	B-2
N0530	New Enterprise Stone	Roaring Springs, PA	B-2
S044A	Piketon Sand & Gravel	Piketon, OH	A-2
P1560	Plum Run Stone	Peebles, OH	A-2
M312A	Salem Stone	Sylvatus, VA	A-1
S300B	Shelly Materials (Willow Island)	Marietta, OH	A-2
M1870	Shelly and Sands	Richmondale, OH	B-2

<u>SOURCE CODE</u>	<u>COMPANY</u>	<u>PRODUCING SITE</u>	<u>SOURCE RATING</u>
W115A	Southern West Virginia Asphalt (Kelly Mountain)	Elkins, WV	A-3
S306A	Stocker Sand & Gravel	Gnadenhutten, OH	A-2
S044E	Tube City (IMS)	Mingo Junction, OH	A-1
V067D	Valley Quarries	Gettysburg, PA	B-1
V042B	Vulcan Materials (Sanders Quarry)	Warrenton, VA	B-1

* 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.

RATING DESCRIPTION

- A-1 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 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 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.

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- B-1** 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** 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.