



WEST VIRGINIA DEPARTMENT OF TRANSPORTATION

Division of Highways

1900 Kanawha Boulevard East • Building Five • Room 110
Charleston, West Virginia 25305-0430 • (304) 558-3505

Earl Ray Tomblin
Governor

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

February 6, 2014

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 February 4, 2014.

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, Greg Bradford,
James Valleau, Steve Collins, Dan Brayack
DC – Debbie Holliday**

LIST OF COMMERCIAL SOURCES

EFFECTIVE: February 4, 2014

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	1430981 Note 1 1430982 Note 1
A010A	Aggregate Industries	La Plata, MD	F. Agg-Silica Sand	1430399
M226A	Aggregate Industries (Dolomite)	Millville, WV	C. Agg-Limestone F. Agg-Limestone	1430395 1430396
F011A	Allegany Aggregates	Short Gap, WV	C. Agg-Limestone F. Agg-Limestone	1430614 1430615
A007A	Allen, J. F.	Elkins, WV	C. Agg-Limestone F. Agg-Limestone	1429991 1429992
A007E	Allen, J. F. (Mashey Gap Quarry)	Elkins, WV	C. Agg-Limestone F. Agg-Limestone	1429988 1429989
B010A	Belpre Sand & Gravel	Little Hocking, OH	C. Agg- Gravel F. Agg-Silica Sand	1430732 1430733
G079A	Boxley Aggregates	Lewisburg, WV (Lewisburg Plant)	C. Agg-Limestone F. Agg-Limestone	1429983 1429990
B026A	Boxley Aggregates (Mill Point Plant)	Mill Point, WV	C. Agg-Limestone F. Agg-Limestone	1429979 1429980
B375A	Brushey Creek Stone	Olive Hill, KY	C. Agg-Limestone F. Agg-Limestone	1430983 Note 1 1431353 Note 1
B1660	Buckeye Stone	Blaney Hollow, WV	C. Agg-Limestone F. Agg-Limestone	1430259 1430260
D113A	Carmeuse Lime	Maysville, KY	C. Agg-Limestone F. Agg-Limestone	1430805 1430806
F093A	Carmeuse Lime (Chemstone)	Clearbrook, VA	C. Agg-Limestone F. Agg-Limestone	1430556 1430567

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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	1430557
			F. Agg-Limestone	1430566
M027H	Cool Springs Stone Supply	Hopwood, PA	C. Agg-Limestone	1430269
			F. Agg-Limestone	1430270
J0280	Dillon, E. & Co.	Swords Creek, VA	C. Agg-Limestone	1430133
			F. Agg-Limestone	1430134
S172D	Fairfax Materials (Ours Quarry)	Arthur, WV	C. Agg-Limestone	1430618
			F. Agg-Limestone	1430619
F011C	Fairfax Materials (Scherr Quarry)	Scherr, WV	C. Agg-Limestone	1430616
			F. Agg-Limestone	1430617
F0110	Fairfax Materials (Sand Plant)	Thomas, WV	F. Agg-Silica Sand Manufactured	1430258
G0120	Greer Industries	Greer, WV	C. Agg-Limestone	1430263
			F. Agg-Limestone	1430264
G012D	Greer Industries (Deckers Creek)	Greer, WV	C. Agg-Limestone	1430261
			F. Agg-Limestone	1430262
M2140	Greer Industries (Cheat River Lmst)	Rowlesburg, WV	C. Agg-Limestone	1430267
			F. Agg-Limestone	1430268
G012B	Greer Lime (Germany Valley)	Riverton, WV	C. Agg-Limestone	1430620
			F. Agg-Limestone	1430621
G175A	Grimes Sand & Gravel	New Matamoras, OH	F. Agg-Silica Sand	1430913
D123A	Hanson Aggregates	New Kensington, PA	C. Agg-Gravel	1430257
M288A	Hilltop (Big Bend Quarry)	Battletown, KY	C. Agg-Limestone	1430807
			F. Agg-Limestone	1430808
H0550	Hilltop Basic Resources	Patriot, IN	C. Agg-Gravel	1430809
			F. Agg-Silica Sand	1430810
I0060	Inwood Quarry	Inwood, WV	C. Agg-Limestone	1430558
			F. Agg-Limestone	1430565

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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	1431194 Note 1 1431195 Note 1
K113A	Aggregate Industries (Ennstone Lime)	Maysville, WV	C. Agg-Limestone F. Agg- Limestone	1430622 1430623
L096C	Laural Aggregates (Lake Lynn Quarry)	Lake Lynn, PA	C. Agg-Limestone F. Agg.-Limestone	1430265 1430266
E006A	Letart Sand & Gravel	Gallipolis Ferry, WV	C. Agg-Gravel F. Agg-Silica Sand	1431188 Note 1 1431189 Note 1
V001A	Lucks Stone Co. (Goose Creek Plant)	Leesburg, VA	C. Agg-Diabase	1430397
L133A	Lucks Stone Co. (Leesburg Plant)	Leesburg, VA	C. Agg-Diabase	1430398
T012B	Martin Marietta Aggregates	Apple Grove, OH	C. Agg-Gravel F. Agg-Silica Sand	1431190 Note 1 1431191 Note 1
M027J	Martin Marietta Aggregates	Boonesboro, MD	C. Agg-Limestone F. Agg-Limestone	1430477 1430476
M043A	Martin Marietta (Burning Springs)	Petroleum, WV	C. Agg-Limestone F. Agg-Limestone	1430736 1430912
M027I	Martin Marietta Aggregates	Pinesburg, MD	C. Agg-Limestone F. Agg-Limestone	1430484 1430485
D003I	LaFarge (Three Rivers)	Smithland, KY	C. Agg-Limestone F. Agg-Limestone	1430811 1430812
M277B	Maryland Minerals	Accident, MD	F. Agg-Silica Sand Manufactured	1430478
H160B	Meadows Stone & Paving	Monterville, WV	C. Agg-Limestone F. Agg-Limestone	1429984 1429985

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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	1430131 1430132
E0380	Mountain Aggregates	Elkhorn City, KY	C. Agg-Limestone F. Agg-Limestone	1430991 Note 1 1430992 Note 1
P339A	Mountain Aggregates (Pine Mtn. Quarry)	Jenkins, KY	C. Agg-Limestone F. Agg-Limestone	1430993 Note 1 1430994 Note 1
M0490	Mount Cydonia Sand	Fayetteville, PA	F. Agg-Silica Sand	1430483
S044F	Mountain Materials	Carter City, KY	C. Agg-Limestone F. Agg-Limestone	1430985 Note 1 1430986 Note 1
M378A	Mountain Materials (Valley Quarry)	Olive Hill, KY	C. Agg-Limestone F. Agg-Limestone	1430987 Note 1
M365A	Mountain Slag	Greenup, KY	C. Agg-Slag F. Agg-Slag	1430989 Note 1 1430990 Note 1
M289A	Mulzer Stone	Cape Sandy, IN	C. Agg-Limestone F. Agg-Limestone	1430813 1430814
M027E	Mulzer Stone	Charlestown, IN	C. Agg-Limestone F. Agg-Limestone	1430815 1430816
M289C	Mulzer Stone	New Amsterdam, IN	C. Agg-Limestone F. Agg-Limestone	1430817 1430818
M257A	Rockydale Aggregates (CS Mundy)	Broadway, VA	C. Agg-Limestone F. Agg-Limestone	1430561 1430562
M257B	Rockydale Aggregates (CS Mundy)	Timberville, VA	C. Agg-Limestone F. Agg-Limestone	1430559 1430564
N112A	National Lime and Stone	Carey, OH	C. Agg-Limestone F. Agg-Limestone	1431335 Note 1 1431181 Note 1
N053A	New Enterprise Stone (Ashcom)	Everett, PA	C. Agg-Limestone F. Agg-Limestone	1430481 1430482

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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	1430819 1430820
S044A	Piketon Sand & Gravel	Piketon, OH	C. Agg-Gravel F. Agg-Silica Sand	1431184 Note 1 1431185 Note 1
P1560	Plum Run Stone Company	Peebles, OH	C. Agg-Limestone F. Agg-Limestone	1431182 Note 1 1431334 Note 1
P020A	Pounding Mill Quarry No. 1	Pounding Mill, VA	C. Agg-Limestone F. Agg-Limestone	1430121 1430118
P020B	Pounding Mill Quarry No. 2	Bluefield, VA	C. Agg-Limestone F. Agg-Limestone	1430125 1430126
P127A	Pounding Mill Quarry No. 3	Rocky Gap, VA	C. Agg-Limestone F. Agg-Limestone	1430127 1430128
S011B	RBS Quarry (Greystone)	Lewisburg, WV	C. Agg-Limestone F. Agg-Limestone	1429981 1429982
R1020	Riverside Stone	Wolf Creek, KY	C. Agg-Limestone F. Agg-Limestone	1430821 1430822
M312A	Salem Stone	Sylvatus, VA	C. Agg-Quartzite F. Agg-Quartzite	1430119 1430120
S300C	Shelly Materials (Willow Island/Reno)	Marietta, OH	C. Agg-Gravel F. Agg-Silica Sand	1431197 Note 1 1431198 Note 1
S301B	Shelly Materials (Portland Plant)	Portland, OH	C. Agg-Gravel F. Agg-Silica Sand	1431192 Note 1 1431193 Note 1
W115A	Southern West Virginia Asphalt (Kelly Mountain)	Elkins, WV	C. Agg-Limestone F. Agg-Limestone	1429986 1429987
S306A	Stocker Sand & Gravel	Gnadenhutten, OH	C. Agg-Gravel F. Agg-Silica Sand	1430738 1430739
P0160	Stuart M. Perry	Winchester, VA	C. Agg-Limestone F. Agg-Limestone	1430560 1430563

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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	1430740 1430741
V067C	Valley Quarries	Chambersburg, PA	C. Agg-Limestone F. Agg-Limestone	1430479 1430480
W271A	Waterloo Coal Co.	Oak Hill, OH	C. Agg-Limestone F. Agg-Limestone	1431186 Note 1 1431187 Note 1
W221A	Wythe Stone	Wytheville, VA	C. Agg-Limestone F. Agg-Limestone F. Agg-Silica Sand Manufactured	1430122 1430123 1430124

- * 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	1430225 1430226

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 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.

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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>
B219A	Boxley Aggregates (Beckley Plant)	Beckley, WV	A-1
M027H	Cool Springs Stone Supply	Hopwood, PA	A-1
V001A	Lucks Stone Co. (Goose Creek Plant)	Leesburg, VA	A-1
L133A	Lucks Stone Co. (Leesburg Plant)	Leesburg, VA	A-1
M0490	Mount Cydonia	Fayetteville, PA	A-1
M365A	Mountain Slag	Greenup, KY	A-1
M312A	Salem Stone	Sylvatus, VA	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".

D123A	Hanson Aggregates	New Kensington, PA	A-2
L001A	Jaymar, Inc.	Reedsville, OH	A-2
T012B	Martin Marietta Aggregates	Apple Grove, OH	A-2
S044F	Mountain Materials	Carter City, KY	A-2
M027E	Mulzer Stone	Charlestown, IN	A-2
S044A	Piketon Sand & Gravel	Piketon, OH	A-2
P1560	Plum Run Stone	Peebles, OH	A-2
S300C	Shelly Materials (Willow Island/Reno)	Marietta, OH	A-2
S306A	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.

A007A	Allen, J. F.	Elkins, WV	A-3
A007E	Allen, J. F. (Mashey Gap Quarry)	Elkins, WV	A-3
B1660	Greer Industries (Buckeye Stone)	Blaney Hollow, WV	A-3
L096C	Laural Aggregates (Lake Lynn Quarry)	Lake Lynn, PA	A-3
H160B	Meadows Stone & Paving	Monterville, WV	A-3
W115A	Southern West Virginia Asphalt (Kelly Mountain)	Elkins, WV	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.

K0500	Keystone Lime (Grey)	Springs, PA	B-1
L133B	Lucks Stone Co.	Charlottesville, VA	B-1
	New Centerville Stone	New Centerville, PA	B-1
V067D	Valley Quarries	Gettysburg, PA	B-1
V042B	Vulcan Materials (Sanders Quarry)	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.

D003F	Georgetown Sand &	Georgetown, PA	B-2
K050A	Keystone Lime (Red)	Springs, PA	B-2
	New Enterprise Stone	Bakersville, PA	B-2
N0530	New Enterprise Stone	Roaring Springs, PA	B-2
M1870	Shelly and Sands	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.

* 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.