

## October 2022 LETTING PROCEDURE I SPECIFIC GRAVITIES

Producer	CMS ID Producer	Legal Description	Location	Products	Bulk Dry (Gsb)	Saturated Surf Dry	Apparent	Percent Absorb	Date Modified or Verified	Chat or SSG	Latitude	Longitude
Air Capital Materials	850701	S22 T26S R01W	Segewick Co.		2.553	2.575	2.610	0.9	February 1, 2022			
Alsop	811105	S27 T05S R03W	Cloud Co.		2.538	2.563	2.603	1.0	August 1, 2020	s		
Alsop	811107	S27 T13S R01E	Dickinson Co.		2.556	2.611	2.705	2.2	July 1, 2017	s		
Alsop	811114	S05 T04S R04W	Republic Co.		2.518	2.559	2.627	1.7	September 1, 2020	s	39.73909	97.78814
American S&G	811116	S08 T15S R02W	Saline Co.		2.541	2.598	2.696	2.3	February 1, 2020	s		
Anchor Stone (WRSW)	836402	S34 T28N R32W	Jasper Co. MO	3/4"	2.486	2.558	2.680	2.9	May 1, 2021		37.10327	94.40710
APAC Kansas	826018	S24 T12S R08W	Lincoln Co.		2.600	2.628	2.674	1.1	November 1, 2021			
APAC-Shears	826001	S11 T12S R08W	Lincoln Co.	CS-1	2.503	2.556	2.642	2.1	July 1, 2021			
APAC-Shears	801934	S21 T23S R05W	Reno Co.		2.560	2.583	2.633	0.9	December 1, 2020	s		
Associated	819905	S14 T26S R01W	Sedgwick County		2.554	2.578	2.618	1.0	October 1, 2018	s		
Bayer Const. Co.	801834	S01 T13S R04E	Dickinson Co.	CS-1	2.505	2.574	2.690	2.8	April 1, 2022			
Bayer Const. Co. (TRKO)	802445	S04 T11S R09E	Riley Co.	3/4" x 1/4"	2.541	2.604	2.716	2.6	November 1, 2021			
Bayer Const. Co. (TRKO)	802445	S04 T11S R09E	Riley Co.	Washed 3/8" Chips	2.480	2.563	2.695	3.3	October 1, 2020	s		
Beatrice S&G	824603	S04 T03N R01W	Thayer Co. NE	SSG	2.569	2.590	2.626	0.8	July 1, 2019	s		
Beyer Crushed Rock Co (BFLS)	806901	S26 T45N R33W	Cass Co. MO	-1"	2.569	2.618	2.700	1.9	July 1, 2022			
Big Creek Sand & Gravel	851101		Carson Co. TX		2.613	2.645	2.698	1.2	January 1, 2022			
Bladen	824205	S16 T02N R10W	Webster Co. NE		2.578	2.596	2.624	0.7	October 1, 2018	s		
Blue River Sand	805404	S25 T04S R06E	Marshall Co.		2.559	2.584	2.624	1.0	November 1, 2020	s		
Carthage Crushed	848001	S29 T29N R31W	Jasper Co. MO		2.640	2.662	2.700	0.9	June 1, 2022			
Central Sand	848601	S22 T26S R01W	Sedgwick County	MA-1 Sand	2.556	2.579	2.618	0.9	September 1, 2022	s		
Concrete Enterprise	813403	S04 T28S R13W	Pratt Co.		2.559	2.590	2.641	1.2	November 1, 2018	s		
Cornejo Mtls (Riverside)	819301	S35 T26S R01W	Sedgwick Co.		2.554	2.577	2.613	0.9	July 1, 2022	s		
Cornejo Stone (EVCK)	801504	S13 T31S R10E	Elk Co.		2.555	2.610	2.702	2.1	September 1, 2022	s	37.35270	96.28578
Cornejo Mtls	820103	S23 T26S R01W	Sedgwick Co.	SSG	2.571	2.592	2.625	0.8	August 1, 2020	s		
Deweese	825001	S17 T01N R07W	Nuckolls Co. NE	SSG	2.576	2.594	2.623	0.7	November 1, 2018	s		
Dodge City Sand	813102	S32 T26S R25W	Ford Co.		2.550	2.580	2.630	1.0	December 1, 2019	s		
Dolese	809405	S31 T06N R15W	Roosevelt, OK	CS-2	2.727	2.742	2.769	0.6	May 1, 2021			
Eakins Sand	817302	S08 T22S R16W	Pawnee Co.		2.574	2.603	2.651	1.1	May 1, 2021	s		
Flint Rock #5	822506	S20 T29N R23E	Ottawa County, OK	CME	2.550	2.590	2.656	1.6	July 1, 2020	c		
Flint Rock Products Pile # 2	822503	SW 1/4 S29 T29N R23E	Ottawa County, OK		2.539	2.587	2.668	1.9	March 1, 2020	c	36.96011	94.84968
Gravel and Concrete	832701	S15 T22S R07W	Reno Co.		2.551	2.580	2.620	1.1	July 1, 2018	s		
Hamm (BFLS)	842701	S07 T47N R30W	Jackson Co., MO	-3/4	2.559	2.612	2.703	2.1	March 1, 2022			
Hamm (CPCK)	800907	S15 T13S R21E	Eudora-Douglas Co		2.502	2.577	2.706	3.0	November 1, 2021			
Hamm	805012	S19 T19S R25E	Linn Co.		2.493	2.568	2.694	3.0	April 1, 2022			
Hamm (FRLY)	800907	S15 T13S R21E	Eudora-Douglas Co		2.501	2.561	2.695	2.9	February 1, 2022			
Hamm (STNR)	800907	S15 T13S R21E	Douglas Co.		2.597	2.643	2.722	1.8	April 1, 2022			
Hamm (ARGN)	803903	S16 T14S R23E	Johnson Co.	Dust	2.582	2.631	2.715	1.9	February 1, 2022			
Hamm (FRLY)	803903	S16 T14S R23E	Johnson Co.	-3/4"	2.596	2.641	2.718	1.7	February 1, 2022		38.83518	94.86701
Hamm Kansas (FRLY)	803903	S16 T14S R23E	Johnson Co.		2.584	2.631	2.711	1.8	March 1, 2021			
Hamm (FRLYARG)	804008	S07 T16S R25E	Miami Co	-3/4	2.521	2.586	2.696	2.6	May 1, 2022			
Hamm (HRFD)	800929	S09 T17S R15E	Osage Co.		2.537	2.608	2.730	2.8	November 1, 2020			
Hamm (FRLY)	803705	S10 T14S R23E	Johnson Co.	-3/4", -5/15"	2.623	2.657	2.715	1.3	February 1, 2022			
Hamm HRFD	800970	S08 T03S R20E	Doniphan Co.		2.501	2.597	2.756	3.4	January 1, 2022			
Hamm Quarries Inc (Cadmus)	805007	S32 T19S R23E	Linn Co.		2.539	2.603	2.712	2.5	October 1, 2022			
Hamm (NEVA)	800950	S03 T07S R10E	Pottawatomie Co.		2.462	2.537	2.661	3.0	August 1, 2021			
Hamm	802457	S10 T14S R04E	Dickinson Co.	CS-1	2.463	2.538	2.663	3.1	April 1, 2022		37.47228	96.21211
Hartford S&G	824802	S30 T10S R08E	Riley Co.	SSG	2.570	2.608	2.672	1.5	April 1, 2022	s		
Harshman Const (PLSM)	801512	S25 T18S R16E	Osage Co.		2.559	2.618	2.719	2.3	May 1, 2022			
Harshman Const. (EVCK)	801517	S04 T30S R11E	Elk Co.	3/4"	2.616	2.656	2.726	1.5	December 1, 2020			

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Harshman Const. (PLSM)	806001	S16 T18S R16E	Osage Co.		2.515	2.581	2.694	2.7	May 1, 2021	s	38.64956	98.03405
Hi-Plains Sand	CC130704	S19 T16S R06W	Ellsworth Co.		2.547	2.594	2.673	1.8	December 1, 2019	s	37.95444	100.84933
Huber	835801	S17 T24S R40W	Hamilton Co.		2.558	2.580	2.626	1.1	August 1, 2020			
Huber	812701	S21 T24S R32W	Finney Co.		2.560	2.580	2.620	1.0	September 1, 2020	s		
Huber	812705	S19 T25S R30W	Gray Co		2.565	2.591	2.634	1.0	October 1, 2022	s		
Iron Mtn Trap Rock	823701	S30 T35N R04E	St Francois Co MO		2.596	2.613	2.639	0.6	March 1, 2022		38.84677	94.86382
Johnson County Aggregates FRLY	806701	S09 T14S R23E	Johnson Co. KS		2.606	2.649	2.723	1.7	February 1, 2022			
Johnson County Aggregates ARGN	806701	S09 T14S R23E	Johnson Co. KS		2.591	2.643	2.734	2.0	February 1, 2021			
Johnson County Aggregates CPCK	806701	S09 T14S R23E	Johnson Co. KS	3/4"	2.562	2.654	2.687	2.3	March 1, 2021		38.78218	97.57118
Johnson County Aggregates STNR	806701	S09 T14S R23E	Johnson Co. KS	3/4"	2.567	2.634	2.708	2.0	January 1, 2021	s		
Johnson Sand	818902	S 05 T15S R02W	Salina		2.521	2.588	2.701	2.6	September 1, 2021	s	37.11982	94.40110
Johnson Sand	818903	S 32T14S R02W	Salina		2.570	2.614	2.687	1.7	October 1, 2020	s		
Joplin Stone	807101	S26 T28N R32W	Jasper Co. MO	3/4 Super, 1/2" Clean	2.520	2.576	2.671	2.2	April 1, 2021	s		
Klotz	812605	S31 T24S R31W	Finney Co.		2.556	2.584	2.629	1.1	July 1, 2020	s		
Klotz	812607	S02 T25S R36W	Kearny Co.		2.568	2.590	2.627	0.9	September 1, 2020	s		
Klotz	814202	S18 T24S R40W	Hamilton Co.		2.570	2.600	2.649	1.2	December 1, 2017	s		
Knop Concrete	839501	S06 T20S R11W	Barton County		2.564	2.588	2.627	0.9	November 1, 2021			
Martin Marietta	802453	S10 T10N R11E	Cass Co. NE		2.648	2.673	2.714	0.9	January 1, 2021			
Martin Marietta	808705	S30 T02S R05E	Johnston Co. OK		2.671	2.683	2.703	0.4	May 1, 2022			
Martin Marietta (BFLS)	803512	S02 T52N R34W	Platte Co. MO	3/4"	2.581	2.630	2.712	1.9	February 1, 2022			
Martin Marietta (COCA)	800318	S03 T50N R32W	Clay Co MO	-1"	2.660	2.680	2.714	0.8	February 1, 2022			
Martin Marietta (CPCK)	800310	S13 T16S R19E	Franklin Co.	-3/4"	2.541	2.596	2.712	2.7	April 1, 2021		38.94621	94.97081
Martin Marietta (LFRLY)	800319	S04 T13S R22E	Johnston Co.	-3/4"	2.583	2.631	2.714	1.8	May 1, 2021			
Martin Marietta (UFRLY)	800319	S04 T13S R22E	Johnston Co.	-3/4"	2.520	2.587	2.699	2.6	December 1, 2020			
Mid-States Materials (EVCK)	843513	S27 T12S R17E	Shawnee Co.	3/4"	2.504	2.577	2.792	2.9	December 1, 2020			
Mid-States Materials	843504	S33 T16S R17E	Osage Co.		2.522	2.592	2.712	2.8	April 1, 2021			
Mid-States Materials	843518	S14 T14S R05E	Morris Co		2.409	2.499	2.648	3.7	April 1, 2022			
Mid-States Materials (FRLY)	826101	S08 T15S R22E	Johnson Co. KS	CS-1	2.545	2.605	2.708	2.4	September 1, 2022			
Mid-States Materials (SPGH)	800317	S1 T17S R20E	Franklin Co.		2.526	2.591	2.703	2.6	October 1, 2022	s		
Mid-States Sand	843902	S33 T25S R01W	Sedgewick Co.		2.562	2.583	2.617	0.8	September 1, 2018	s		
Midwest Concrete (MCM)	601910	S27 T13S R01E	Dickinson Co.		2.550	2.603	2.694	2.1	July 1, 2019	s		
Midwest Minerals (LBRD)	801102	S32 T26S R25E	Bourbon Co.		2.514	2.568	2.656	2.1	July 1, 2021		37.41245	95.74935
Midwest Minerals (BJCK)	801725	S29 T30S R24E	Crawford Co.	3/4"	2.598	2.640	2.712	1.6	January 1, 2021			
Midwest Minerals (STNR)	801712	S27 T30S R15E	Wilson Co.	3/4"	2.595	2.631	2.691	1.4	January 1, 2022			
Midwest Minerals (WNRS)	801708	S22 T31S R17E	Montgomery Co.	CS-1	2.545	2.605	2.709	2.4	November 1, 2021			
N.A.P. Co (AMZN)	802439	S28 T59N R35W	Andrew Co. MO	3/4"	2.611	2.663	2.761	2.1	July 1, 2022			
Nelson Quarries (TRNT)	801924	S26 T25S R13E	Woodson Co.	1/2"	2.556	2.623	2.740	2.6	June 1, 2020	s	38.10196	102.58315
Northridge Sand	819102	S16 T26S R01E	Sedgewick Co.		2.555	2.579	2.619	0.9	August 1, 2017	s		
Prowers Aggregate Operators, LLC	847901	S28 T22S R46W	Prowers Co. CO		2.569	2.596	2.641	1.1	September 1, 2020	s		
Seacat & Heft	815801	S04 T29S R17W	Kiowa Co.		2.565	2.601	2.661	1.4	July 1, 2020	s	40.67376	99.42519
Stone Sand	810401	S33 T19S R12W	Barton Co.		2.566	2.591	2.631	1.0	June 1, 2019	s		
T&F Sand/Gravel	824902	S08 T08N R18W	Buffalo Co. NE		2.591	2.603	2.623	0.5	October 1, 2021	s		
Venture Klotz Sand	810122	S18 T25S R36W	Kearny Co.		2.568	2.595	2.640	1.1	May 1, 2022	s		
Venture Dundee Sand	810112	S16 T20S R14W	Barton Co.		2.562	2.597	2.633	0.9	July 1, 2018	s	38.11569	94.81990
Whitaker (Mound City) BFLS Ledge	800208	S19 T22S R24E	Linn Co.	3/4", Mansand	2.595	2.643	2.726	1.9	March 1, 2021	c	36.99598	94.82655
Williams Diversified	821818	S13 T29N R22E	Ottawa Co. OK		2.515	2.567	2.651	2.0	May 1, 2020	c	36.96704	94.82649
Williams Diversified (Sooner Pile)	821812	S16 T29N R23E	Ottawa Co. OK		2.516	2.568	2.654	2.1	September 1, 2020	c	36.95940	94.83325
Williams Diversified (Lawyers Pile)	821816	S28 T29N R23E	Ottawa Co. OK	-3/8	2.525	2.582	2.646	1.5	September 1, 2020	c		
Williams Diversified (Skeleton Pile)	821807	S29 T29N R23E	Ottawa Co. OK		2.526	2.570	2.644	1.8	September 1, 2020	s		

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Deleted Values												
The following are values from sources that have been deleted from the active list and are for reference only.												
Allied Inc	808323	S10 T15S R14W	Russell Co		2.573	2.601	2.647	1.1	October 1, 2008	S		
Allied Inc	811604	S25 T15S R19W	Ellis Co		2.579	2.609	2.658	1.2	November 1, 2015	S	39.73481	97.78781
Alsop	811101	S02 T08S R02E	Clay Co.		2.495	2.540	2.610	1.4	October 15, 2004	S		
Alsop	811102	S26 T05S R03W	Cloud Co.		2.553	2.575	2.609	0.9	October 15, 2004	S		
Alsop	811103	S05 T04S R04W	Republic Co.		2.538	2.560	2.600	1.1	June 1, 2007	S		
Alsop	811107	S27 T13S R01E	Dickinson Co.		2.547	2.590	2.675	1.9	April 1, 2007	S		
Alsop	811108	S31 T14S R02W	Saline Co.		2.557	2.611	2.703	2.1	August 1, 2006	S		
Alsop	811109	S4 T02N R02W	Hebron, NE		2.566	2.584	2.612	0.7	August 1, 2002		38.67201	94.69464
Alsop	811112	S30 T13S R02W	Saline Co.		2.517	2.580	2.685	2.5	November 1, 2007			
APAC (ARGN)	804007	S12 T16S R24E	Miami Co	-1, -1/2"	2.545	2.601	2.697	2.2	March 1, 2009		38.67299	94.69581
APAC (FRLY)	804008	S07 T16S R25E	Miami Co	-1"	2.603	2.615	2.692	1.4	September 1, 2016			
APAC (FRLY, Class 1 for UTB Overlay)	804007	S12 T16S R24E	Miami Co	-1/2	2.591	2.632	2.702	1.6	December 1, 2007	S	38.66821	94.69798
APAC (FRLY/AR)	804007	S12 T16S R24E	Miami Co	-3/4	2.512	2.582	2.701	2.8	June 1, 2008			
APAC (FRLY/AR)	804007	S12 T16S R24E	Miami Co	-1	2.473	2.551	2.682	3.1	July 1, 2008			
APAC (FRLYARG)	804008	S07 T16S R25E	Miami Co	-5/16	2.402	2.515	2.709	4.7	January 1, 2015			
APAC (FRLYARG)	804008	S07 T16S R25E	Miami Co	-1/2, -3/4	2.471	2.552	2.688	3.3	January 1, 2015		36.80405	95.86936
APAC (FRLYARG)	804008	S07 T16S R25E	Miami Co	-1/2, -3/4	2.533	2.595	2.703	2.5	August 1, 2016			
APAC Central (DEWY)	809101	S25 T27N R13E	Washington Co. OK	-3/4"	2.644	2.680	2.710	1.3	September 1, 2014	S		
APAC Hays	808323	S10 T15S R14W	Russel Co.		2.525	2.573	2.653	1.9	May 1, 2002	S		
APAC Hays	811602	S29 T15S R18W	Ellis Co.		2.588	2.600	2.640	1.0	July 1, 2006	S		
APAC Hays	811603	S25 T15S R19W	Ellis Co. Kraus Pit		2.520	2.567	2.655	2.1	October 1, 2009	S		
APAC Hays	811604	S25 T15S R19W	Ellis Co. Bieker Pit		2.570	2.600	2.640	1.3	October 15, 2004	S		
APAC Hays	811613	S27 T10S R28W	Sheridan Co.		2.530	2.557	2.611	1.3	October 15, 2004	S		
APAC Hays	811614	S17 T7S R39W	Sherman Co.		2.540	2.574	2.629	1.3	October 15, 2004	S		
APAC Hays	811615	S34 T10S R32W	Thomas Co.		2.534	2.550	2.608	1.3	October 15, 2004	S		
APAC Hays	811620	S31 T14S R23W	Trego Co.		2.580	2.601	2.653	1.0	October 15, 2004	S		
APAC Hays	811628	S35 T10S R32W	Thomas Co.		2.540	2.575	2.624	1.2	October 15, 2004			
APAC Hays	811630	S36 T14S R24W	Trego Co.		2.580	2.601	2.653	1.0	October 15, 2004			
APAC Kansas	826003	S14 T12S R08W	Lincoln Co.	CS-1	2.604	2.630	2.674	1.0	January 1, 2021			
APAC Kansas	826005	S23 T12S R08W	Lincoln Co.		2.600	2.629	2.680	1.1	April 1, 2021			
APAC Kansas (ARGN Ledge)	803701	S01 T12S R23E	Johnson Co.	-3/4"	2.563	2.617	2.710	2.1	November 1, 2010		39.03190	94.80896
APAC Kansas (FRLY Ledge)	803705	S10 T14S R23E	Johnson Co.	-1"	2.610	2.653	2.727	1.6	May 19, 2016			
APAC Kansas (HRFD)	804009	S 03 T21S R13E	Lyon Co.		2.515	2.581	2.694	2.6	May 1, 2011		38.85297	94.84856
APAC Kansas (LFRLY Ledge)	803701	S01 T12S R23E	Johnson Co.	-3/4"	2.556	2.617	2.722	2.4	November 1, 2010			
APAC Kansas (STNR Ledge)	803705	S10 T14S R23E	Johnson Co.	-3/4"	2.574	2.626	2.715	2.0	October 1, 2014		38.67412	94.69887
APAC Reno	836301	S27 T22S R24E	Linn Co.	1/2" Chip	2.407	2.487	2.616	3.3	December 1, 2003			
APAC Reno (ARGN)	804002	S24 T14S R24E	Johnson Co. KS		2.606	2.644	2.709	1.4	June 1, 2007	S	38.69783	99.30538
APAC Reno (FRLY)	804007	S12 T16S R24E	Miami Co. KS	-1/2", 3/4"	2.491	2.566	2.694	3.0	August 1, 2005	S		
APAC-Shears (HRFD)	801935	S02 T21S R13E	Coffey Co.		2.570	2.626	2.725	2.2	October 1, 2020			
APAC Shears	801916	S14 T23S R05W	Reno Co.		2.560	2.570	2.610	0.9	December 1, 2004			
APAC-Allied	841703	S34 T15S R18W	Ellis Co.		2.589	2.614	2.649	0.9	December 1, 2005			
APAC-Shears	801925	S11 T28S R12E	Greenwood Co.		2.596	2.641	2.719	1.7	May 1, 2008	S		
APAC-Shears	801927	S03 T21S R13E	Hartford		2.535	2.595	2.701	2.4	February 1, 2001			
APAC-Shears	831401	S35 T27S R01W	Sedgewick Co.		2.546	2.571	2.612	1.0	September 1, 2003			
APAC-Shears (HRFD)	801935	S02 T21S R13E	Coffey Co.	-3/4"	2.566	2.621	2.713	2.1	May 1, 2015			

## October 2022 LETTING PROCEDURE I SPECIFIC GRAVITIES

Producer	CMS ID Producer	Legal Description	Location	Products	Bulk Dry (Gsb)	Saturated Surf Dry	Apparent	Percent Absorb	Date Modified or Verified	Chat or SSG	Latitude	Longitude
Ark River Sand	838202	S06 T32S R03E	Cowley County		2.550	2.573	2.610	0.9	December 1, 2002			
Ark River Sand	838202	S06 T32S R03E	Cowley Co.		2.550	2.573	2.610	0.9	September 1, 2006			
Ash Grove Aggr.	805109	S30 T40N R31W	Butler, MO		2.553	2.614	2.719	2.4	July 1, 2003	s	38.90338	94.27975
Ashland Agg.	849302	S22 T32S R23W	Clark Co.		2.659	2.695	2.757	1.4	October 1, 2020			
Associated	819904	S12 T30S R01E	Sumner County		2.557	2.581	2.621	0.9	September 1, 2013			
Barber & Sons (BFLS)	842701	S07 T47N R30W	Jackson Co. MO	-1/2'	2.534	2.593	2.691	2.3	September 1, 2011			
Bayer Const. Co. (TRKO)	802449	S03 T11S R09E	Riley Co.		2.515	2.584	2.703	2.8	March 1, 2020			
Bayer Const Co.	801830	S08 T13S R05E	Geary Co.		2.546	2.611	2.715	2.4	November 1, 2015			
Bayer Const Co.	802325	S05 T13S R05E	Geary Co.		2.535	2.593	2.692	2.3	October 1, 2017			
Bayer Const. Co.	801824	S33 T10S R09E	Riley Co.		2.558	2.614	2.708	2.1	July 1, 2010			
Bayer Const. Co.	802322	S05 T13S R05E	Geary Co.		2.524	2.581	2.678	2.3	September 1, 2012			
Bayer Const. Co. (TRKO)	802414	S33 T11S R09E	Riley Co.		2.542	2.598	2.694	2.2	October 1, 2018			
BELCO APAC DEWY Ledge)	809101	S25 T27N R13E	Nowata, OK		2.650	2.679	2.729	1.1	October 1, 2009			
Belco Materials	809101	S25 T27N R13E	Washington Co.OK		2.624	2.662	2.727	1.5	July 1, 2007		36.98155	94.80663
Belco Materials	809103	S11 T25N R8W	Osage Co.OK	1/2" Chip	2.563	2.613	2.699	2.0	May 1, 2005	c	36.99195	94.85100
Belco Materials	809103	S11 T25N R8W	Osage Co.OK	-3/4"	2.584	2.630	2.709	1.8	May 1, 2005	c		
Bingham (Atlas Pile)	821811	S22 T29N R23E	Ottawa Co. OK		2.491	2.552	2.653	2.4	March 1, 2005	c		
Bingham (Gordon Pile)	821815	S18 T29N R23E	Ottawa Co. OK		2.533	2.574	2.642	1.6	June 1, 2008	s	40.14244	98.45629
Bladen	824201	S18 T02N R14W	Franklin Co. NE		2.573	2.593	2.624	0.8	June 1, 2006	s	36.96195	94.87701
Bladen Sand	823802	S014 T02N R16W	Franklin Co. NE		2.581	2.597	2.619	0.6	February 1, 2015	c		
Blevins Chat	143801	S25 T29N R22E	Ottawa Co OK	3/8 chip	2.510	2.555	2.642	1.8	December 1, 2012			
Broce Construction	809904	S02 T27S R25W	Ford Co.		2.553	2.582	2.627	1.1	January 1, 2005	s		
Carder	823503	S30 T22S R44W	Prowers Co. CO	SSG, CG	2.585	2.610	2.651	1.0	June 1, 2015	s		
Carder	823503	S30 T22S R44W	Prowers Co. CO	SSG, CG	2.585	2.610	2.651	1.0	June 1, 2015	s	38.03351	102.03022
Carder	823512	S22 T23S R43W	Hamilton CO		2.545	2.572	2.616	1.1	August 1, 2010	s	37.20735	94.32763
Carder	823513	S19 T24S R39W	Hamilton CO		2.553	2.587	2.643	1.3	June 1, 2011			
Central Paving	839001	S17 T26S R04E	Butler, Co.	CS-1	2.454	2.534	2.668	3.3	December 1, 2003	s		
Cornejo & Sons	819304	S02 T27S R01W	Sedgewick Co.		2.533	2.561	2.605	1.1	June 1, 2015	s		
Cornejo & Sons	819304	S02 T27S R01W	Sedgewick Co.		2.533	2.561	2.605	1.1	June 1, 2015	s		
Cornejo & Sons	838202	S06 T32S R03E	Cowley Co.		2.562	2.586	2.625	0.9	April 1, 2012	s		
Cornejo Mtls	820104	S34 T28S R01E	Sedgewick Co.	SSG	2.551	2.580	2.626	1.1	October 1, 2012			
Cornejo Materials	802244	S23 T28S R11E	Elk Co.	3/4	2.539	2.601	2.709	2.5	August 1, 2020			
Cornejo Mtls	820105	S14 T31S R10E	Elk Co.	CS1A, CS1	2.482	2.563	2.700	3.2	November 1, 2017	s		
Cummins Const.	CC158401	S23 T29N R22E	Ottawa Co. OK		2.516	2.563	2.640	1.9	June 1, 2006	s		
Dartmouth Sand	810401	S33 T19S R12W	Barton Co.		2.560	2.580	2.615	0.8	May 1, 2006	s	34.77073	98.40528
Dartmouth Sand	810401	S33 T19S R12W	Barton Co.		2.564	2.589	2.628	0.9	August 1, 2012		34.48068	97.21703
Dolese	809001	S36 T04N R12W	Comanche Co. OK		2.665	2.685	2.718	0.8	February 1, 2016			
Dolese	809002	S08 T01S R01E	Davis Co, OK		2.664	2.683	2.716	0.7	February 1, 2016	s	34.94803	98.81396
Dolese	809402	S32 T06N R15W	Kiowa Co. OK		2.706	2.723	2.753	0.6	June 1, 2020			
Eastern Colorado Agg	833301	S18 T23S R42W	Holly, Prowers Co, CO		2.578	2.607	2.654	1.1	August 1, 2015			
Evans And Assoc.	CC172602	S26 T29N R02 E	Kay Co. OK		2.520	2.560	2.623	1.5	December 1, 2004	c		
Flint Rock Products Pile # 2	822503	SW 1/4 S29 T29N R23E	Ottawa County, OK		2.538	2.573	2.631	1.4	April 1, 2013			
Granite Mountain	838701	S26 T01N R12W	Pulaski Co., AR		2.592	2.608	2.633	0.6	October 1, 2020			
Granite Mountain	838701	S26 T01N R12W	Sweet Home, AR		2.600	2.615	2.641	0.6	November 1, 2014			
Hamm	800931	S34 T17S R16E	Osage Co.		2.461	2.553	2.713	3.8	May 1, 2004			
Hamm	800948	S21 T02S R20E	Doniphan Co.	CS-1	2.467	2.551	2.692	3.4	May 1, 2005			
Hamm	800963	S04 T15S R04E	Dickinson Co.		2.405	2.492	2.644	3.6	August 1, 2006			
Hamm	800968	S10 T07S R10E	Pottawatomie Co.		2.447	2.524	2.651	3.2	March 1, 2012		38.85231	94.84701
Hamm (HRFD)	800977	S09 T11S R17E	Jefferson Co.		2.508	2.581	2.703	2.8	July 1, 2020			

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Producer	CMS ID Producer	Legal Description	Location	Products	Bulk Dry (Gsb)	Saturated Surf Dry	Apparent	Percent Absorb	Date Modified or Verified	Chat or SSG	Latitude	Longitude
Hamm	800968	S10 T07S R10E	Pottawatomie Co.		2.570	2.622	2.71	2.0	June 1, 2013			
Hamm	800949	S36 T11S R19E	Jefferson Co.	CS-1	2.517	2.602	2.752	3.4	July 1, 2006		38.80787	96.78781
Hamm	800955	S13 T13S R03E	Chapman	CS-1, CS-1A, CS-2	2.388	2.494	2.670	4.4	August 1, 2002			
Hamm	800955	S13 T13S R03E	Dickinson Co.	CS-1, CS-1A, CS-2	2.388	2.494	2.670	4.4	August 1, 2002			
Hamm	800964	S29 T14S R06E	Morris Co.	CS-1	2.496	2.556	2.656	2.4	July 1, 2003			
Hamm	800964	S29 T14S R06E	Morris Co.		2.470	2.558	2.676	2.9	March 1, 2008			
Hamm	800965	S03 T07S R10E	Pottawatomie Co.		2.435	2.521	2.670	3.6	July 1, 2003			
Hamm Ozawkie Formation	800915	S15 T11S R17E	Grantville-Jefferson Co		2.565	2.623	2.752	2.9	August 1, 2001			
Hamm (ARGN)	803903	S16 T14S R23E	Johnson Co.	CS-1, 3/4", CS-1A, 3/8"	2.575	2.629	2.724	2.1	June 1, 2020			
Hamm (EVCK)	800930	S16 T15S R16E	Osage Co.	CS-1	2.540	2.602	2.710	2.5	November 1, 2012			
Hamm (LVNR)	800910	S01 T12S R19E	Douglas Co.	CS-1	2.640	2.674	2.735	1.3	February 1, 2013			
Hamm (NEVA)	800967	S10 T07S R10E	Pottawatomie Co.		2.408	2.499	2.65	3.8	February 1, 2011			
Hamm (OZWK)	800977	S09 T11S R17E	Jefferson Co.		2.613	2.663	2.751	1.9	May 1, 2018		38.91467	95.06402
Hamm (RKBF)	800977	S09 T11S R17E	Jefferson Co.		2.596	2.651	2.747	2.1	July 1, 2018			
Hamm (STNR)	800907	S15 T13S R21E	Eudora-Douglas Co		2.588	2.639	2.728	2.0	June 1, 2014			
Hamm	805004	S28 T18S R25E	Miami Co.		2.527	2.587	2.689	2.4	September 1, 2005			
Hamm (WNRS)	805012	S19 T19S R25E	Linn Co.	CS-1	2.528	2.594	2.702	2.5	May 1, 2019			
Hamm (STNR)	800942	S23 T12S R21E	Leavenworth Co.		2.577	2.636	2.74	2.3	October 1, 2011			
Hamm (TRNT)	800910	S01 T12S R19E	Douglas Co.	CS-1	2.554	2.629	2.761	2.9	April 1, 2010		38.83191	94.86777
Hamm HRFD	800970	S08 T03S R20E	Doniphan Co.		2.616	2.663	2.750	1.8	May 1, 2015			
Hamm Kansas (STNR)	803903	S16 T14S R23E	Johnson Co.		2.570	2.621	2.704	2.0	October 1, 2015		38.37638	94.67629
Hamm Quarries Inc (LaCygne)	805009	S20 T19S R25E	Linn Co.		2.486	2.568	2.709	3.3	April 1, 2005			
Hamm Plattsmouth Ledge	800949	S36 T11S R19E	Jefferson Co		2.468	2.543	2.668	3.0	January 1, 2002		37.72627	100.02266
Hanson Agg (Western Rock)	826501	S10 T01S R01W	Murray Co OK		2.655	2.684	2.733	1.1	February 1, 2011	S		
Hard Rock Sand	809904	S02 T27S R25W	Ford Co.	SSG	2.561	2.587	2.629	1.0	December 1, 2013		37.77121	95.70426
Harshman	800111	S19 T26S R16E	Woodson Co.		2.508	2.588	2.728	3.2	February 1, 2002			
Harshman (Ervine Cr. Ledge)	842101	N1/2 S04 T30S R11E	Elk Co.		2.498	2.563	2.687	3.0	March 1, 2003			
Harshman (SNBD/STNR Ledge)	800111	S19 T26S R16E	Woodson Co.		2.532	2.600	2.717	2.7	January 1, 2011		38.38015	95.79847
Harshman Const.	801504	S13 T31S R10E	Elk Co.		2.486	2.566	2.701	3.2	July 1, 2010			
Harshman Const.	801517	S04 T30S R11E	Elk Co.	1/2"	2.440	2.537	2.701	3.9	April 1, 2005		36.97992	94.83575
Harshman Const. (EVCK)	801517	S04 T30S R11E	Elk Co.	3/8"	2.588	2.637	2.722	1.9	December 1, 2019	C	36.98278	94.83655
Harshman Const. (HRFD)	801510	S19 T19S R15E	Coffey Co.	-1" x 3/8	2.508	2.594	2.745	3.4	January 1, 2006	C		
Heckert (St. Joe pile Primary)	842005	S20 T29N R23E	Ottawa Co. OK		2.526	2.577	2.663	2.0	May 1, 2008	S		
Heckert (St. Joe pile Vantage East)	842004	S20 T29N R23E	Ottawa Co. OK		2.498	2.564	2.672	2.6	May 1, 2008			
Heft Sand	838501	S35 T30S R14W	Barber Co.		2.539	2.576	2.636	1.5	April 1, 2007	S		
Huber	812702	S18 T24S R33W	Finney Co.		2.556	2.584	2.629	1.1	August 1, 2011			
Humble Sand & Gavel	822502	S24 T29N R23E	Ottawa County, OK		2.488	2.543	2.627	2.1	April 1, 2001			
Humble Sand & Gavel	822502	S24 T29N R23E	Ottawa County, OK	CME	2.531	2.575	2.648	1.8	August 1, 2008			
Hunt (BFLS underground)	803512	S02 T52N R34W	Platte Co MO	-1"	2.605	2.645	2.715	1.6	January 1, 2018			
Ideker, Inc	835403	S08 T52N R30W	Clay Co. MO		2.589	2.631	2.702	1.6	July 1, 2018	S		
J&R Sand Co	814606	S01 T33S R33W	Seward Co		2.527	2.572	2.644	1.8	October 1, 2011			
Johnson County Aggregates FRLY	806701	S09 T14S R23E	Johnson Co. KS	3/4"	2.604	2.667	2.694	1.6	January 1, 2020		38.84477	94.86395
Johnson County Aggregates ARGN	806701	S09 T14S R23E	Johnson Co. KS	-3/4"	2.573	2.628	2.719	2.1	July 1, 2008		38.84507	94.86435
Johnson County Aggregates ARGN	806701	S09 T14S R23E	Johnson Co. KS	-1/2"	2.528	2.606	2.743	3.1	July 1, 2008		38.84438	94.86339
Johnson County Aggregates ARGN	806701	S09 T14S R23E	Johnson Co. KS	-3/4"	2.599	2.644	2.720	1.7	October 1, 2010		38.84492	94.86620
Johnson County Aggregates FRLY	806701	S09 T14S R23E	Johnson Co. KS		2.622	2.662	2.732	1.5	June 1, 2010		38.84645	94.86367
Johnson County Aggregates SPGH	806701	S09 T14S R23E	Johnson Co. KS	-3/4"	2.512	2.592	2.731	3.2	October 1, 2009		38.84657	94.86459

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Johnson County Aggregates SPGH	806701	S09 T14S R23E	Johnson Co. KS	-1"	2.531	2.603	2.730	2.9	August 1, 2015			
Johnson County Aggregates STNR	806701	S09 T14S R23E	Johnson Co. KS		2.584	2.630	2.709	1.8	April 1, 2012		37.11982	94.40110
Johnson Sand	818901	S31 T14S R02W	Salina		2.564	2.606	2.676	1.6	May 1, 2006			
Joplin Stone (WRSW)	807101	S26 T28N R32W	Jasper Co. MO	-3/8 Dirty	2.473	2.550	2.680	3.1	May 1, 2013	S		
Kinsley Redi Mix	835101	S35 T24S R19W	Edwards Co.		2.548	2.581	2.633	1.3	September 1, 2014	S		
Klaver	813401	S20 T26S R26W	Ford Co.		2.550	2.580	2.630	1.2	December 1, 2004	S		
Klaver	813403	S04 T28S R13W	Pratt Co.		2.552	2.582	2.632	1.2	July 1, 2007	S		
Klotz	812602	S16 T24S R34W	Finney Co.		2.560	2.590	2.640	1.2	April 1, 2013	S		
Klotz	812603	S16 T24S R33W	Finney Co.		2.560	2.590	2.640	1.2	October 15, 2004			
Klotz	812604	S35 T24S R39W	Hamilton Co.		2.518	2.565	2.644	1.9	December 1, 2006	S		
Klotz	812809	S03 T25S R36W	Kearny Co.		2.575	2.599	2.638	0.9	May 1, 2014	S	39.14949	94.40087
Konza Const.	813601	S27 T11S R05E	Geary Co.		2.525	2.555	2.602	1.2	August 1, 2013			
Lafarge Corp (BFLS)	600609	S13 T50N R32W	Jackson Co. MO	-3/4"	2.600	2.641	2.711	1.6	September 1, 2011	S		
Lakeside S&G	844705	S03 T02N R33W	Hitchcock Co. NE		2.507	2.547	2.612	1.6	March 1, 2014			
Larned Sand	817401	S04 T22S R16W	Pawnee Co.		2.543	2.561	2.600	1.0	January 1, 2000			
Martin Marietta	802454	S10 T13S R04E	Dickinson Co.		2.648	2.673	2.714	0.9	January 1, 2020		38.84522	96.96287
Martin Marietta	800310	S13 T16S R19W	Franklin Co.		2.518	2.588	2.704	2.7	April 1, 2000			
Martin Marietta	802323	S10 T13S R04E	Chapman	CS1-A	2.487	2.564	2.693	3.1	July 1, 2002			
Martin Marietta	802402	S14 T14S R04E	Dickinson Co.		2.448	2.527	2.649	3.2	May 1, 2007			
Martin Marietta (EVCK)	802458	S35 T01N R12E	Pawnee Co. NE		2.512	2.577	2.689	2.6	August 1, 2020			
Martin Marietta	802434	S36 T01N R12E	Pawnee Co. NE		2.499	2.570	2.690	2.9	December 1, 2004			
Martin Marietta	802442	S34 T10S R09E	Riley Co.		2.492	2.570	2.700	3.1	October 1, 1999			
Martin Marietta	802446	S10 T14S R4E	Dickinson Co.		2.469	2.540	2.656	2.9	April 1, 2008			
Martin Marietta	802453	S10 T10N R11E	Cass Co. NE	-3/8 ManSand, 1/4" chips	2.623	2.660	2.724	1.4	July 1, 2006			
Martin Marietta	802454	S10 T13S R04E	Dickinson Co.	CS-1	2.543	2.597	2.689	2.1	December 1, 2004			
Martin Marietta	802458	S35 T01N R12E	Pawnee Co. NE		2.473	2.556	2.698	3.4	June 1, 2015			
Martin Marietta (LFRLY)	803501	S09 T13S R22E	Johnson Co. KS	3/4"	2.526	2.591	2.702	2.6	June 1, 2019			
Martin Marietta	808502	S29 T32S R08E	Winfield		2.508	2.567	2.661	2.2	April 1, 2000			
Martin Marietta	808701	S20 T02S R05E	Johnston Co., OK	-3/4"	2.631	2.647	2.673	0.6	January 1, 2019			
Martin Marietta	833901	S07 T13N R69W	Laramie Co., Wy		2.768	2.777	2.793	0.3	June 1, 2017			
Martin Marietta	808701	S20 T02S R05E	Johnston Co., OK	-1"	2.653	2.665	2.686	0.5	May 1, 2020		38.81813	94.32591
Martin Marietta	802401(2)	S11 (S14) T14S R04E	Woodbine	CS-1, CS-1A	2.474	2.560	2.660	2.8	November 1, 1999			
Martin Marietta (BFLS)	802451	S11 T46N R31W	Cass Co. MO		2.597	2.641	2.714	1.7	December 1, 2019			
Martin Marietta (BFLS)	807301	S36 T50N R34W	Riverside, MO	-3/4	2.588	2.632	2.706	1.7	January 1, 2005		37.59893	96.17162
Martin Marietta (BFLS)	807301	S36 T50N R34W	Riverside, MO	-5/16	2.555	2.615	2.717	2.4	January 1, 2005		37.59893	96.17162
Martin Marietta (BFLS)	808103	S03 T46N R31E	Greenwood MO	-3/4, -3/8	2.604	2.646	2.718	1.7	January 1, 2005		37.59893	96.17162
Martin Marietta (EVCK)	802244	S23 T28S R11E	Elk Co.	1/4"chips	2.426	2.536	2.724	4.5	February 1, 2007			
Martin Marietta (EVCK)	802244	S23 T28S R11E	Elk Co.	CS-1(-1"), CS-2, 1/2"chips	2.514	2.581	2.730	2.7	February 1, 2007			
Martin Marietta (EVCK)	802244	S23 T28S R11E	Elk Co.	mansand	2.475	2.559	2.701	3.4	February 1, 2007			
Martin Marietta (EVCK)	802244	S23 T28S R11E	Elk Co.	-1"	2.502	2.568	2.677	2.6	January 1, 2016			
Martin Marietta (unkwn)	802244	S23 T28S R11E	Elk Co.	1/4" Chips	2.449	2.533	2.674	3.4	May 1, 2019		34.35341	96.85979
Martin Marietta (unkwn)	802244	S23 T28S R11E	Elk Co.	3/4"	2.513	2.580	2.692	2.5	May 1, 2016			
Martin Marietta (OK)	840402	S26 T02S R04E	Johnston Co., OK		2.772	2.797	2.842	0.9	February 1, 2014			
Meridian Agg.	808701	S20 T02S R05E	Mill Creek, OK		2.636	2.646	2.663	0.4	April 1, 2001			
Meridian Agg.	833902	S13 T02N R18W	Kiowa Co, OK		2.600	2.604	2.611	0.2	April 1, 2001			
Mid-States Materials	800302	S01 T23S R19E	Anderson Co.	-3/4"	2.577	2.627	2.712	1.9	August 1, 2014			
Mid-States Materials	843501	S21 T15 R16E	Osage Co.		2.529	2.585	2.680	2.2	December 1, 2004			
Mid-States Materials (SPGH)	803507	S12 T23S R17E	Anderson Co.	1/2" chips	2.507	2.576	2.692	2.8	May 1, 2020			
Mid-States Materials (OZWK)	843507	S26 T12S R17E	Douglas Co.		2.555	2.626	2.750	2.8	April 1, 2020			



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Mid-States Materials (FRLY)	826101	S08 T15S R22E	Johnson Co. KS	-1"	2.541	2.602	2.707	2.4	December 1, 2019			
Midwest Minerals (LBRD)	801703	S31 T27S R24E	Crawford Co.	3/4	2.541	2.596	2.690	2.2	May 1, 2019		38.98267	95.50722
Mid-States Materials (EVCK)	843509	S16 T15S R16E	Osage Co.		2.555	2.608	2.698	2.1	March 1, 2020			
Mid-States Materials (EVCK)	843507	S26 T12S R17E	Douglas Co.		2.527	2.597	2.718	2.8	February 1, 2019			
Mid-States Materials (CPCK)	826101	S08 T15S R22E	Johnson Co. KS	-1"	2.498	2.574	2.704	3.1	February 1, 2017		38.98323	95.48802
Mid-States Materials (EVCK)	802433	S23 T12S R17E	Douglas Co.		2.488	2.568	2.705	3.3	January 1, 2008			
Mid-States Materials (EVCK)	843503	S21 T15S R16E	Osage Co.	-3/4"	2.523	2.581	2.679	2.3	December 1, 2017			
Mid-States Materials (EVCK)	843505	S26 T12S R17E	Douglas Co.		2.510	2.582	2.704	2.9	May 1, 2014			
Mid-States Materials (FRLY)	826101	S08 T15S R22E	Johnson Co. KS	-3/4"	2.562	2.623	2.727	2.2	June 1, 2015			
Mid-States Materials (OWZK)	802433	S23 T12S R17E	Douglas Co.	CS-1	2.523	2.609	2.761	3.4	September 1, 2010			
Mid-States Materials (OZWK)	843505	S26 T12S R17E	Douglas Co.		2.562	2.627	2.739	2.5	October 1, 2015			
Mid-States Materials (RKBF)	843503	S21 T15S R16E	Osage Co.	CS-1	2.646	2.674	2.722	1.1	January 1, 2013			
Mid-States Materials (RKBF)	843503	S21 T15 R16E	Osage Co.		2.636	2.667	2.725	1.2	August 1, 2015			
Mid-States Materials (RKBF)	843505	S26 T12S R17E	Douglas Co.		2.586	2.634	2.736	1.8	November 1, 2015			
Mid-States Materials (SPGH)	800317	S01 T17S R20E	Franklin Co.	3/4"	2.519	2.597	2.732	3.1	May 1, 2018			
Mid-States Materials (SPGH)	805108	S30 T21S R20E	Anderson Co.	3/4	2.562	2.613	2.700	2.0	June 1, 2020			
Mid-States Materials (SPGH)	826101	S08 T15S R22E	Johnson Co. KS	-3/4"	2.474	2.563	2.714	3.6	October 1, 2019	S		
Midwest Concrete (MCM)	813601	S27 T11S R05E	Geary Co.		2.517	2.552	2.609	1.4	August 1, 2019			
Midwest Concrete	818601	S31 T10S R08E	Riley Co.		2.570	2.598	2.645	1.1	July 1, 2010			
Midwest Minerals	801705	S06 T35S R21E	Labette Co.	Mansand	2.502	2.578	2.708	3.0	March 1, 2008			
Midwest Minerals	801713	S13 T27S R16E	Wilson Co.		2.528	2.588	2.690	2.4	May 1, 2003		37.53576	95.32940
Midwest Minerals	801716	S09 T30N R30W	Barton Co, MO		2.630	2.655	2.699	1.0	December 1, 2002		37.33814	95.53600
Midwest Minerals (CPCK)	801709	S16 T32S R15E	Montgomery Co.		2.558	2.615	2.712	2.2	May 1, 2010		37.53553	95.32708
Midwest Minerals (WNRS)	801708	S22 T31S R17E	Montgomery Co.	3/4", Chips, Scrngs	2.530	2.598	2.716	2.7	March 1, 2015		37.04469	95.52620
Midwest Minerals (WNRS)	801711	S09 T29S R19E	Neosho Co.	CS-1 (3/4)	2.517	2.588	2.708	2.8	September 1, 2006		37.53576	95.32940
Midwest Minerals (WNRS)	801711	S09 T29S R19E	Neosho Co.	CS-1A 1/2 chips)	2.454	2.544	2.686	3.5	September 1, 2006		37.53553	95.32708
Midwest Minerals (WNRS)	801711	S09 T29S R19E	Neosho Co.	CS-1, CS-1A	2.456	2.543	2.690	3.6	November 1, 2010		37.27630	95.27959
Midwest Minerals (WNRS)	801711	S09 T29S R19E	Neosho Co.	Mansand (CS-2)	2.487	2.575	2.726	3.5	November 1, 2010		37.03208	95.15115
Midwest Minerals (AMRT)	801707	S34 T34S R17E	Montgomery Co.	CS-1, CS-1A	2.528	2.595	2.710	2.6	August 1, 2010			
Midwest Minerals (BKJG)	801705	S06 T35S R21E	Labette Co.	CS-1/CA-5	2.538	2.597	2.696	2.3	May 1, 2018		37.26981	95.76734
Midwest Minerals (BKJG)	801724	S25 T31S R21E	Cherokee Co.		2.551	2.611	2.713	2.3	June 1, 2018		37.25991	95.91144
Midwest Minerals (CPCK)	801709	S09 T32S R15E	Montgomery Co.	CS-1, CS-1a	2.578	2.634	2.732	2.2	November 1, 2014		37.04494	95.52790
Midwest Minerals (STNR)	801710	S18 T32S R14E	Montgomery Co.		2.638	2.670	2.725	1.2	November 1, 2017		37.27997	95.28111
Midwest Minerals (WRLD)	801707	S34 T34S R17E	Montgomery Co.		2.437	2.534	2.698	4.0	July 1, 2014			
Midwest Minerals (WRLD)	801719	S12 T32S R19E	Labette Co.	Chips	2.590	2.638	2.721	1.9	November 1, 2017			
Midwest Minerals (WRLD)	801719	S12 T32S R19E	Labette Co.	CS-1, CS-1A	2.584	2.632	2.715	1.9	December 1, 2007	S		
Midwests Materials	806302	S07 T03S R05E	Washington Co.		2.557	2.581	2.621	1.0	August 1, 2009			
N.A.P. Co (AMZN)	802439	S28 T59N R35W	Andrew Co. MO	CS-1	2.615	2.664	2.748	1.9	July 1, 2007			
N.A.P. Co (AMZN)	802439	S28 T59N R35W	Andrew Co. MO	3/4"	2.628	2.673	2.751	1.7	May 1, 2020			
N.A.P. Co (KRFD)	802439	S28 T59N R35W	Andrew Co. MO		2.596	2.641	2.718	1.7	July 1, 2014			
Nelson Quarries	800107	S25 T30S R15E	Wilson Co.		2.585	2.640	2.720	2.1	May 1, 2000			
Nelson Quarries	800117	S15 T31S R17E	Montgomery Co.	CS-1, CS-1A	2.505	2.582	2.714	3.0	September 1, 2003			
Nelson Quarries	800118	S25 T24S R20E	Allen Co.		2.499	2.575	2.705	3.1	May 1, 2000			
Nelson Quarries	800119	S20 T23S R19E	Allen Co.		2.562	2.614	2.705	3.0	May 1, 2000			
Nelson Quarries	800120	S17T25SR24E	Bourbon Co.		2.545	2.570	2.662	2.2	July 1, 2001			
Nelson Quarries	800125	S34 T19S R14E	Coffey Co.		2.529	2.606	2.741	3.1	December 1, 2006		38.18572	95.25097
Nelson Quarries (HRFD)	800125	S34 T19S R14E	Coffey Co.	3/4	2.523	2.597	2.725	2.9	February 1, 2019		37.86800	94.78930
Nelson Quarries (BFLS)	800126	S17 T25S R24E	Bourbon Co.		2.576	2.623	2.702	1.8	September 1, 2009		37.91222	95.32786

## October 2022 LETTING PROCEDURE I SPECIFIC GRAVITIES

Producer	CMS ID Producer	Legal Description	Location	Products	Bulk Dry (Gsb)	Saturated Surf Dry	Apparent	Percent Absorb	Date Modified or Verified	Chat or SSG	Latitude	Longitude
Nelson Quarries (LBRD)	800124	S17 T25S R24E	Bourbon Co.	-1/2", mansand	2.539	2.591	2.679	2.0	July 1, 2018			
Nelson Quarries (RYTN)	800101	S33 T24S R19E	Allen Co.		2.491	2.564	2.681	2.9	July 1, 2018			
Nelson Quarries (STNR)	800110	S36 T27S R15E	Wilson Co.		2.541	2.613	2.716	2.5	September 1, 2009			
Nelson Quarries (TRNT)	801924	S26 T25S R13E	Woodson Co.	-1/2" CS-1A	2.550	2.617	2.732	2.6	October 1, 2015			
Nelson Quarries (TRNT)	801924	S26 T25S R13E	Woodson Co.	-3/4" CS-1	2.590	2.646	2.742	2.1	January 1, 2016			
Nelson Quarries (TRNTY)	801508	S11 T24S R15E	Woodson Co.	CS-1, CS-1A	2.588	2.644	2.741	2.2	October 1, 2004	S	40.22425	100.42759
Paulsen Sand & Gr.	824301	S19 T03N R30W	Red Willow Co., NE		2.502	2.542	2.609	1.6	March 1, 2001	S	38.64124	95.15901
Paulsen Sand & Gr.	824503	S13 T03N R28W	Red Willow Co., NE		2.510	2.544	2.610	1.6	January 1, 2010		38.64257	95.15931
Penny's Conc. (CPCCK)	800309	S23 T16S R20E	Franklin Co.		2.542	2.601	2.700	2.3	October 1, 2013		38.64302	95.15793
Penny's Conc. (SPGH)	800309	S23 T16S R20E	Franklin Co.		2.521	2.589	2.705	2.7	February 1, 2016			
Penny's Conc. (STNR)	800309	S23 T16S R20E	Franklin Co.		2.549	2.596	2.675	1.9	February 1, 2012			
Penny's Conc., Inc.	826802	S26 T12S R20E	Douglas Co.		2.540	2.580	2.630	1.3	May 1, 2000			
Popejoy Const., Inc.	812809	S03 T25S R36W	Kearny Co.		2.572	2.591	2.635	1.0	December 1, 2004	S		
Quik Sand	820101	S30 T26S R01E	Sedgewick Co.		2.540	2.565	2.605	1.0	September 1, 2002	S		
Quik Sand	820103	S23 T26S R01W	Sedgewick Co.		2.556	2.579	2.616	0.9	August 1, 2006			
Quik Sand	820104	S34 T28S R01E	Sedgewick Co.		2.532	2.568	2.628	1.4	August 1, 2006	S		
Raymond Sand	818201	S28 T20S R10W	Rice Co.		2.567	2.590	2.626	0.9	January 1, 2016			
RBK Const. (Basalt)	848701	S07 T33S R50W	Baca Co. CO		2.678	2.734	2.837	2.0	February 1, 2017			
Shawnee Rock (Argentine Ledge)	803705	S10 T14S R23E	Johnson Co.	-3/4"	2.597	2.645	2.728	1.8	April 1, 2005		38.85213	94.84732
Shawnee Rock (Argentine Ledge)	803706	S12 T12S R23E	Johnson Co.		2.519	2.590	2.711	2.8	May 1, 2005			
Shawnee Rock (ARGN Ledge)	803701	S01 T12S R23E	Johnson Co.		2.557	2.612	2.703	2.1	July 1, 2006		38.85159	94.84868
Shawnee Rock (ARGN Ledge)	803705	S10 T14S R23E	Johnson Co.	-3/4"	2.585	2.636	2.725	2.0	September 1, 2008		39.02871	94.80701
Shawnee Rock (Captains Creek Ledge)	803705	S10 T14S R23E	Johnson Co.		2.538	2.607	2.728	2.7	June 1, 2003		38.85158	94.84464
Shawnee Rock (CPCCK Ledge)	803705	S10 T14S R23E	Johnson Co.		2.561	2.621	2.724	2.4	October 1, 2009			
Shawnee Rock (DRUM Ledge)	803701	S01 T12S R23E	Johnson Co.		2.561	2.621	2.726	2.4	August 1, 2009			
Shawnee Rock (Farley Ledge)	803705	S10 T14S R23E	Johnson Co.		2.624	2.661	2.724	1.4	September 1, 2007			
Shawnee Rock (LFRLY Ledge)	803701	S01 T12S R23E	Johnson Co.		2.503	2.585	2.726	3.3	September 1, 2008		38.85145	94.84608
Shawnee Rock (Ledge)	803701	S01 T12S R23E	Johnson Co.		2.592	2.650	2.754	2.3	October 1, 2006		38.85153	94.84715
Shawnee Rock (RYTN Ledge)	803703	S06 T12S R24E	Johnson Co.	-3/4"	2.586	2.651	2.764	2.5	May 1, 2004			
Shawnee Rock (Springhill Ledge)	803705	S10 T14S R23E	Johnson Co.	-3/4"	2.518	2.598	2.738	3.2	May 1, 2007			
Shawnee Rock (STNR Ledge)	803705	S10 T14S R23E	Johnson Co.		2.566	2.621	2.716	2.1	July 1, 2006	S		
Shawnee Rock (Stoner Ledge)	803705	S10 T14S R23E	Johnson Co.		2.530	2.595	2.707	2.6	January 1, 2002	S		
Smith Sand	810503	S14 T24S R33W	Finney Co.		2.560	2.580	2.630	1.1	January 1, 2000	S		
Smith Sand	810506	S14 T24S R37W	Kearny Co.		2.542	2.572	2.621	1.2	April 1, 2002		93.22149	37.22456
Smith Sand	810516	S30 T23S R42W	Hamilton County		2.552	2.590	2.662	1.7	April 1, 2003			
Southway	835201	S07 T26N R36E	Clayton NM	1"	2.680	2.724	2.820	2.0	March 1, 2003	S		
Springfield Underground (BLTN)	807001	S10 T29N R21W	Greene Co. MO	5/16" chips	2.631	2.656	2.698	0.9	June 1, 2011	S		
Sterling Sand	818301	S04 T22S R08W	Rice Co.		2.550	2.593	2.633	0.9	January 1, 2000			
*	810201	S32 T19S R13W	Barton Co.		2.552	2.580	2.624	1.1	January 1, 2000			
Trager LS BFLS	847701	S06 T57N R26W	Caldwell Co. MO		2.541	2.593	2.669	2.0	July 1, 2014			
Trap Rock And Granite	845303	S12 T34N R03E	Iron Co. MO	-3/4"	2.680	2.684	2.691	0.2	November 1, 2017	S		
Venture	810120	S15 T29S R15W	Pratt Co.		2.570	2.595	2.634	1.0	April 1, 2012			
Versatile Construction	848201	S17 T35N R26W	Union Co. NM		2.702	2.761	2.869	2.1	April 1, 2016			
VJ Stone	844601	S25 T06N R14W	Kiowa Co.		2.678	2.695	2.726	0.7	March 1, 2008		38.37957	94.67730
Wade Limestone	805007	S32 T19S R23E	Linn Co.		2.493	2.574	2.714	3.3	December 1, 2002		38.35178	94.89546
Wade Limestone (WNRS)	805002	S20 T19S R25E	Linn Co.	CS-1A, CS-2, Mansand	2.495	2.575	2.709	3.2	December 1, 2014		38.35178	94.89546
Wade Limestone (WNRS)	805007	S32 T19S R23E	Linn Co.	CS-1, CS-1A	2.563	2.610	2.703	2.1	May 1, 2016		38.31148	95.20013
Wade Limestone (WNRS)	805007	S32 T19S R23E	Linn Co.	Screenings	2.485	2.571	2.721	3.5	May 1, 2016			



## October 2022 LETTING PROCEDURE I SPECIFIC GRAVITIES

<u>Producer</u>	<u>CMS ID</u> <u>Producer</u>	<u>Legal Description</u>	<u>Location</u>	<u>Products</u>	<u>Bulk Dry</u> <u>(Gsb)</u>	<u>Saturated</u> <u>Surf Dry</u>	<u>Apparent</u>	<u>Percent</u> <u>Absorb</u>	<u>Date Modified</u> <u>or Verified</u>	<u>Chat or</u> <u>SSG</u>	<u>Latitude</u>	<u>Longitude</u>
Wade Quarries (SPGH)	805011	S16 T20S R20E	Anderson Co.	-3/4"	2.436	2.519	2.658	3.4	July 1, 2013			
Whitaker (RDEG)	803511	S12 T34S R07E	Cowley Co.	-3/4	2.466	2.542	2.672	3.1	January 1, 2020		37.25346	96.53782
Whitaker	800205	S12 T34S R07E	Cowley Co.	Screenings/buckshot	2.456	2.548	2.704	3.7	June 1, 2006			
Whitaker	800205	S12 T34S R07E	Cowley Co.	1/2" chips	2.480	2.559	2.695	3.2	February 1, 2007			
Whitaker	802444	S21 T32S R08E	Cowley Co.	CS-2	2.491	2.562	2.681	2.8	March 1, 2007			
Whitaker	802444	S21 T32S R08E	Cowley Co.	CS-1, CS-1A	2.490	2.561	2.681	2.9	October 1, 2015			
Whitaker	847201	S20 T32S R08E	Cowley Co.	-3/4	2.531	2.588	2.685	2.3	November 1, 2017			
Whitaker	847201	S20 T32S R08E	Cowley Co.	-1/2	2.478	2.556	2.689	3.2	July 1, 2017		38.34611	95.25411
Whitaker (BNNTR)	847201	S20 T32S R08E	Cowley Co.	Mansand	2.486	2.569	2.709	3.3	October 1, 2020		38.98884	94.87237
Whitaker	800205	S12 T34S R07E	Cowley Co.	1/2", 3/4"	2.540	2.595	2.688	2.2	October 1, 2017		38.34611	95.25411
Whitaker (CPK/SP)	800201	S01 T20S R19E	Anderson Co.	1/2" chips (W3)	2.509	2.586	2.717	3.0	September 1, 2012		38.34611	95.25411
Whitaker (CPK/SP)	800201	S01 T20S R19E	Anderson Co.	mansand	2.450	2.549	2.719	4.0	September 1, 2012		38.11569	94.81990
Whitaker (CPK/SP)	800201	S01 T20S R19E	Anderson Co.	-3/4 (W4)	2.477	2.564	2.712	3.5	March 1, 2013		38.11569	94.81991
Whitaker (Mound City) BFLS Ledge	800208	S19 T22S R24E	Linn Co.	Screenings	2.428	2.509	2.643	3.4	October 1, 2013		38.17306	95.22595
Whitaker (Savonburg) BFLS Ledge	800208	S19 T22S R24E	Linn Co.	1/2" Chips	2.448	2.517	2.629	2.8	November 1, 2013		37.10905	96.61957
Whitaker (SNBD/ST)	800304	S32 T21S R19E	Anderson Co.	-3/4"	2.550	2.606	2.700	2.2	February 1, 2015			
Whitaker NEVA	800205	S12 T34S R07E	Cowley Co.		2.550	2.603	2.692	2.1	July 1, 2013			
Whitfield Sand	813411	S20 T21S R07W	Rice Co.		2.557	2.583	2.624	1.0	February 1, 2002	S		
WKDC LLC	849901	S15 T25S R36W	Kearny Co.		2.569	2.595	2.646	1.0	May 1, 2020			
Ysidro Sand	847401	S25T29SR01E	Sedgwick County		2.540	2.569	2.615	1.1	March 1, 2013			

**October 2022 LETTING  
PROCEDURE II SPECIFIC GRAVITIES**

Producer	CMS ID Producer	Legal Description	Location	Products	Bulk Dry (Gsb)	Saturated Surf Dry	Percent Apparent Absorp	Date Modified or Verified	Chat or SSG	Latitude	Longitude
Air Capital Materials	850701	S22 T26S R01W	Segewick Co.		2.600	2.620	2.651	0.6	February 1, 2022		
Alsop	811105	S27 T05S R03W	Cloud Co.		2.610	2.619	2.634	0.4	August 1, 2020	s	
Alsop	811114	S05 T04S R04W	Republic Co.		2.597	2.610	2.629	0.5	September 1, 2020	s	39.73909 97.78814
American S&G	811116	S08 T15S R02W	Saline Co.		2.627	2.636	2.652	0.3	November 1, 2020	s	
Anchor Stone (WRSW)	836402	S34 T28N R32W	Jasper Co. MO	Mansand	2.530	2.591	2.694	2.4	May 1, 2021		37.10327 94.40710
APAC Kansas	826018	S24 T12S R08W	Lincoln Co.		2.607	2.634	2.676	1.0	November 1, 2021		
APAC-Allied	811607	S26 T15S R19W	Ellis Co		2.634	2.641	2.652	0.3	May 1, 2019	S	
APAC-Shears	801934	S21 T23S R05W	Reno Co.		2.597	2.609	2.621	0.4	December 1, 2020	s	
Ashland Agg.	849303	S34 T32S R23W	Clark Co.		2.653	2.693	2.750	1.6	December 1, 2021		
Associated	819904	S12 T30S R01E	Sumner County		2.594	2.612	2.642	0.7	July 1, 2018	s	
Associated	819905	S14 T26S R01W	Sedgwick County		2.600	2.616	2.642	0.6	October 1, 2018	S	
Bayer Const. Co. (TRKO)	802445	S04 T11S R09E	Riley Co.	1/4" Screenings, Mansand	2.520	2.581	2.683	2.4	March 1, 2021		
Bayer Const. Co.	801834	S01 T13S R04E	Dickinson Co.	Mansand	2.538	2.611	2.738	2.9	April 1, 2022		
Beatrice S&G	824603	S04 T03N R01W	Thayer Co. NE	SSG	2.590	2.604	2.630	0.6	July 1, 2019	s	
Beyer Crushed Rock Co (BFLS)	806901	S26 T45N R33W	Cass Co. MO	Dust	2.508	2.585	2.722	3.1	June 1, 2021		
Big Creek Sand & Gravel	851101		Carson Co. TX		2.600	2.641	2.712	1.6	January 1, 2022		
Bladen	824205	S16 T02N R10W	Webster Co. NE		2.609	2.620	2.639	0.5	July 1, 2022	S	
Blue River Sand	805404	S25 T04S R06E	Marshall Co.		2.590	2.625	2.650	1.6	November 1, 2020	s	
Builders Choice	845601	S20 T11S R15E	Shawnee Co.	SSG	2.596	2.611	2.637	0.6	February 1, 2021	S	
Carthage Crushed	848001	S29 T29N R31W	Jasper Co. MO		2.679	2.693	2.718	0.5	June 1, 2022		
Central Sand	848601	S22 T26S R01W	Sedgwick County	SSG	2.610	2.621	2.635	0.4	August 1, 2020	S	
Concrete Enterprise	813403	S04 T28S R13W	Pratt Co.		2.603	2.617	2.639	0.5	October 1, 2020	s	
Cornejo & Sons	819304	S02 T27S R01W	Sedgwick Co.		2.621	2.627	2.636	0.2	May 1, 2019	S	
Cornejo & Sons	838202	S06 T32S R03E	Cowley Co.		2.596	2.610	2.633	0.6	May 1, 2021	s	
Cornejo Stone	801504	S13 T31S R10E	Elk Co.		2.515	2.597	2.738	3.2	September 1, 2022		
Cornejo Mtls (Riverside)	819301	S35 T26S R01W	Sedgwick Co.		2.609	2.625	2.651	0.6	July 1, 2022	s	
Cornejo Mtls	820103	S23 T26S R01W	Sedgwick Co.	SSG	2.603	2.614	2.630	0.4	August 1, 2020	s	
Deweese Snd/Grvl	825001	S17 T01N R07W	Nuckolls Co. NE		2.595	2.613	2.642	0.7	November 1, 2018	s	
Dodge City Sand	813102	S32 T26S R25W	Ford Co.		2.601	2.610	2.640	0.7	December 1, 2019	s	
Dolese	809405	S31 T06N R15W	Roosevelt, OK	CS-2	2.673	2.698	2.741	0.9	May 1, 2021		
Eakins Sand	817302	S08 T22S R16W	Pawnee Co.		2.595	2.610	2.632	0.5	May 1, 2021	s	38.15791 99.11149
Flint Rock #5	822506	S20 T29N R23E	Ottawa County, OK	CME	2.592	2.617	2.660	0.8	July 1, 2020	c	
Flint Rock #5	822506	S20 T29N R23E	Ottawa County, OK	Dragsand	2.570	2.605	2.665	1.5	July 1, 2020	c	
Flint Rock Products Pile # 2	822503	SW 1/4 S29 T29N R23E	Ottawa County, OK		2.546	2.591	2.667	1.8	March 1, 2020	c	36.96011 94.84968
Gravel and Concrete	832701	S15 T22S R07W	Reno Co.		2.588	2.608	2.639	0.7	July 1, 2018	s	
Hamm (CPCK)	800907	S15 T13S R21E	Eudora-Douglas Co		2.494	2.591	2.761	3.9	November 1, 2021		
Hamm (FRLY)	800907	S15 T13S R21E	Eudora-Douglas Co		2.469	2.569	2.744	4.0	February 1, 2022		
Hamm (STNR)	800907	S15 T13S R21E	Eudora-Douglas Co	MNSND	2.572	2.628	2.724	2.2	April 1, 2022		
Hamm (BFLS)	842701	S07 T47N R30W	Jackson Co., MO	-3/4	2.517	2.578	2.707	2.8	March 1, 2022		
Hamm (FRLYARG)	804008	S07 T16S R25E	Miami Co	Mansand	2.523	2.592	2.709	2.7	May 1, 2022		
Hamm (FRLY)	803705	S10 T14S R23E	Johnson Co.	Dust	2.582	2.632	2.719	1.9	February 1, 2022		
Hamm (ARGN)	803903	S16 T14S R23E	Johnson Co.	Dust	2.560	2.617	2.713	2.2	February 1, 2022		
Hamm (FRLY)	803903	S16 T14S R23E	Johnson Co.	Dust	2.549	2.625	2.764	3.1	March 1, 2021		
Hamm HRFD	800970	S08 T03S R20E	Doniphan Co.		2.505	2.594	2.750	3.5	January 1, 2022	s	
Hamm	800975	S29 T14S R06E	Morris Co.		2.486	2.564	2.696	3.2	April 1, 2022		
Hamm (NEVA)	800950	S03 T07S R10E	Pottawatomie Co.		2.439	2.537	2.705	4.0	August 1, 2022		
Hamm	800976	S15 T14S R04E	Dickinson Co.		2.391	2.505	2.697	4.7	May 1, 2022		
Hamm Quarries Inc (Cadmus)	805007	S32 T19S R23E	Linn Co.		2.541	2.605	2.715	2.5	October 1, 2022	s	
Hamm Quarries Inc (DeSoto Sand)	811703	S24 T12S R22E	Leavenworth Co.		2.600	2.610	2.646	0.9	September 1, 2021		
Hamm Quarries Inc (Lacygne)	805012	S19 T19S R25E	Linn Co.	Mansand	2.484	2.569	2.715	3.4	April 1, 2022		
Harshman Const (PLSM)	801512	S25 T18S R16E	Osage Co.		2.428	2.528	2.682	4.2	May 1, 2022	s	

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Producer	CMS ID Producer	Legal Description	Location	Products	Bulk Dry (Gsb)	Saturated Surf Dry	Percent Apparent Absorp	Date Modified or Verified	Chat or SSG	Latitude	Longitude
Harshman Const.	801517	S04 T30S R11E	Elk Co.	Screenings	2.480	2.568	2.721	3.6	December 1, 2019	S	
Hartford S&G	824802	S30T10SR08E	Riley Co.	SSG	2.594	2.606	2.624	0.4	October 1, 2019	s	38.64956 98.03405
Hi-Plains Sand	CC130704	S19 T16S R06W	Ellsworth Co.		2.628	2.642	2.655	1.1	December 1, 2019	S	
Holliday Sand	815401	S32 T11S R23E	Johnson Co.	SSG	2.597	2.610	2.631	0.5	April 1, 2020	s	
Holliday Sand Mo. River	815404	S9 T50N R33W	Riverside, Missouri	SSG	2.606	2.621	2.646	0.6	May 1, 2018	S	
Holliday Sand Mo. River	815406	S20 T57N R35W	Buchanan Co. MO	SSG	2.604	2.615	2.634	0.5	August 1, 2018	s	
Holliday Sand Mo. River	815407	S10 T50N R32W	Randolph, Missouri	SSG	2.599	2.617	2.647	0.7	May 1, 2018		
Huber	835801	S17 T24S R40W	Hamilton Co.		2.610	2.620	2.630	0.3	August 1, 2020	s	37.95444 100.84933
Huber	812701	S21 T24S R32W	Finney Co.		2.609	2.620	2.640	0.4	August 1, 2020		
Huber	812705	S19 T25S R30W	Gray Co		2.608	2.618	2.633	0.4	October 1, 2022	s	
Iron Mountain Trap Rock	823701	S30 T35N R04E	St Francois Co MO		2.567	2.598	2.639	1.2	February 1, 2021	S	
J & R Sand	822001	S15 T03N R21E	Beaver Co, OK		2.645	2.679	2.739	1.3	August 1, 2023		
Johnson County Aggregates CPOK	806701	S09 T14S R23E	Johnson Co, KS		2.524	2.605	2.745	3.2	April 1, 2021		
Johnson County Aggregates FRLY	806701	S09 T14S R23E	Johnson Co, KS		2.599	2.645	2.724	1.8	February 1, 2022	s	38.78218 97.57118
Johnson County Aggregates STNR	806701	S09 T14S R23E	Johnson Co. KS	Chips	2.550	2.610	2.712	2.3	January 1, 2021	S	37.12422 94.39609
Johnson Sand	818902	S 05 T15S R02W	Salina		2.617	2.631	2.655	0.5	September 1, 2021	S	
Joplin Stone	807101	S26 T28N R32W	Jasper Co. MO	3/8-, Mansand, Screenings	2.525	2.584	2.682	2.3	April 1, 2021	S	
Kansas Sand	830903	S21 T11S R14E	Shawnee Co.		2.602	2.611	2.627	0.4	March 1, 2018	s	
Klotz	812605	S31 T24S R31W	Finney Co.		2.602	2.618	2.646	0.6	July 1, 2018	S	
Klotz	812607	S02 T25S R36W	Kearny Co.		2.592	2.602	2.619	0.4	September 1, 2020		
Klotz	814202	S18 T24S R40W	Hamilton Co.		2.586	2.604	2.648	0.7	December 1, 2017	S	
Knop Concrete	839501	S06 T20S R11W	Barton County		2.596	2.608	2.630	0.5	November 1, 2021		
Martin Marietta	802453	S10 T10N R11E	Cass Co. NE		2.640	2.668	2.716	1.1	January 1, 2021		
Martin Marietta	808705	S30 T02S R05E	Johnston Co., OK		2.630	2.645	2.669	0.5	May 1, 2022		
Martin Marietta (BFLS)	803512	S02 T52N R34W	Platte Co. MO	Mansand	2.575	2.622	2.701	1.8	February 1, 2022	S	
Martin Marietta (COCA)	800318	S03 T50N R32W	Clay Co MO	Mansand	2.653	2.678	2.720	0.9	February 1, 2022	S	
Martin Marietta	802451	S11 T46N R31W	Cass Co. MO		2.580	2.630	2.715	1.9	June 1, 2021		
Martin Marietta (LFRLY)	800319	S04 T13S R22E	Johnston Co.	Mansand	2.548	2.618	2.740	2.8	September 1, 2021	S	
Mid-States Materials	843512	S29T11SR15E	Shawnee Co.	SSG	2.598	2.613	2.637	0.5	February 1, 2020		
Mid-States Materials (FRLY)	826101	S08 T15S R22E	Johnson Co. KS	Mansand	2.524	2.608	2.756	3.3	September 1, 2022		
Mid-States Materials	843518	S14 T14S R05E	Morris Co		2.396	2.503	2.684	4.5	April 1, 2022	S	
Mid-States Materials (SPGH)	800317	S01 T17S R20E	Franklin Co.		2.539	2.602	2.711	2.5	October 1, 2022		
Mid-States Materials (SPGH)	805108	S30 T21S R20E	Anderson Co.	3/4	2.551	2.618	2.733	2.6	June 1, 2020	S	
Mid-States Sand	843902	S33 T25S R01W	Sedgwick Co.		2.605	2.618	2.640	0.5	September 1, 2018	S	
Midwest Concrete	817102	S16 T10S R10E	Wabaunsee Co.		2.607	2.620	2.644	0.5	July 1, 2019	S	
Midwest Concrete	817104	S33 T10S R07E	Riley Co.		2.609	2.622	2.642	0.5	July 1, 2020	S	
Midwest Concrete	817105	S35 T11S R18E	Douglas Co.		2.582	2.600	2.628	0.7	July 1, 2019	S	
Midwest Concrete (MCM)	601910	S27 T13S R01E	Dickinson Co.		2.612	2.629	2.657	0.6	July 1, 2019	S	
Midwest Concrete (MCM)	813601	S27 T11S R05E	Geary Co.	SSG	2.590	2.607	2.631	0.6	August 1, 2019		
Midwest Materials	806302	S07 T03S R05E	Washington Co.		2.600	2.614	2.638	0.6	April 1, 2020	S	37.33642 95.53547
Midwest Materials (LBRD)	801102	S32 T26S R25E	Bourbon Co		2.512	2.563	2.647	2.0	July 1, 2021		
Midwest Minerals (BJCK)	801725	S29 T30S R24E	Crawford Co.	Mansand	2.546	2.613	2.730	2.7	January 1, 2021		35.80858 95.40816
Midwest Minerals (WNRS)	801708	S22 T31S R17E	Montgomery Co.	CS-2	2.522	2.606	2.753	3.3	November 1, 2021		
Midwest Minerals (STNR)	801712	S27 T30S R15E	Wilson Co.	Mansand, screenings	2.594	2.636	2.709	1.6	February 1, 2021	S	
Muskogee Sand	841501	S04 T15N R18E	Muskogee Co. OK		2.602	2.618	2.646	0.6	May 1, 2022	S	
N.A.P. Co (AMZN)	802439	S28 T59N R35W	Andrew Co. MO	Mansand	2.632	2.688	2.787	2.1	July 1, 2020	S	38.10196 102.58315
Northridge Sand	819102	S16 T26S R01E	Sedgwick Co.		2.597	2.614	2.643	0.7	September 1, 2019	S	
Penny's Conc.	826802	S26 T12S R20E	Douglas Co.		2.605	2.619	2.643	0.5	April 1, 2020	S	40.67376 99.42519
Prowers Aggregate Operators, LLC	847901	S28 T22S R46W	Prowers Co. CO		2.593	2.622	2.670	1.1	October 1, 2021	S	
Seacat & Heft	815801	S04 T29S R17W	Kiowa Co.		2.609	2.634	2.675	0.9	July 1, 2020	S	

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Stone Sand	810401	S33 T19S R12W	Barton Co.		2.586	2.605	2.636	0.8	June 1, 2019	S		
T & F Sand/Gravel	824902	S08 T08N R18W	Buffalo Co. NE		2.603	2.616	2.638	0.5	October 1, 2021	S		
Trap Rock And Granite	845303	S12 T34N R03E	Iron Co. MO	Mansand	2.654	2.665	2.683	0.4	July 1, 2022	S		
Venture West Marmie	810121	S12 T20S R14W	Barton Co.		2.592	2.609	2.635	0.6	February 1, 2022	S		
Venture Klotz Sand	810122	S18 T25S R36W	Kearny Co.		2.576	2.607	2.659	1.2	May 1, 2022	S	38.11569	94.81990
Venture Dundee Sand	810112	S16 T20S R14W	Barton Co.		2.592	2.607	2.633	0.6	July 1, 2019	C	38.98884	94.87237
Whitaker (Mound City) BFLS Ledge	800208	S19 T22S R24E	Linn Co.	Mansand, Screenings	2.554	2.614	2.716	2.4	March 1, 2021	C	36.99744	94.82679
Williams Diversified	821818	S13 T29N R22E	Ottawa Co. OK		2.533	2.585	2.672	2.0	May 1, 2020	C	36.96520	94.82437
Williams Diversified (Sooner Pile)	821812	S16 T29N R23E	Ottawa Co. OK		2.521	2.576	2.668	2.2	August 1, 2019	C	36.95853	94.83331
Williams Diversified (Lawyers Pile)	821816	S28 T29N R23E	Ottawa Co. OK	Dragsand	2.546	2.587	2.652	1.6	September 1, 2021	S		
Williams Diversified (Skeleton Pile)	821807	S29 T29N R23E	Ottawa Co. OK		2.560	2.596	2.656	1.4	September 1, 2021			
WKDC LLC	849901	S15 T25S R36W	Kearny Co.		2.539	2.575	2.634	1.4	November 1, 2020			

### Deleted Values

The following are values from sources that have been deleted from the active list and are for reference only.

Allied Inc	811604	S25 T15S R19W	Ellis Co		2.621	2.629	2.650	0.4	November 1, 2015	S		
Alsop	811107	S27 T13S R01E	Dickinson Co.		2.612	2.629	2.656	0.6	July 1, 2017			
Alsop	811107	S27 T13S R01E	Dickinson Co.		2.600	2.620	2.660	0.7	April 1, 2007			
APAC (FRLY)	804008	S07 T16S R25E	Miami Co	-5/16"	2.533	2.597	2.707	2.6	August 1, 2010		36.80405	95.86936
APAC (FRLY)	804008	S07 T16S R25E	Miami Co	Dust	2.568	2.622	2.699	2.1	August 1, 2010			
APAC (FRLY)	804008	S07 T16S R25E	Miami Co	Mansand	2.552	2.654	2.718	2.4	September 1, 2016	S		
APAC Central (DEWY)	809101	S25 T27N R13E	Washington Co. OK	Mansand, Screenings	2.608	2.667	2.775	2.3	September 1, 2014	S		
APAC Hays	811614	S17 T7S R39W	Sherman Co.		2.570	2.597	2.633	0.8	October 15, 2004			
APAC Hays	811628	S35 T10S R32W	Thomas Co.		2.594	2.624	2.675	1.2	October 15, 2004			
APAC Kansas	826003	S14 T12S R08W	Lincoln Co.		2.610	2.638	2.684	1.1	May 1, 2020		39.03173	94.80922
APAC Kansas	826005	S23 T12S R08W	Lincoln Co.		2.604	2.631	2.667	0.9	August 1, 2020		38.85231	94.84701
APAC Kansas	826012	S12 T12S R08W	Lincoln Co.	CS-2, Grizzly	2.641	2.657	2.684	0.6	May 1, 2011		39.03190	94.80896
APAC Kansas (ARGN Ledge)	803701	S01 T12S R23E	Johnson Co.	Dust	2.532	2.597	2.707	2.5	November 1, 2010			
APAC Kansas (CPCK)	803705	S10 T14S R23E	Johnson Co.	Dust	2.485	2.570	2.717	3.4	September 1, 2014			
APAC Kansas (LFRLY Ledge)	803701	S01 T12S R23E	Johnson Co.	Dust	2.521	2.590	2.710	2.8	November 1, 2010			
APAC Kansas (STNR Ledge)	803705	S10 T14S R23E	Johnson Co.	-5/16", dust	2.552	2.610	2.710	2.3	November 1, 2010			
APAC-Shears	826001	S11 T12S R08W	Lincoln Co.	CS-2A	2.567	2.605	2.669	1.5	July 1, 2021	S		
APAC-Shears (HRFD)	801935	S02 T21S R13E	Coffey Co.		2.558	2.630	2.726	2.2	September 1, 2019	S		
APAC-Shears	831401	S35 T27S R01W	Sedgewick Co.		2.595	2.614	2.644	0.7	September 1, 2003	S		
Ark River Sand	838202	S06 T32S R03E	Cowley Co.		2.615	2.621	2.640	0.4	September 1, 2006	S		
Associated	819905	S14 T26S R01E	Sedgwick County		2.597	2.612	2.637	0.6	October 15, 2004			*
Associated	819905	S14 T26S R01E	Sedgwick County		2.597	2.612	2.637	0.6	October 15, 2004			
Bayer Const Co.	801830	S08 T13S R05E	Geary Co.		2.521	2.596	2.726	3.0	September 1, 2015			
Bayer Const Co.	802325	S05 T13S R05E	Geary Co.		2.507	2.579	2.700	2.9	January 1, 2017			
Bayer Const. Co.	801807	S03 T09S R06E	Riley Co.		2.426	2.508	2.642	3.4	March 1, 2004			
Bayer Const. Co.	802322	S05 T13S R05E	Geary Co.		2.545	2.604	2.706	2.3	September 1, 2012			
Bayer Const. Co. (TRKO)	802414	S33 T11S R09E	Riley Co.		2.555	2.611	2.706	2.2	October 1, 2018		36.80490	95.87233
Bayer Const. Co. (TRKO)	802449	S03 T11S R09E	Riley Co.		2.485	2.564	2.699	3.3	January 1, 2018			
Bayer Const. Co. (TRKO)	843101	S33 T10S R09E	Riley Co.		2.564	2.628	2.740	2.5	May 1, 2012		38.69364	94.54699
BELCO APAC DEWY Ledge)	809101	S25 T27N R13E	Nowata, OK		2.629	2.660	2.725	1.4	October 1, 2009		36.98076	94.80795
Belco Materials	809101	S25 T27N R13E	Washington Co. OK		2.607	2.648	2.720	1.6	July 1, 2007	C	36.96551	94.86425
Beyer Crushed Rock Co (BFLS)	806901	S26 T54N R33W	Cass Co. MO		2.534	2.588	2.679	2.1	September 1, 2009	C	36.99195	94.85100
Bingham (Atlas Pile)	821811	S22 T29N R23E	Ottawa Co. OK		2.523	2.573	2.567	2.0	March 1, 2015	C	36.99438	94.83992
Bingham (Blue Gooses Pile)	821803	S30 T29N R23E	Ottawa Co. OK		2.543	2.585	2.656	1.7	September 1, 2018	C		
Bingham (Gordon Pile)	821815	S18 T29N R23E	Ottawa Co. OK		2.545	2.587	2.656	1.7	June 1, 2008	C		

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Bingham (Ottawa Pile)	821806	S17 T29N R23E	Ottawa Co. OK		2.547	2.583	2.642	1.4	December 1, 2014	S		
Bingham (Sooner Pile)	821812	S16 T29N R23E	Ottawa Co. OK		2.535	2.576	2.643	1.6	July 1, 2007			
Bladden (Formerly Amman Sand)	823802	S14 T02N R16W	Franklin Co., NE		2.599	2.630	2.651	0.5	November 1, 2000	S	36.96195	94.87701
Bladden (Formerly Amman Sand)	823802	S14 T02N R16W	Franklin Co., NE		2.599	2.630	2.651	0.5	November 1, 2000	C		
Bladen Sand	823802	S014 T02N R16W	Franklin Co. NE		2.607	2.625	2.632	0.7	February 1, 2015	S		
Blevins Chat	143801	S25 T29N R22E	Ottawa Co OK	3/8 chip, dragsand	2.517	2.568	2.651	2.0	August 1, 2014	S		
Broce Construction	809904	S02 T27S R25W	Ford Co.		2.588	2.611	2.645	0.8	January 1, 2005	S	37.20735	94.32763
Builders Choice	820603	S23 T11S R16E	Shawnee Co.	SSG	2.608	2.621	2.648	0.6	July 1, 2014			
Carder	823503	S30 T22S R44W	Prowers Co. CO	SSG, CG	2.602	2.622	2.656	0.8	July 1, 2013	S		
Central Paving	839001	S17 T26S R04E	Butler, Co.	CS-2	2.394	2.498	2.671	4.4	December 1, 2003			
Cornejo Mtls	820104	S34 T28S R01W	Sedgewick Co.	SSG	2.614	2.623	2.638	0.4	August 1, 2014			
Cornejo Mtls	820105	S14 T31S R10E	Elk Co.	CS2	2.506	2.585	2.723	3.2	November 1, 2014			
Cornejo Mtls	802244	S23 T28S R11E	Elk Co.	Mansand	2.529	2.604	2.735	3.0	August 1, 2020	S		
Cornejo Stone	820105	S14 T31S R10E	Elk Co.	Screenings, mansand	2.495	2.583	2.736	3.5	February 1, 2017	S		
Dartmouth Sand	810401	S33 T19S R12W	Barton Co.		2.610	2.640	2.689	1.1	September 1, 2012			
Deweese	825001	S17 T01N R07W	Nuckolls Co. NE	SSG	2.594	2.622	2.669	1.1	January 1, 2008			
Dolese	809402	S32 T06N R15W	Kiowa Co. OK		2.671	2.699	2.749	1.1	April 1, 2020			
Dolese	809001	S36 T04N R12W	Comanche Co. OK	Screenings, Mansand	2.638	2.669	2.721	1.2	October 1, 2006			
Dolese	809001	S36 T04N R12W	Comanche Co. OK	CS-1C	2.670	2.690	2.725	0.8	October 1, 2006		36.95833	94.84167
Dolese	809001	S36 T04N R12W	Comanche Co. OK		2.649	2.671	2.710	0.8	October 1, 2014	C		
Dolese	809002	S08 T01S R01E	Davis Co, OK		2.641	2.668	2.713	1.0	January 1, 2013	S		
Flint Rock Products Pile # 2	822503	SW 1/4 S29 T29N R23E	Ottawa County, OK		2.558	2.594	2.654	1.4	June 1, 2015			
Geary Co. Sand	813601	S27 T11S R05E	Geary Co.		2.604	2.619	2.643	0.6	August 1, 2013			
Granite Mountain	838701	S26 T01N R12W	Pulaski Co., AR		2.604	2.615	2.633	0.4	April 17, 2017			
Hamm (HRFD)	800929	S09 T17S R15E	Osage Co.		2.500	2.593	2.809	3.7	March 1, 2020			
Hamm	800949	S36 T11S R19E	Jefferson Co.	Mansand	2.538	2.618	2.759	3.2	July 1, 2006			
Hamm	800949	S36 T11S R19E	Jefferson Co.	CS 2	2.445	2.558	2.758	4.7	July 1, 2006			
Hamm (ARGN)	803903	S16 T14S R23E	Johnson Co.	CS-1A, 3/8"	2.550	2.618	2.736	2.7	June 1, 2019			
Hamm	800975	S29 T14S R06E	Morris Co.		2.414	2.524	2.712	4.6	April 1, 2014			
Hamm	800965	S03 T07S R10E	Pottawatomie Co.		2.480	2.564	2.708	3.4	July 1, 2003			
Hamm (EVCK)	800977	S09 T11S R17E	Jefferson Co.		2.503	2.575	2.699	2.9	May 1, 2018			
Hamm (LVNR)	800910	S01 T12S R19E	Douglas Co.	CS-1	2.555	2.607	2.694	2.1	April 1, 2010			
Hamm (LVNW)	800910	S01 T12S R19E	Douglas Co.		2.630	2.664	2.722	1.3	April 1, 2013			
Hamm (NEVA)	800967	S10 T07S R10E	Pottawatomie Co.		2.403	2.509	2.689	4.4	August 1, 2010			
Hamm (NEVA)	800980	S11 T07S R10E	Pottawatomie Co.		2.439	2.525	2.669	3.5	June 1, 2020			
Hamm (OZWK)	800977	S09 T11S R17E	Jefferson Co.		2.623	2.640	2.764	2.3	May 1, 2018			
Hamm (RKBF)	800977	S09 T11S R17E	Jefferson Co.		2.590	2.648	2.748	2.2	July 1, 2018		38.35178	94.89546
Hamm	805009	S20 T19S R25E	Linn Co.		2.477	2.581	2.767	4.2	April 1, 2005			
Hamm (TRNT)	800910	S01 T12S R19E	Douglas Co.	CS-1	2.514	2.601	2.754	3.5	October 12, 2012			
Hamm (TRNT)	800913	S01 T11S R19E	Jefferson Co.		2.495	2.595	2.682	4.0	October 12, 2012			
Hamm Plattsmouth Ledge	800949	S36 T11S R19E	Jefferson Co		2.423	2.517	2.673	3.9	January 1, 2002			
Hanson Agg (Western Rock)	826501	S10 T01S R01W	Murray Co OK		2.642	2.680	2.746	1.4	February 1, 2011		37.77121	95.70426
Hard Rock Sand	844501	S31 T26S R25W	Ford Co.		2.617	2.661	2.655	0.8	April 1, 2016	S		
Harshman (SNBD/STNR Ledge)	800111	S19 T26S R16E	Woodson Co.		2.509	2.582	2.706	2.9	September 1, 2010			
Harshman (Stoner Ledge)	800111	S19 T26S R16E	Woodson Co.		2.488	2.573	2.721	3.4	February 1, 2002			
Harshman Const.	801504	S13 T31S R10E	Elk Co.		2.460	2.567	2.753	4.3	October 1, 2008		35.95637	95.83234
Harshman Const.	801517	S04 T30S R11E	Elk Co.		2.515	2.589	2.717	3.0	April 1, 2005			
Holliday Sand	815301	S28 T11S R23E	Wyandotte Co.	SSG	2.600	2.610	2.626	0.4	November 1, 2013	S		
Holliday Sand	815410	S16 T17N R14E	Tulsa Co. OK	SSG	2.610	2.621	2.637	0.4	March 1, 2016	S	35.95442	95.86949
Holliday Sand	815402	S36 T11S R23E	Wyandotte Co.	SSG	2.571	2.599	2.645	1.1	September 1, 2000	S		
Holliday Sand	815409	S13 T17N R13E	Tulsa Co. OK	SSG	2.615	2.624	2.639	0.3	August 1, 2012	S		

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Producer	CMS ID Producer	Legal Description	Location	Products	Bulk Dry (Gsb)	Saturated Surf Dry	Apparent	Percent Absorp	Date Modified or Verified	Chat or SSG	Latitude	Longitude
Holiday Sand	815412	S32 T11S R23E	Wyandotte Co.	SSG	2.587	2.603	2.628	0.7	July 1, 2014	S		
Ideker, Inc	835403	S08 T52N R30W	Clay Co. MO		2.566	2.617	2.706	2.0	July 1, 2018			
J Corp	808303	S30 T15S R18W	Ellis Co.		2.611	2.630	2.649	0.6	April 1, 2020			
Johnson County Aggregates FRLY	806701	S09 T14S R23E	Johnson Co. KS	Dust	2.537	2.607	2.728	2.7	January 1, 2020			
Johnson County Aggregates ARGN	806701	S09 T14S R23E	Johnson Co. KS	Mansand	2.573	2.631	2.730	2.2	January 1, 2020		38.84677	94.86382
Johnson County Aggregates ARGN	806701	S09 T14S R23E	Johnson Co. KS	CS-2	2.584	2.643	2.746	2.3	July 1, 2008			
Johnson County Aggregates ARGN	806701	S09 T14S R23E	Johnson Co. KS	Mansand, Dust	2.594	2.635	2.706	1.6	May 1, 2013		38.84639	94.86359
Johnson County Aggregates CPCK	806701	S09 T14S R23E	Johnson Co. KS	-1"	2.495	2.579	2.723	3.3	May 1, 2015		38.84731	94.86228
Johnson County Aggregates FRLY	806701	S09 T14S R23E	Johnson Co. KS	Chips	2.615	2.656	2.728	1.6	August 1, 2012		38.84438	94.86339
Johnson County Aggregates FRLY	806701	S09 T14S R23E	Johnson Co. KS	Dust, Mansand	2.528	2.596	2.714	2.8	April 1, 2016			
Johnson County Aggregates SPGH	806701	S09 T14S R23E	Johnson Co. KS	Dust	2.466	2.555	2.708	3.6	October 1, 2009		38.84492	94.86620
Johnson County Aggregates SPGH	806701	S09 T14S R23E	Johnson Co. KS	Mansand	2.509	2.595	2.742	3.4	October 1, 2015		38.84492	94.86620
Johnson County Aggregates STNR	806701	S09 T14S R23E	Johnson Co. KS	1/4"	2.546	2.607	2.717	2.5	February 1, 2007		38.84657	94.86459
Johnson County Aggregates STNR	806701	S09 T14S R23E	Johnson Co. KS	screenings	2.464	2.545	2.677	3.2	February 1, 2007		37.11982	94.40110
Johnson County Aggregates STNR	806701	S09 T14S R23E	Johnson Co. KS	manand	2.568	2.621	2.711	2.1	April 1, 2012		37.11982	94.40110
Joplin Stone (WRSW)	807101	S26 T28N R32W	Jasper Co. MO	1/2" Clean	2.509	2.572	2.678	2.5	May 1, 2013			
Joplin Stone (WRSW)	807101	S26 T28N R32W	Jasper Co. MO	-3/8 Dirty, Mansand	2.474	2.550	2.678	3.1	May 1, 2013			
Kinsley Redi Mix	835101	S35 T24S R19W	Edwards Co.		2.584	2.612	2.657	1.0	September 1, 2014	S		
Klaver	813401	S20 T26S R26W	Ford Co.		2.615	2.624	2.638	0.3	December 1, 2004	S		
Klaver	813403	S04 T28S R13W	Pratt Co.		2.613	2.623	2.638	0.4	July 1, 2007	S		
Klotz	812602	S16 T24S R34W	Finney Co.		2.609	2.627	2.658	0.7	April 1, 2013	S	39.14949	94.40087
Klotz	812809	S03 T25S R36W	Kearny Co.		2.605	2.622	2.650	0.6	July 1, 2013	S		
Lafarge Corp	600609	S13 T50N R32W	Jackson Co. MO	Dust	2.540	2.629	2.711	2.4	September 1, 2011			
Lakeside S&G	844705	S03 T02N R33W	Hitchcock Co. NE		2.598	2.614	2.641	0.6	March 1, 2014	S		
Martin Marietta	802244	S23 T28S R11E	Elk Co.	Mansand	2.492	2.575	2.719	3.4	July 1, 2011			
Martin Marietta	802453	S10 T10N R11E	Cass Co. NE	-3/8 ManSand, 1/4" chips	2.615	2.653	2.719	1.5	July 1, 2006			
Martin Marietta	802458	S35 T01N R12E	Pawnee Co. NE		2.470	2.557	2.705	3.5	October 1, 2013			
Martin Marietta	807301	S36 T50N R34W	Riverside, MO	Chips	2.565	2.617	2.711	2.1	August 1, 2011			
Martin Marietta	833901	S07 T13N R69W	Laramie Co., Wy		2.731	2.748	2.778	0.5	June 1, 2017			
Martin Marietta	833901	S07 T13N R69W	Cheyenne, Wy		2.610	2.668	2.772	2.5	December 1, 2004			
Martin Marietta (EVCK)	802458	S35 T01N R12E	Pawnee Co. NE		2.529	2.593	2.703	2.6	April 1, 2019		37.59893	96.17162
Martin Marietta (PLSM)	802453	S10 T10N R11E	Cass Co. NE		2.649	2.676	2.723	1.0	April 1, 2019		37.59893	96.17162
Martin Marietta (EVCK)	802244	S23 T28S R11E	Elk Co.	CS-1(-1"), CS-2, 1/2"chips	2.494	2.582	2.733	3.5	February 1, 2007		37.59893	96.17162
Martin Marietta (EVCK)	802244	S23 T28S R11E	Elk Co.	1/4"chips	2.410	2.516	2.699	4.4	February 1, 2007		37.60303	96.16333
Martin Marietta (EVCK)	802244	S23 T28S R11E	Elk Co.	mansand	2.450	2.549	2.719	4.0	February 1, 2007			
Martin Marietta (EVCK)	802244	S23 T28S R11E	Elk Co.	Screenings	2.475	2.559	2.703	3.4	July 1, 2010			
Martin Marietta (EVCK)	802458	S35 T01N R12E	Pawnee Co. NE		2.443	2.542	2.712	4.1	June 1, 2008			
Martin Marietta (LFRLY)	800319	S04 T13S R22E	Johnston Co.	Mansand	2.547	2.612	2.730	2.6	November 1, 2018			
Martin Marietta (UFRLY)	800319	S04 T13S R22E	Johnston Co.	Mansand	2.529	2.602	2.728	2.9	January 1, 2018			
Martin Marietta (unkwn)	802244	S23 T28S R11E	Elk Co.	1/4" Chips	2.460	2.550	2.705	3.7	May 1, 2016			
Martin Marietta (unkwn)	802244	S23 T28S R11E	Elk Co.	Mansand	2.506	2.585	2.722	3.2	May 1, 2016			
Mid-American Sand	845401	S02 T50N R32W	Clay Co. MO		2.570	2.589	2.621	0.8	November 1, 2013			
Mid-States Materials (EVCK)	843509	S16 T15S R16E	Osage Co.		2.557	2.614	2.712	2.2	March 1, 2020	S		
Mid-States Materials (EVCK)	843507	S26 T12S R17E	Douglas Co.		2.518	2.576	2.672	2.3	May 1, 2019			
Mid-States Materials (OZWK)	843507	S26 T12S R17E	Douglas Co.	Washed LS sand	2.563	2.623	2.728	2.4	May 1, 2019			
Mid-States Materials (RKBF)	843507	S26 T12S R17E	Douglas Co.		2.603	2.648	2.725	1.7	June 1, 2019			
Mid-States Materials (EVCK)	843513	S27 T12S R17E	Shawnee Co.		2.514	2.589	2.720	3.0	October 1, 2020			
Mid-States Materials (CPCK)	826101	S08 T15S R22E	Johnson Co. KS	mansand	2.527	2.608	2.749	3.2	February 1, 2017			
Mid-States Materials (EVCK)	843503	S21 T15 R16E	Osage Co.		2.560	2.609	2.692	1.9	July 1, 2017			
Mid-States Materials (SPGH)	803507	S12 T23S R17E	Anderson Co.		2.512	2.583	2.704	2.9	May 1, 2020			



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Mid-States Materials (EVCK)	843503	S21 T15 R16E	Osage Co.		2.560	2.609	2.692	1.9	July 1, 2017		
Mid-States Materials (EVCK)	843505	S26 T12S R17E	Douglas Co.		2.492	2.567	2.694	2.5	September 1, 2015		
Mid-States Materials (FRLY)	826101	S08 T15S R22E	Johnson Co. KS	mansand	2.558	2.622	2.726	2.4	February 1, 2017		
Mid-States Materials (OZWK)	843505	S26 T12S R17E	Douglas Co.		2.570	2.639	2.769	2.8	September 1, 2015		
Mid-States Materials (RKBF)	843503	S21 T15 R16E	Osage Co.	Mansand	2.621	2.659	2.724	1.5	August 1, 2015	38.05424	95.48704
Mid-States Materials (RKBF)	843505	S26 T12S R17E	Douglas Co.		2.612	2.667	2.765	2.1	September 1, 2015		
Mid-States Materials (SPGH)	803507	S12 T23S R17E	Anderson Co.	-3/4"	2.520	2.596	2.725	3.0	June 1, 2015		
Mid-States Materials (SPGH)	826101	S08 T15S R22E	Johnson Co. KS	mansand	2.491	2.580	2.734	3.6	February 1, 2017		
Mid-States Materials (WKRS and BLGM)	800403	S33 T27S R10E	Greenwood Co.		2.472	2.558	2.706	3.5	November 1, 2015		
Mid-States Sand (087)	843901	S04 T26S R01W	Sedgwick Co.		2.608	2.619	2.638	0.4	May 1, 2013	s	
Midwest Concrete	818601	S31 T10S R08E	Riley Co. (Kaw Sand)		2.623	2.632	2.647	0.4	July 1, 2010	s	
Midwest Concrete	818604	S30 T10S R08E	Riley Co.		2.601	2.620	2.645	0.6	March 1, 2015		
Midwest Minerals (LBRD)	801703	S31 T27S R24E	Crawford Co.	Screenings	2.521	2.582	2.684	2.4	May 1, 2019		
Midwest Minerals	801710	S18 T32S R14E	Montgomery Co.		2.518	2.590	2.713	2.9	May 1, 2003	37.26709	95.76585
Midwest Minerals	801713	S13 T27S R16E	Wilson Co.		2.466	2.548	2.692	3.3	May 1, 2003	37.33642	95.53547
Midwest Minerals	801716	S09 T30N R30W	Barton Co. MO		2.609	2.642	2.697	1.3	December 1, 2002		
Midwest Minerals	806302	S07 T03S R05E	Washington Co.		2.600	2.614	2.638	0.6	April 1, 2020	37.33642	95.53547
Midwest Minerals (CPCK)	801709	S16 T32S R15E	Montgomery Co.		2.544	2.607	2.717	2.5	September 1, 2009	37.33560	95.53460
Midwest Minerals (WNRS)	801708	S22 T31S R17E	Montgomery Co.	CS-2	2.473	2.564	2.720	3.7	September 1, 2007	37.33814	95.53600
Midwest Minerals (WNRS)	801708	S22 T31S R17E	Montgomery Co.	Mansand	2.570	2.627	2.726	2.3	September 1, 2007	37.53576	95.32940
Midwest Minerals (WNRS)	801708	S22 T31S R17E	Montgomery Co.	Chips, Screenings	2.537	2.608	2.711	2.5	October 1, 2011	37.04469	95.52620
Midwest Minerals (WNRS)	801708	S22 T31S R17E	Montgomery Co.	Chips, Scrngs, Mansand	2.499	2.576	2.704	3.0	March 1, 2015		
Midwest Minerals (WNRS)	801711	S09 T29S R19E	Neosho Co.	Mansand (CS-2)	2.491	2.577	2.724	3.4	November 1, 2010	37.03208	95.15115
Midwest Minerals (AMRT)	801707	S34 T34S R17E	Montgomery Co.	CS-1, CS-1A, CS-2, MNSND	2.502	2.584	2.726	3.3	August 1, 2010		
Martin Marietta	808701	S20 T02S R05E	Johnston Co., OK	Mansand	2.624	2.642	2.671	0.7	May 1, 2020	37.03218	95.15271
Midwest Minerals (BKJG)	801705	S06 T35S R21E	Labette Co.	Mansand	2.498	2.568	2.686	2.8	February 1, 2018		
Midwest Minerals (WNRS)	801708	S22 T31S R17E	Montgomery Co.	Mansand	2.513	2.597	2.743	3.3	February 1, 2019	37.26981	95.76734
Midwest Minerals (BKJG)	801705	S06 T35S R21E	Labette Co.	1/2 Chips	2.525	2.593	2.709	2.7	April 1, 2013	37.25991	95.91144
Midwest Minerals (BKJG)	801724	S25 T31S R21E	Cherokee Co.		2.535	2.603	2.720	2.7	June 1, 2018	37.41245	95.74935
Midwest Minerals (CPCK)	801709	S09 T32S R15E	Montgomery Co.	CS-1a	2.563	2.625	2.733	2.4	November 1, 2014	37.04494	95.52790
Midwest Minerals (STNR)	801710	S18 T32S R14E	Montgomery Co.		2.567	2.620	2.709	2.1	April 1, 2014	37.27630	95.27959
Midwest Minerals (STNR)	801722	S27 T30S R15E	Wilson Co.	1/2" chips	2.589	2.630	2.701	1.6	July 1, 2018		
Midwest Minerals (WRLD)	801707	S34 T34S R17E	Montgomery Co.		2.441	2.540	2.711	4.1	April 1, 2014	37.27997	95.28111
Midwest Minerals (WRLD)	801719	S12 T32S R19E	Labette Co.	Screenings	2.515	2.590	2.719	3.0	December 1, 2007	37.41245	95.74935
Midwest Minerals (WRLD)	801719	S12 T32S R19E	Labette Co.	Chips	2.579	2.627	2.709	1.8	November 1, 2011		
Midwest Minerals (WRLD)	801719	S12 T32S R19E	Labette Co.	Mansand	2.582	2.639	2.737	2.2	February 1, 2015	s	
N.A.P. Co (AMZN)	802439	S28 T59N R35W	Andrew Co. MO	Mansand, Double Washed	2.577	2.643	2.753	2.4	September 1, 2014		
N.A.P. Co (AMZN)	802439	S28 T59N R35W	Andrew Co. MO	Screenings	2.534	2.608	2.744	3.2	September 1, 2014	38.35756	95.85007
Nelson Quarries (TRNT)	801924	S26 T25S R13E	Woodson Co.		2.565	2.635	2.758	2.7	February 1, 2020	38.35915	95.85081
Nelson Quarries (HRFD)	800125	S34 T19S R14E	Coffey Co.	Screenings	2.535	2.604	2.724	2.7	May 1, 2018		
Nelson Quarries (HRFD)	800125	S34 T19S R14E	Coffey Co.	Mansand, 3/16 Dirt	2.521	2.596	2.727	3.0	June 1, 2013	37.86800	94.78930
Nelson Quarries (HRFD)	800125	S34 T19S R14E	Coffey Co.	-1"	2.507	2.594	2.747	3.5	September 1, 2015	37.91222	95.32786
Nelson Quarries (LBRD)	800124	S17 T25S R24E	Bourbon Co.		2.533	2.571	2.668	2.3	July 1, 2007	38.18572	95.25097
Nelson Quarries (LBRD)	800124	S17 T25S R24E	Bourbon Co.	Screenings, mansand, 1/2" ch	2.507	2.573	2.682	2.6	August 1, 2012		
Nelson Quarries (RYTN)	800101	S33 T24S R19E	Allen Co.		2.485	2.566	2.704	3.2	November 1, 2014	38.64124	95.15901
Nelson Quarries (SPGH)	805108	S30 T21S R20E	Anderson Co.	Screenings	2.515	2.584	2.699	2.7	February 1, 2011	38.64138	95.15871
Nelson Quarries (TRNT)	801924	S26 T25S R13E	Woodson Co.	Mansand, - 1/2"	2.531	2.607	2.739	3.0	October 1, 2015	38.64302	95.15793
Penny's Conc. (CPCK)	800309	S23 T16S R20E	Franklin Co.		2.499	2.580	2.715	3.2	August 1, 2012		
Penny's Conc. (SPGH)	800309	S23 T16S R20E	Franklin Co.	Dust	2.475	2.567	2.726	3.7	April 1, 2013		
Penny's Conc. (STNR)	800309	S23 T16S R20E	Franklin Co.		2.463	2.547	2.690	3.4	February 1, 2012	s	

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Popejoy Const., Inc.	812809	S03 T25S R36W	Keamy Co.		2.599	2.615	2.641	0.6	December 1, 2004	S		
Quik Sand	820103	S23 T26S R01W	Sedgewick Co.		2.590	2.609	2.640	0.6	August 1, 2006	s		
Quik Sand	820104	S34 T28S R01E	Sedgewick Co.		2.596	2.611	2.636	0.6	August 1, 2006	S		
Raymond Sand	818201	S28 T20S R10W	Rice Co.		2.589	2.604	2.627	0.6	January 1, 2016		38.85213	94.84732
RBK Const. (Basalt)	848701	S07 T33S R50W	Baca Co. CO		2.780	2.860	2.955	2.2	August 1, 2017			
Shawnee Rock (Argentine Ledge)	803705	S10 T14S R23E	Johnson Co.		2.552	2.614	2.720	2.4	April 1, 2005		38.85113	94.84512
Shawnee Rock (ARGN Ledge)	803705	S10 T14S R23E	Johnson Co.	Dust	2.555	2.621	2.744	2.6	September 1, 2008		38.85159	94.84868
Shawnee Rock (Captains Creek Ledge)	803705	S10 T14S R23E	Johnson Co.		2.529	2.604	2.735	3.0	June 1, 2003		38.85158	94.84464
Shawnee Rock (CPCK Ledge)	803705	S10 T14S R23E	Johnson Co.		2.486	2.568	2.708	3.3	November 1, 2006		38.85145	94.84608
Shawnee Rock (CPCK Ledge)	803705	S10 T14S R23E	Johnson Co.		2.543	2.607	2.716	2.5	October 1, 2009		38.85153	94.84715
Shawnee Rock (Farley Ledge)	803705	S10 T14S R23E	Johnson Co.		2.568	2.625	2.713	2.1	September 1, 2007			
Shawnee Rock (Springhill Ledge)	803705	S10 T14S R23E	Johnson Co.	Dust	2.471	2.570	2.745	4.0	May 1, 2007			
Shawnee Rock (STNR Ledge)	803705	S10 T14S R23E	Johnson Co.		2.492	2.565	2.688	2.9	July 1, 2006			
Shawnee Rock (Stoner Ledge)	803705	S10 T14S R23E	Johnson Co.		2.488	2.568	2.704	3.2	January 1, 2002	S		
Stone Sand	810201	S32 T19S R13W	Barton Co.		2.603	2.612	2.627	0.3	January 1, 2000			
Venture	810120	S15 T29S R15W	Pratt Co.		2.608	2.631	2.669	0.9	April 1, 2012			
Versatile Construction	848201	S17 T35N R26W	Union Co. NM		2.797	2.587	2.975	2.1	April 1, 2016		38.37882	94.67535
Wade Limestone	805007	S32 T19S R23E	Linn Co.		2.464	2.558	2.718	3.8	December 1, 2002		38.35178	94.89546
Wade Limestone (WNRS)	805007	S32 T19S R23E	Linn Co.	CS-1A	2.550	2.610	2.715	2.4	May 1, 2016			
Wade Limestone (WNRS)	805007	S32 T19S R23E	Linn Co.	Screenings	2.497	2.573	2.701	3.0	May 1, 2016			
Whitaker (BNNTR)	847201	S20 T32S R08E	Cowley Co.		2.486	2.569	2.709	3.3	November 1, 2020			
Whitaker (RDEG)	803511	S12 T34S R07E	Cowley Co.	Mansand	2.525	2.594	2.712	2.4	March 1, 2020			
Whitaker (RDEG)	803511	S12 T34S R07E	Cowley Co.	Screenings	2.463	2.554	2.707	3.7	March 1, 2020			
Whitaker	800201	S01 T20S R19E	Anderson Co.		2.510	2.575	2.685	2.6	March 1, 2002			
Whitaker	800205	S12 T34S R07E	Cowley Co.		2.511	2.576	2.684	2.6	June 1, 2003			
Whitaker	800205	S12 T34S R07E	Cowley Co.	Screenings/buckshot	2.470	2.552	2.691	3.4	June 1, 2006			
Whitaker	800205	S12 T34S R07E	Cowley Co.	Buckshot	2.506	2.583	2.716	3.1	August 1, 2009		37.25346	96.53782
Whitaker	800205	S12 T34S R07E	Cowley Co.		2.558	2.612	2.705	2.1	August 1, 2015		37.25346	96.53782
Whitaker	802444	S21 T32S R08E	Cowley Co.	CS-2	2.454	2.546	2.696	3.6	March 1, 2007		37.25346	96.53782
Whitaker	802444	S21 T32S R08E	Cowley Co.	CS-1A	2.544	2.598	2.692	2.2	March 1, 2007			
Whitaker	802444	S21 T32S R08E	Cowley Co.	CS-2A	2.538	2.593	2.687	2.2	March 1, 2007			
Whitaker	802444	S21 T32S R08E	Cowley Co.	CS-1A, CS-2A, CS-2	2.482	2.565	2.706	3.3	May 1, 2010			
Whitaker	802444	S21 T32S R08E	Cowley Co.	CS-1A	2.503	2.570	2.682	2.6	June 1, 2015			
Whitaker	802444	S21 T32S R08E	Cowley Co.	CS-2	2.445	2.548	2.725	4.2	June 1, 2015			
Whitaker (RDEG)	800205	S12 T34S R07E	Cowley Co.		2.542	2.600	2.698	2.3	February 1, 2019			
Whitaker	847201	S20 T32S R08E	Cowley Co.		2.490	2.573	2.715	3.4	July 1, 2017			
Whitaker	847201	S20 T32S R08E	Cowley Co.		2.490	2.573	2.715	3.4	July 1, 2017		38.34611	95.25411
Whitaker	847201	S20 T32S R08E	Cowley Co.		2.506	2.573	2.686	2.6	June 1, 2012		38.17306	95.22595
Whitaker (CPK/SP)	800201	S01 T20S R19E	Anderson Co.	mansand	2.473	2.563	2.716	3.6	September 1, 2012			
Whitaker (SNBD/ST)	800304	S32 T21S R19E	Anderson Co.	Mansand	2.551	2.605	2.696	2.1	February 1, 2015	S		
Ysidro Sand	847401	S25T29SR01E	Sedgwick County		2.599	2.613	2.636	0.6	March 1, 2013			

**October 2022 LETTING**

**PROCEDURE II SPECIFIC GRAVITIES**

<u>Producer</u>	<u>CMS ID Producer</u>	<u>Legal Description</u>	<u>Location</u>	<u>Products</u>	<u>Bulk Dry (Gsb)</u>	<u>Saturated Surf Dry</u>	<u>Percent Apparent</u>	<u>Percent Absorp</u>	<u>Date Modified or Verified</u>	<u>Chat or SSG</u>	<u>Latitude</u>	<u>Longitude</u>
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October 2022 LETTING

PROCEDURE II SPECIFIC GRAVITIES

Producer      CMS ID  
Producer      Legal Description      Location      Products      Bulk Dry (Gsb)      Saturated Surf Dry      Apparent      Percent Absorp      Date Modified or Verified      Chat or SSG      Latitude      Longitude
