



WEST VIRGINIA DEPARTMENT OF TRANSPORTATION

Division of Highways

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

December 13, 2011

MEMORANDUM

TO: ALL DISTRICT MATERIALS SUPERVISORS

FROM: DM *PMZ*

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 December 12, 2011.

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: December 12, 2011****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	1405229 1405230
M361A	Aggregate Industries (Mid-Atlantic)	King George, VA	F. Agg-Silica Sand	1406307
A010A	Aggregate Industries	La Plata, MD	F. Agg-Silica Sand	1406639
M226A	Aggregate Industries (Millville)	Millville, WV	C. Agg-Limestone F. Agg-Limestone	1406301 1406302
F011A	Allegheny Aggregates	Short Gap, WV	C. Agg-Limestone F. Agg-Limestone	1406879 Note 1 1406880 Note 1
A007A	Allen, J. F.	Elkins, WV	C. Agg-Limestone F. Agg-Limestone	1406532 1406533
A007E	Allen, J. F. (Mashey Gap Quarry)	Elkins, WV	C. Agg-Limestone F. Agg-Limestone	1406534 1406535
B010A	Belpre Sand & Gravel	Little Hocking, OH	C. Agg- Gravel F. Agg-Silica Sand	1406948 Note 1 1406949 Note 1
G079A	Boxley Aggregates	Lewisburg, WV (Lewisburg Plant)	C. Agg-Limestone F. Agg-Limestone	1406105 1406106
B026A	Boxley Aggregates (Mill Point Plant)	Mill Point, WV	C. Agg-Limestone F. Agg-Limestone	1406107 1406108
B1660	Buckeye Stone	Blaney Hollow, WV	C. Agg-Limestone F. Agg-Limestone	1406523 1406524
D113A	Carmeuse Lime	Maysville, KY	C. Agg-Limestone F. Agg-Limestone	1407216 Note 1 1407217 Note 1
F093A	Carmeuse Lime (Chemstone)	Clearbrook, VA	C. Agg-Limestone F. Agg-Limestone	1406875 Note 1 1406876 Note 1
C410A	Carmeuse Lime (Chemstone)	Strasburg, VA	C. Agg-Limestone F. Agg-Limestone	1406871 Note 1 1406872 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>
M027H	Cool Springs Stone Supply	Hopwood, PA	C. Agg-Limestone F. Agg-Limestone	1406520 1406521
J0280	Dillon, E. & Co.	Swords Creek, VA	C. Agg-Limestone F. Agg-Limestone	1406646 1406645
S172D	Fairfax Materials (Ours Quarry)	Arthur, WV	C. Agg-Limestone F. Agg-Limestone	1406885 Note 1 1406886 Note 1
F011C	Fairfax Materials (Scherr Quarry)	Scherr, WV	C. Agg-Limestone F. Agg-Limestone	1406881 Note 1 1406882 Note 1
F0110	Fairfax Materials (Sand Plant)	Thomas, WV	F. Agg-Silica Sand Manufactured	1406531
G0120	Greer Industries	Greer, WV	C. Agg-Limestone F. Agg-Limestone	1406527 1406528
G012D	Greer Industries (Deckers Creek)	Greer, WV	C. Agg-Limestone F. Agg-Limestone	1406525 1406526
M2140	Greer Industries (Cheat River Lmst)	Rowlesburg, WV	C. Agg-Limestone F. Agg-Limestone	1406529 1406530
G012B	Greer Lime (Germany Valley)	Riverton, WV	C. Agg-Limestone F. Agg-Limestone	1406888 Note 1 1406887 Note 1
G175A	Grimes Sand & Gravel	New Matamoras, OH	F. Agg-Silica Sand	1406950 Note 1
D123A	Hanson Aggregates	New Kensington, PA	C. Agg-Gravel	1406519
M288A	Hilltop (Big Bend Quarry)	Battletown, KY	C. Agg-Limestone F. Agg-Limestone	1407218 Note 1 1407219 Note 1
H0550	Hilltop Basic Resources	Patriot, IN	C. Agg-Gravel F. Agg-Silica Sand	1407220 Note 1 1407221 Note 1
I0060	Inwood Quarry	Inwood, WV	C. Agg-Limestone F. Agg-Limestone	1406877 Note 1 1406878 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	1405361 1405362
K113A	Ennstone (Keplinger Lime)	Maysville, WV	C. Agg-Limestone F. Agg-Limestone	1406883 Note 1 1406884 Note 1
M022B	Lafarge Mid-Atlantic	Warfordsburg, PA	C. Agg-Limestone F. Agg-Limestone	1406291 1406292
L096C	Laural Aggregates (Lake Lynn Quarry)	Lake Lynn, PA	C. Agg-Limestone	1406522
E006A	Letart Sand & Gravel	Gallipolis Ferry, WV	C. Agg-Gravel F. Agg-Silica Sand	1405231 1405232
V001A	Lucks Stone Co. (Goose Creek Plant)	Leesburg, VA	C. Agg-Diabase	1406303
L133A	Lucks Stone Co. (Leesburg Plant)	Leesburg, VA	C. Agg-Diabase	1406304
T012B	Martin Marietta	Apple Grove, OH Aggregates	C. Agg-Gravel F. Agg-Silica Sand	1405359 1405360
M027J	Martin Marietta Aggregates	Boonesboro, MD	C. Agg-Limestone F. Agg-Limestone	1406299 1406300
M043A	Martin Marietta (Burning Springs)	Petroleum, WV	C. Agg-Limestone F. Agg-Limestone	1406951 Note 1 1406952 Note 1
M027I	Martin Marietta Aggregates	Pinesburg, MD	C. Agg-Limestone F. Agg-Limestone	1406297 1406298
D003I	Martin Marietta (Three Rivers)	Smithland, KY	C. Agg-Limestone F. Agg-Limestone	1407222 Note 1 1407223 Note 1
M277B	Maryland Minerals	Accident, MD	F. Agg-Silica Sand Manufactured	1406290
H160B	Meadows Stone & Paving	Monterville, WV	C. Agg-Limestone F. Agg-Limestone	1406109 1406110

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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	1406659 1406658
E099A	Midvale Sand & Gravel	Midvale, OH	C. Agg-Gravel F. Agg-Silica Sand	1406953 Note 1 1406954 Note 1
E0380	Mountain Aggregates	Elkhorn City, KY	C. Agg-Limestone F. Agg-Limestone	1406644 1406643
P339A	Mountain Aggregates (Pine Mtn. Quarry)	Jenkins, KY	C. Agg-Limestone F. Agg-Limestone	1406642 1406641
M0490	Mount Cydonia Sand	Fayetteville, PA	F. Agg-Silica Sand	1406330
S044F	Mountain Materials	Carter City, KY	C. Agg-Limestone F. Agg-Limestone	1405233 1405234
M378A	Mountain Materials	Olive Hill, KY	C. Agg-Limestone F. Agg-Limestone	1407350 Note 1 1407351 Note 1
M365A	Mountain Slag	Greenup, KY	C. Agg-Slag F. Agg-Slag	1405235 1405236
M289A	Mulzer Stone	Cape Sandy, IN	C. Agg-Limestone F. Agg-Limestone	1407224 Note 1 1407225 Note 1
M027E	Mulzer Stone	Charlestown, IN	C. Agg-Limestone F. Agg-Limestone	1407226 Note 1 1407227 Note 1
M289C	Mulzer Stone	New Amsterdam, IN	C. Agg-Limestone F. Agg-Limestone	1407228 Note 1 1407229 Note 1
M257B	Mundy, CS (Flatrock Quarry)	Timberville, VA	C. Agg-Limestone F. Agg-Limestone	1406869 Note 1 1406870 Note 1
N112A	National Lime and Stone	Carey, OH	C. Agg-Limestone F. Agg-Limestone	1406331 1406332
N053A	New Enterprise Stone (Ashcom)	Everett, PA	C. Agg-Limestone F. Agg-Limestone	1406293 1406294
M027C	Nugent Sand & Gravel	Milton, KY	C. Agg-Gravel F. Agg-Silica Sand	1407230 Note 1 1407231 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>
S044A	Piketon Sand & Gravel	Piketon, OH	C. Agg-Gravel F. Agg-Silica Sand	1405237 1405238
P1560	Plum Rum Stone Company	Peebles, OH	C. Agg-Limestone F. Agg-Limestone	1405881 1405240
P020A	Pounding Mill Quarry No. 1	Pounding Mill, VA	C. Agg-Limestone F. Agg-Limestone	1406648 1406647
P020B	Pounding Mill Quarry No. 2	Bluefield, VA	C. Agg-Limestone F. Agg-Limestone	1406650 1406649
P127A	Pounding Mill Quarry No. 3	Rocky Gap, VA	C. Agg-Limestone F. Agg-Limestone	1406657 1406656
S011B	RBS Quarry (Greystone)	Lewisburg, WV	C. Agg-Limestone F. Agg-Limestone	1406111 1406112
R1020	Riverside Stone	Wolf Creek, KY	C. Agg-Limestone F. Agg-Limestone	1407232 Note 1 1407233 Note 1
M312A	Salem Stone	Sylvatus, VA	C. Agg-Quartzite F. Agg-Quartzite	1406652 1406651
S300B	Shelly Materials (Willow Island)	Marietta, OH	C. Agg-Gravel F. Agg-Silica Sand	1406955 Note 1 1406956 Note 1
S301B	Shelly Materials (Portland Plant)	Portland, OH	C. Agg-Gravel F. Agg-Silica Sand	1405357 1405358
W115A	Southern West Virginia Asphalt (Kelly Mountain)	Elkins, WV	C. Agg-Limestone F. Agg-Limestone	1406536 1406537
S306A	Stocker Sand & Gravel	Gnadenhutten, OH	C. Agg-Gravel F. Agg-Silica Sand	1406957 Note 1 1406958 Note 1
P0160	Stuart M. Perry	Winchester, VA	C. Agg-Limestone F. Agg-Limestone	1406873 Note 1 1406874 Note 1
S123A	Subtropolis Mining Co.	Petersburg, OH	C. Agg-Limestone F. Agg-Limestone	1406959 Note 1 1406960 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>
S044E	Tube City/IMS	Mingo Junction, OH	C. Agg-Slag F. Agg-Slag	1406961 Note 1 1406962 Note 1
V067C	Valley Quarries	Chambersburg, PA	C. Agg-Limestone F. Agg-Limestone	1406295 1406296
W271A	Waterloo Coal Co.	Oak Hill, OH	C. Agg-Limestone F. Agg-Limestone	1405241 1405242
W221A	Wythe Stone	Wytheville, VA	C. Agg-Limestone F. Agg-Limestone F. Agg-Silica Sand Manufactured	1406655 1404567 1406653

- * 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	1406944 Note 1 1406661

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.

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.

- 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.