

December 2019 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 |
|------------------------------|--------------------|----------------------|-----------------------|-------------------------|-------------------|-----------------------|----------|-------------------|------------------------------|----------------|----------|-----------|
| Allied Inc | 811604 | S25 T15S R19W | Ellis Co | | 2.579 | 2.609 | 2.658 | 1.2 | November 1, 2015 | S | | |
| Alsop | 811105 | S27 T05S R03W | Cloud Co. | | 2.538 | 2.563 | 2.603 | 1.0 | December 1, 2018 | 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 | August 1, 2017 | S | 39.73909 | 97.78814 |
| APAC Kansas | 826003 | S14 T12S R08W | Lincoln Co. | CS-1 | 2.604 | 2.630 | 2.674 | 1.0 | December 1, 2019 | | | |
| APAC-Shears | 801934 | S21 T23S R05W | Reno Co. | | 2.560 | 2.583 | 2.633 | 0.9 | September 1, 2019 | S | | |
| APAC-Shears (HRFD) | 801935 | S02 T21S R13E | Coffey Co. | | 2.570 | 2.626 | 2.725 | 2.2 | June 1, 2019 | | | |
| Associated | 819905 | S14 T26S R01W | Sedgwick County | | 2.554 | 2.578 | 2.618 | 1.0 | October 1, 2018 | S | | |
| Bayer Const. Co. (TRKO) | 802414 | S33 T11S R09E | Riley Co. | | 2.542 | 2.598 | 2.694 | 2.2 | October 1, 2018 | | | |
| Bayer Const. Co. (TRKO) | 802445 | S04 T11S R09E | Riley Co. | 3/4" x 1/4" | 2.541 | 2.604 | 2.716 | 2.6 | January 1, 2019 | | | |
| Bayer Const. Co. (TRKO) | 802445 | S04 T11S R09E | Riley Co. | Washed 3/8" Chips | 2.480 | 2.563 | 2.695 | 3.3 | January 1, 2019 | | | |
| Bayer Const. Co. (TRKO) | 802449 | S03 T11S R09E | Riley Co. | | 2.515 | 2.584 | 2.703 | 2.8 | September 1, 2019 | | | |
| 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 | | 2.559 | 2.608 | 2.690 | 1.9 | June 1, 2019 | | | |
| Bingham (Lawyer Pile) | 821816 | S28 T29N R23E | Ottawa Co. OK | CME | 2.526 | 2.571 | 2.647 | 1.8 | September 1, 2019 | C | 36.96520 | 94.82437 |
| Bingham (Skeleton Pile) | 821807 | S29 T29N R23E | Ottawa Co. OK | | 2.526 | 2.570 | 2.644 | 1.8 | August 1, 2019 | C | 36.95853 | 94.83331 |
| Bingham (Sooner Pile) | 821812 | S16 T29N R23E | Ottawa Co. OK | | 2.516 | 2.568 | 2.654 | 2.1 | August 1, 2019 | C | 36.99599 | 94.82399 |
| Bladen Sand | 823802 | S014 T02N R16W | Franklin Co. NE | | 2.581 | 2.597 | 2.619 | 0.6 | February 1, 2015 | S | | |
| Blue River Sand | 805404 | S25 T04S R06E | Marshall Co. | | 2.559 | 2.584 | 2.624 | 1.0 | October 1, 2018 | S | | |
| Carder | 823503 | S30 T22S R44W | Prowers Co. CO | SSG, CG | 2.585 | 2.610 | 2.651 | 1.0 | June 1, 2015 | S | | |
| Central Sand | 848601 | S22 T26S R01W | Sedgwick County | SSG | 2.554 | 2.577 | 2.620 | 1.0 | December 1, 2018 | S | | |
| Concrete Enterprise | 813403 | S04 T28S R13W | Pratt Co. | | 2.559 | 2.590 | 2.641 | 1.2 | November 1, 2018 | S | | |
| Cornejo & Sons | 819304 | S02 T27S R01W | Sedgwick Co. | | 2.533 | 2.561 | 2.605 | 1.1 | June 1, 2015 | S | | |
| Cornejo Mtls | 820103 | S23 T26S R01W | Sedgwick Co. | SSG | 2.571 | 2.592 | 2.625 | 0.8 | August 1, 2019 | S | | |
| Cornejo Stone (EVCK) | 801504 | S13 T31S R10E | Elk Co. | 3/4" | 2.511 | 2.577 | 2.689 | 2.7 | June 1, 2019 | | 37.35270 | 96.28578 |
| 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 | 809402 | S32 T06N R15W | Kiowa Co. OK | | 2.706 | 2.723 | 2.753 | 0.6 | December 1, 2018 | | 34.94803 | 98.81396 |
| Eakins Sand | 817302 | S08 T22S R16W | Pawnee Co. | | 2.574 | 2.603 | 2.651 | 1.1 | December 1, 2019 | S | | |
| Eastern Colorado Agg | 833301 | S18 T23S R42W | Holly, Prowers Co, CO | | 2.578 | 2.607 | 2.654 | 1.1 | August 1, 2015 | S | | |
| 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, 2019 | C | 36.96011 | 94.84968 |
| Granite Mountain | 838701 | S26 T01N R12W | Pulaski Co., AR | | 2.592 | 2.608 | 2.633 | 0.6 | April 1, 2019 | | | |
| Gravel and Concrete | 832701 | S15 T22S R07W | Reno Co. | | 2.551 | 2.580 | 2.620 | 1.1 | July 1, 2018 | S | | |
| Hamm | 800976 | S15 T14S R04E | Dickinson Co. | | 2.457 | 2.541 | 2.681 | 3.4 | December 1, 2019 | | | |
| 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, 2019 | | | |
| Hamm (EVCK) | 800977 | S09 T11S R17E | Jefferson Co. | | 2.558 | 2.622 | 2.732 | 2.5 | November 1, 2019 | | | |
| Hamm (FRLY) | 803903 | S16 T14S R23E | Johnson Co. | -3/4" | 2.575 | 2.631 | 2.728 | 2.2 | June 1, 2019 | | 38.83682 | 94.86959 |
| Hamm (NEVA) | 800980 | S11 T07S R10E | Pottawatomie Co. | | 2.453 | 2.529 | 2.654 | 3.1 | November 1, 2019 | | | |
| Hamm (OZWK) | 800977 | S09 T11S R17E | Jefferson Co. | | 2.613 | 2.663 | 2.751 | 1.9 | May 1, 2018 | | | |
| 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 | Douglas Co. | | 2.598 | 2.642 | 2.719 | 1.7 | December 1, 2019 | | | |
| Hard Rock Sand | 844501 | S31 T26S R25W | Ford Co. | | 2.565 | 2.605 | 2.616 | 1.0 | April 1, 2016 | S | | |
| Harshman Const. (EVCK) | 801517 | S04 T30S R11E | Elk Co. | 3/4" | 2.616 | 2.656 | 2.726 | 1.5 | December 1, 2019 | | | |
| Harshman Const. (EVCK) | 801517 | S04 T30S R11E | Elk Co. | 3/8" | 2.588 | 2.637 | 2.722 | 1.9 | December 1, 2019 | | | |
| Hartford S&G | 824802 | S30T10SR08E | Riley Co. | SSG | 2.564 | 2.595 | 2.648 | 1.2 | December 1, 2017 | S | | |
| Hi-Plains Sand | CC130704 | S19 T16S R06W | Ellsworth Co. | | 2.547 | 2.594 | 2.673 | 1.8 | December 1, 2019 | S | 38.64956 | 98.03405 |
| Huber | 812701 | S21 T24S R32W | Finney Co. | | 2.560 | 2.580 | 2.620 | 1.0 | July 1, 2019 | S | 37.95444 | 100.84933 |
| Huber | 835801 | S17 T24S R40W | Hamilton Co. | | 2.558 | 2.580 | 2.626 | 1.1 | November 1, 2019 | S | | |

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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 |
|----------------------------------|--------------------|-------------------|-------------------|-----------------|-------------------|-----------------------|----------|-------------------|------------------------------|----------------|----------|-----------|
| Hunt (BFLS underground) | 803512 | S02 T52N R34W | Platte Co MO | -1" | 2.605 | 2.645 | 2.715 | 1.6 | January 1, 2018 | | | |
| Hunt-Martin Materials (CPCK) | 800310 | S13 T16S R19E | Franklin Co. | -3/4" | 2.541 | 2.596 | 2.712 | 2.7 | August 1, 2018 | | | |
| Ideker, Inc | 835403 | S08 T52N R30W | Clay Co. MO | | 2.589 | 2.631 | 2.702 | 1.6 | July 1, 2018 | | | |
| Iron Mntn Trap Rock | 823701 | S30 T35N R04E | St Francois Co MO | | 2.596 | 2.612 | 2.639 | 0.6 | February 1, 2019 | | | |
| Johnson County Aggregates ARGN | 806701 | S09 T14S R23E | Johnson Co. KS | | 2.591 | 2.643 | 2.734 | 2.0 | September 1, 2018 | | 38.84677 | 94.86382 |
| Johnson Sand | 818902 | S 05 T15S R02W | Salina | | 2.544 | 2.599 | 2.692 | 2.2 | November 1, 2015 | s | 38.78218 | 97.57118 |
| Johnson Sand | 818903 | S 32T14S R02W | Salina | | 2.570 | 2.614 | 2.687 | 1.7 | October 1, 2018 | s | | |
| Klotz | 812605 | S31 T24S R31W | Finney Co. | | 2.556 | 2.584 | 2.629 | 1.1 | November 1, 2019 | s | | |
| Klotz | 812607 | S02 T25S R36W | Kearny Co. | | 2.568 | 2.590 | 2.627 | 0.9 | November 1, 2019 | 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 | | 2.563 | 2.590 | 2.634 | 1.1 | September 1, 2019 | s | | |
| Martin Marietta | 808701 | S20 T02S R05E | Johnston Co., OK | -3/4" | 2.631 | 2.647 | 2.673 | 0.6 | January 1, 2019 | | | |
| Martin Marietta (BFLS) | 802451 | S11 T46N R31W | Cass Co. MO | | 2.597 | 2.641 | 2.714 | 1.7 | December 1, 2019 | | 38.81813 | 94.32591 |
| Martin Marietta (COCA) | 800318 | S03 T50N R32W | Clay Co MO | -1" | 2.657 | 2.707 | 2.711 | 0.7 | June 1, 2019 | | | |
| Martin Marietta (EVCK) | 802458 | S35 T01N R12E | Pawnee Co. NE | | 2.512 | 2.577 | 2.689 | 2.6 | April 1, 2019 | | | |
| Martin Marietta (LFRLY) | 800319 | S04 T13S R22E | Johnston Co. | -3/4" | 2.583 | 2.631 | 2.714 | 1.8 | November 1, 2018 | | | |
| 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 (UFRLY) | 800319 | S04 T13S R22E | Johnston Co. | -3/4" | 2.520 | 2.587 | 2.699 | 2.6 | September 1, 2019 | | | |
| Mid-States Materials (EVCK) | 843507 | S26 T12S R17E | Douglas Co. | | 2.527 | 2.597 | 2.718 | 2.8 | February 1, 2019 | | | |
| Mid-States Materials (FRLY) | 826101 | S08 T15S R22E | Johnson Co. KS | CS-1 | 2.578 | 2.637 | 2.740 | 2.3 | May 1, 2019 | | | |
| Mid-States Materials (FRLY) | 826101 | S08 T15S R22E | Johnson Co. KS | -1" | 2.541 | 2.602 | 2.707 | 2.4 | December 1, 2019 | | | |
| Mid-States Materials (OZWK) | 843507 | S26 T12S R17E | Douglas Co. | | 2.555 | 2.626 | 2.750 | 2.8 | May 1, 2019 | | | |
| Mid-States Materials (RKBF) | 843507 | S26 T12S R17E | Douglas Co. | | 2.579 | 2.634 | 2.755 | 2.2 | October 1, 2019 | | | |
| 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) | 826101 | S08 T15S R22E | Johnson Co. KS | -3/4" | 2.474 | 2.563 | 2.714 | 3.6 | October 1, 2019 | | | |
| Mid-States Materials (WNRS) | 805012 | S19 T19S R25E | Linn Co. | CS-1 | 2.528 | 2.594 | 2.702 | 2.5 | May 1, 2019 | | | |
| Mid-States Sand | 843902 | S33 T25S R01W | Sedgwick 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, 2018 | s | | |
| Midwest Concrete (MCM) | 813601 | S27 T11S R05E | Geary Co. | | 2.517 | 2.552 | 2.609 | 1.4 | August 1, 2019 | s | | |
| Midwest Minerals (WNRS) | 801708 | S22 T31S R17E | Montgomery Co. | 3/4 | 2.539 | 2.606 | 2.722 | 2.6 | February 1, 2019 | | | |
| Midwest Minerals (BKJG) | 801702 | S30 T30S R24E | Crawford Co. | | 2.567 | 2.618 | 2.705 | 2.0 | August 1, 2019 | | 37.39924 | 94.81974 |
| Midwest Minerals (BKJG) | 801705 | S06 T35S R21E | Labette Co. | CS-1/CA-5 | 2.538 | 2.597 | 2.696 | 2.3 | May 1, 2018 | | 37.03208 | 95.15115 |
| Midwest Minerals (BKJG) | 801724 | S25 T31S R21E | Cherokee Co. | | 2.551 | 2.611 | 2.713 | 2.3 | June 1, 2018 | | | |
| Midwest Minerals (LBRD) | 801703 | S31 T27S R24E | Crawford Co. | 3/4 | 2.541 | 2.596 | 2.690 | 2.2 | May 1, 2019 | | | |
| Midwest Minerals (STNR) | 801722 | S27 T30S R15E | Wilson Co. | -1", 1/2" chips | 2.605 | 2.643 | 2.706 | 1.5 | October 1, 2019 | | 37.41245 | 95.74935 |
| N.A.P. Co (AMZN) | 802439 | S28 T59N R35W | Andrew Co. MO | 3/4" | 2.584 | 2.642 | 2.745 | 2.3 | April 1, 2018 | | | |
| Nelson Quarries (HRFD) | 800125 | S34 T19S R14E | Coffey Co. | 3/4 | 2.523 | 2.597 | 2.725 | 2.9 | February 1, 2019 | | | |
| Nelson Quarries (LBRD) | 800124 | S17 T25S R24E | Bourbon Co. | -1/2", mansand | 2.539 | 2.591 | 2.679 | 2.0 | July 1, 2018 | | 37.86800 | 94.78930 |
| Nelson Quarries (RYTN) | 800101 | S33 T24S R19E | Allen Co. | | 2.491 | 2.564 | 2.681 | 2.9 | July 1, 2018 | | 37.91222 | 95.32786 |
| Northridge Sand | 819102 | S16 T26S R01E | Sedgwick 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 | November 1, 2019 | s | 38.10196 | 102.58315 |
| Raymond Sand | 818201 | S28 T20S R10W | Rice Co. | | 2.567 | 2.590 | 2.626 | 0.9 | January 1, 2016 | s | | |
| Stone Sand | 810401 | S33 T19S R12W | Barton Co. | | 2.566 | 2.591 | 2.631 | 1.0 | June 1, 2019 | s | | |
| Venture Dundee Sand | 810112 | S16 T20S R14W | Barton Co. | | 2.562 | 2.597 | 2.633 | 0.9 | July 1, 2018 | s | | |

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 | 38.76984 | 98.86696 |
|------------|--------|---------------|------------|--|-------|-------|-------|-----|-----------------|---|----------|----------|

**December 2019 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> |
|--------------------------------------|----------------------------------|--------------------------|----------------------|-----------------|---------------------------------|-------------------------------------|-----------------|---------------------------------|--|------------------------------|-----------------|------------------|
| 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 | 39.73481 | 97.78781 |
| 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 | S | | |
| Alsop | 811112 | S30 T13S R02W | Saline Co. | | 2.517 | 2.580 | 2.685 | 2.5 | November 1, 2007 | | | |
| Anchor Stone (WRSW) | 836402 | S34 T28N R32W | Jasper Co. MO | 3/4" | 2.532 | 2.584 | 2.672 | 2.1 | February 1, 2016 | | 37.10327 | 94.40710 |
| APAC (ARGN) | 804007 | S12 T16S R24E | Miami Co | -1, -1/2" | 2.545 | 2.601 | 2.692 | 2.2 | March 1, 2009 | | 38.67201 | 94.69464 |
| APAC (FRLY) | 804008 | S07 T16S R25E | Miami Co | -1" | 2.603 | 2.615 | 2.692 | 1.4 | September 1, 2016 | | | |
| APAC (FRLY, Class I for UTB Overlay) | 804007 | S12 T16S R24E | Miami Co | -1/2" | 2.591 | 2.632 | 2.702 | 1.6 | December 1, 2007 | | 38.67299 | 94.69581 |
| APAC (FRLY/AR) | 804007 | S12 T16S R24E | Miami Co | -3/4" | 2.512 | 2.582 | 2.701 | 2.8 | June 1, 2008 | S | | |
| APAC (FRLY/AR) | 804007 | S12 T16S R24E | Miami Co | -1" | 2.473 | 2.551 | 2.682 | 3.1 | July 1, 2008 | | 38.66821 | 94.69798 |
| 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 | | | |
| 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 | | 36.80405 | 95.86936 |
| 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 | S | | |
| APAC Hays | 811630 | S36 T14S R24W | Trego Co. | | 2.580 | 2.601 | 2.653 | 1.0 | October 15, 2004 | | | |
| APAC Kansas | 801904 | S03 T 21S R13E | Lyon Co. | | 2.535 | 2.601 | 2.714 | 2.6 | June 1, 2007 | | 39.03173 | 94.80922 |
| APAC Kansas | 810903 | S05 T27S R24W | Ford Co. | | 2.578 | 2.602 | 2.641 | 0.9 | September 1, 2013 | S | | |
| APAC Kansas (ARGN Ledge) | 803701 | S01 T12S R23E | Johnson Co. | -3/4" | 2.563 | 2.617 | 2.710 | 2.1 | November 1, 2010 | | | |
| APAC Kansas (CPCK) | 803705 | S10 T14S R23E | Johnson Co. | -3/4", -5/15" | 2.532 | 2.599 | 2.716 | 2.7 | July 1, 2015 | | 38.85231 | 94.84701 |
| 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 | | 39.03190 | 94.80896 |
| 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 | | 38.85297 | 94.84856 |
| 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 | | 38.67412 | 94.69887 |
| 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 | 801916 | S14 T23S R05W | Reno Co. | | 2.560 | 2.570 | 2.610 | 0.9 | December 1, 2004 | S | 38.69783 | 99.30538 |
| 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 | | | |
| APAC-Shears | 801927 | S03 T21S R13E | Hartford | | 2.535 | 2.595 | 2.701 | 2.4 | February 1, 2001 | S | | |
| 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 | | | |
| 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 | | | |
| Associated | 819904 | S12 T30S R01E | Sumner County | | 2.557 | 2.581 | 2.621 | 0.9 | September 1, 2013 | S | | |
| Barber & Sons (BFLS) | 842701 | S07 T47N R30W | Jackson Co. MO | -1/2" | 2.534 | 2.593 | 2.691 | 2.3 | September 1, 2011 | | 38.90338 | 94.27975 |

**December 2019 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> |
|------------------------------|----------------------------------|--------------------------|-------------------------|-------------------|---------------------------------|-------------------------------------|-----------------|---------------------------------|--|------------------------------|-----------------|------------------|
| 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 | | | |
| 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 | | | |
| Belco Materials | 809103 | S11 T25N R8W | Osage Co.OK | 1/2" Chip | 2.563 | 2.613 | 2.699 | 2.0 | May 1, 2005 | | | |
| Belco Materials | 809103 | S11 T25N R8W | Osage Co.OK | -3/4" | 2.584 | 2.630 | 2.709 | 1.8 | May 1, 2005 | c | 36.98155 | 94.80663 |
| Bingham (Atlas Pile) | 821811 | S22 T29N R23E | Ottawa Co. OK | | 2.491 | 2.552 | 2.653 | 2.4 | March 1, 2005 | c | 36.99195 | 94.85100 |
| Bingham (Gordon Pile) | 821815 | S18 T29N R23E | Ottawa Co. OK | | 2.533 | 2.574 | 2.642 | 1.6 | June 1, 2008 | c | | |
| Bladen | 824201 | S18 T02N R14W | Franklin Co. NE | | 2.573 | 2.593 | 2.624 | 0.8 | June 1, 2006 | s | | |
| Bladen | 824205 | S16 T02N R10W | Webster Co. NE | | 2.580 | 2.595 | 2.619 | 0.6 | October 1, 2008 | s | 40.14244 | 98.45629 |
| Blevins Chat | 143801 | S25 T29N R22E | Ottawa Co OK | 3/8 chip | 2.510 | 2.555 | 2.642 | 1.8 | December 1, 2012 | c | 36.96195 | 94.87701 |
| Broce Construction | 809904 | S02 T27S R25W | Ford Co. | | 2.553 | 2.582 | 2.627 | 1.1 | January 1, 2005 | | | |
| Carder | 823512 | S22 T23S R43W | Hamilton CO | | 2.545 | 2.572 | 2.616 | 1.1 | August 1, 2010 | s | | |
| Carder | 823513 | S19 T24S R39W | Hamilton CO | | 2.553 | 2.587 | 2.643 | 1.3 | June 1, 2011 | s | 38.03351 | 102.03022 |
| Carthage Crushed | 848001 | S29 T29N R31W | Jasper Co. MO | | 2.636 | 2.660 | 2.699 | 0.9 | October 1, 2015 | | 37.20735 | 94.32763 |
| Central Paving | 839001 | S17 T26S R04E | Butler, Co. | CS-1 | 2.454 | 2.534 | 2.668 | 3.3 | December 1, 2003 | | | |
| 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 | s | | |
| Cornejo Mtls | 820105 | S14 T31S R10E | Elk Co. | CS1A, CS1 | 2.482 | 2.563 | 2.700 | 3.2 | November 1, 2017 | | | |
| 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 | | |
| Dartmouth Sand | 810401 | S33 T19S R12W | Barton Co. | | 2.564 | 2.589 | 2.628 | 0.9 | August 1, 2012 | s | | |
| Dolese | 809001 | S36 T04N R12W | Comanche Co. OK | | 2.665 | 2.685 | 2.718 | 0.8 | February 1, 2016 | | 34.77073 | 98.40528 |
| Dolese | 809002 | S08 T01S R01E | Davis Co, OK | | 2.664 | 2.683 | 2.716 | 0.7 | February 1, 2016 | | 34.48068 | 97.21703 |
| Evans And Assoc. | CC172602 | S26 T29N R02 E | Kay Co. OK | | 2.520 | 2.560 | 2.623 | 1.5 | December 1, 2004 | | | |
| 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 | c | | |
| 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 | | | |
| Hamm | 800968 | S10 T07S R10E | Pottawatomie Co. | | 2.570 | 2.622 | 2.71 | 2.0 | June 1, 2013 | | | |
| Hamm | 802457 | S10 T14S R04E | Dickinson Co. | | 2.461 | 2.539 | 2.670 | 3.2 | October 1, 2011 | | | |
| Hamm | 800949 | S36 T11S R19E | Jefferson Co. | CS-1 | 2.517 | 2.602 | 2.752 | 3.4 | July 1, 2006 | | | |
| 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 | | 38.80787 | 96.78781 |
| 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 SNBD | 800907 | S15 T13S R21E | Eudora-Douglas Co | | 2.606 | 2.655 | 2.740 | 1.9 | August 1, 2013 | | | |
| 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) | 800950 | S03 T07S R10E | Pottawatomie Co. | | 2.437 | 2.515 | 2.644 | 3.2 | July 1, 2015 | | | |
| Hamm (NEVA) | 800967 | S10 T07S R10E | Pottawatomie Co. | | 2.408 | 2.499 | 2.65 | 3.8 | February 1, 2011 | | | |
| Hamm (STNR) | 800907 | S15 T13S R21E | Eudora-Douglas Co | | 2.588 | 2.639 | 2.728 | 2.0 | June 1, 2014 | | 38.91467 | 95.06402 |

**December 2019 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>Absorp</u> | <u>Date Modified</u> <u>or Verified</u> | <u>Chat or</u> <u>SSG</u> | <u>Latitude</u> | <u>Longitude</u> |
|-------------------------------------|----------------------------------|--------------------------|-------------------|-----------------------|---------------------------------|-------------------------------------|-----------------|---------------------------------|--|------------------------------|-----------------|------------------|
| 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 | | | |
| Hamm HRFD | 800970 | S08 T03S R20E | Doniphan Co. | | 2.616 | 2.663 | 2.750 | 1.8 | May 1, 2015 | | | |
| Hamm Kansas (CPCK) | 803903 | S16 T14S R23E | Johnson Co. | | 2.575 | 2.627 | 2.717 | 2.0 | October 1, 2014 | | 38.83518 | 94.86701 |
| Hamm Kansas (STNR) | 803903 | S16 T14S R23E | Johnson Co. | | 2.570 | 2.621 | 2.704 | 2.0 | October 1, 2015 | | 38.83191 | 94.86777 |
| Hamm Plattsmouth Ledge | 800949 | S36 T11S R19E | Jefferson Co | | 2.468 | 2.543 | 2.668 | 3.0 | January 1, 2002 | | | |
| Hanson Agg (Western Rock) | 826501 | S10 T01S R01W | Murray Co OK | | 2.655 | 2.684 | 2.733 | 1.1 | February 1, 2011 | | | |
| Hard Rock Sand | 809904 | S02 T27S R25W | Ford Co. | SSG | 2.561 | 2.587 | 2.629 | 1.0 | December 1, 2013 | s | 37.72627 | 100.02266 |
| 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 | | 37.77121 | 95.70426 |
| Harshman (SNBD/STNR Ledge) | 800111 | S19 T26S R16E | Woodson Co. | | 2.532 | 2.600 | 2.717 | 2.7 | January 1, 2011 | | | |
| 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 | | 38.38015 | 95.79847 |
| 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 | 36.97992 | 94.83575 |
| Heckert (St. Joe pile Primary) | 842005 | S20 T29N R23E | Ottawa Co. OK | | 2.526 | 2.577 | 2.663 | 2.0 | May 1, 2008 | c | 36.98278 | 94.83655 |
| Heckert (St. Joe pile Vantage East) | 842004 | S20 T29N R23E | Ottawa Co. OK | | 2.498 | 2.564 | 2.672 | 2.6 | May 1, 2008 | s | | |
| Heft Sand | 838501 | S35 T30S R14W | Barber Co. | | 2.539 | 2.576 | 2.636 | 1.5 | April 1, 2007 | | | |
| Huber | 812702 | S18 T24S R33W | Finney Co. | | 2.556 | 2.584 | 2.629 | 1.1 | August 1, 2011 | s | | |
| 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 | | | |
| J&R Sand Co | 814606 | S01 T33S R33W | Seward Co | | 2.527 | 2.572 | 2.644 | 1.8 | October 1, 2011 | s | | |
| Johnson County Aggregates ARGN | 806701 | S09 T14S R23E | Johnson Co. KS | -3/4" | 2.573 | 2.628 | 2.719 | 2.1 | July 1, 2008 | | | |
| Johnson County Aggregates ARGN | 806701 | S09 T14S R23E | Johnson Co. KS | -1/2" | 2.528 | 2.606 | 2.743 | 3.1 | July 1, 2008 | | 38.84477 | 94.86395 |
| Johnson County Aggregates ARGN | 806701 | S09 T14S R23E | Johnson Co. KS | -3/4" | 2.599 | 2.644 | 2.720 | 1.7 | October 1, 2010 | | 38.84507 | 94.86435 |
| Johnson County Aggregates CPCK | 806701 | S09 T14S R23E | Johnson Co. KS | -1" | 2.580 | 2.632 | 2.721 | 2.0 | May 1, 2015 | | | |
| Johnson County Aggregates FRLY | 806701 | S09 T14S R23E | Johnson Co. KS | | 2.622 | 2.662 | 2.732 | 1.5 | June 1, 2010 | | | |
| Johnson County Aggregates FRLY | 806701 | S09 T14S R23E | Johnson Co. KS | -1",-3/4" | 2.617 | 2.655 | 2.722 | 1.5 | December 1, 2015 | | 38.85007 | 94.86372 |
| Johnson County Aggregates SPGH | 806701 | S09 T14S R23E | Johnson Co. KS | -3/4" | 2.512 | 2.592 | 2.731 | 3.2 | October 1, 2009 | | 38.84492 | 94.86620 |
| Johnson County Aggregates SPGH | 806701 | S09 T14S R23E | Johnson Co. KS | -1" | 2.531 | 2.603 | 2.730 | 2.9 | August 1, 2015 | | 38.84645 | 94.86367 |
| Johnson County Aggregates STNR | 806701 | S09 T14S R23E | Johnson Co. KS | | 2.566 | 2.628 | 2.734 | 2.4 | February 1, 2007 | s | | |
| Johnson County Aggregates STNR | 806701 | S09 T14S R23E | Johnson Co. KS | | 2.584 | 2.630 | 2.709 | 1.8 | April 1, 2012 | | 38.84657 | 94.86459 |
| Johnson Sand | 818901 | S31 T14S R02W | Salina | | 2.564 | 2.606 | 2.676 | 1.6 | May 1, 2006 | | | |
| Joplin Stone | 807101 | S26 T28N R32W | Jasper Co. MO | 3/4 Super, 1/2" Clean | 2.495 | 2.564 | 2.679 | 2.8 | November 1, 2014 | | 37.11982 | 94.40110 |
| Joplin Stone (WRSW) | 807101 | S26 T28N R32W | Jasper Co. MO | -3/8 Dirty | 2.473 | 2.550 | 2.680 | 3.1 | May 1, 2013 | | 37.11982 | 94.40110 |
| 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 | s | | |
| Klotz | 812604 | S35 T24S R39W | Hamilton Co. | | 2.518 | 2.565 | 2.644 | 1.9 | December 1, 2006 | | | |
| Klotz | 812809 | S03 T25S R36W | Kearny Co. | | 2.575 | 2.599 | 2.638 | 0.9 | May 1, 2014 | s | | |
| Konza Const. | 813601 | S27 T11S R05E | Geary Co. | | 2.525 | 2.555 | 2.602 | 1.2 | August 1, 2013 | s | | |
| Lafarge Corp (BFLS) | 600609 | S13 T50N R32W | Jackson Co. MO | -3/4" | 2.600 | 2.641 | 2.711 | 1.6 | September 1, 2011 | | 39.14949 | 94.40087 |
| Lakeside S&G | 844705 | S03 T02N R33W | Hitchcock Co. NE | | 2.507 | 2.547 | 2.612 | 1.6 | March 1, 2014 | s | | |
| Larned Sand | 817401 | S04 T22S R16W | Pawnee Co. | | 2.543 | 2.561 | 2.600 | 1.0 | January 1, 2000 | | | |
| Martin Marietta | 800310 | S13 T16S R19W | Franklin Co. | | 2.518 | 2.588 | 2.704 | 2.7 | April 1, 2000 | | | |
| Martin Marietta | 802244 | S23 T28S R11E | Elk Co. | Mansand | 2.518 | 2.589 | 2.711 | 2.8 | July 1, 2012 | | | |
| Martin Marietta | 802323 | S10 T13S R04E | Chapman | CS1-A | 2.487 | 2.564 | 2.693 | 3.1 | July 1, 2002 | | 38.84522 | 96.96287 |
| Martin Marietta | 802402 | S14 T14S R04E | Dickinson Co. | | 2.448 | 2.527 | 2.649 | 3.2 | May 1, 2007 | | | |

December 2019 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 |
|--------------------------------------|--------------------|---------------------|-----------------|----------------------------|-------------------|-----------------------|----------|-------------------|------------------------------|----------------|----------|-----------|
| 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 | 806001 | S16 T18S R16E | Melvorn | | 2.522 | 2.584 | 2.694 | 2.6 | October 1, 1999 | | | |
| Martin Marietta | 808502 | S29 T32S R08E | Winfield | | 2.508 | 2.567 | 2.661 | 2.2 | April 1, 2000 | | | |
| Martin Marietta | 833901 | S07 T13N R69W | Laramie Co., Wy | | 2.768 | 2.777 | 2.793 | 0.3 | June 1, 2017 | | | |
| 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) | 807301 | S36 T50N R34W | Riverside, MO | -3/4 | 2.588 | 2.632 | 2.706 | 1.7 | January 1, 2005 | | | |
| Martin Marietta (BFLS) | 807301 | S36 T50N R34W | Riverside, MO | -5/16 | 2.555 | 2.615 | 2.717 | 2.4 | January 1, 2005 | | | |
| 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 | | 37.59893 | 96.17162 |
| 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 | | 37.59893 | 96.17162 |
| 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, 2016 | | | |
| Martin Marietta (unkwn) | 802244 | S23 T28S R11E | Elk Co. | 3/4" | 2.513 | 2.580 | 2.692 | 2.5 | May 1, 2016 | | | |
| 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 (CPCK) | 826101 | S08 T15S R22E | Johnson Co. KS | -1" | 2.498 | 2.574 | 2.704 | 3.1 | February 1, 2017 | | | |
| 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 | | 38.98323 | 95.48802 |
| 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) | 803507 | S12 T23S R17E | Anderson Co. | -3/4" | 2.515 | 2.586 | 2.707 | 2.8 | June 1, 2015 | | 38.05424 | 95.48704 |
| Mid-States Materials (WKRS and BLGM) | 800403 | S33 T27S R10E | Greenwood Co. | | 2.449 | 2.543 | 2.705 | 3.9 | November 1, 2015 | | | |
| Midwest Concrete | 818601 | S31 T10S R08E | Riley Co. | | 2.570 | 2.598 | 2.645 | 1.1 | July 1, 2010 | S | | |
| 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 | | | |
| Midwest Minerals | 801716 | S09 T30N R30W | Barton Co, MO | | 2.630 | 2.655 | 2.699 | 1.0 | December 1, 2002 | | | |
| Midwest Minerals (CPCK) | 801709 | S16 T32S R15E | Montgomery Co. | | 2.558 | 2.615 | 2.712 | 2.2 | May 1, 2010 | | 37.53576 | 95.32940 |
| Midwest Minerals (WNRS) | 801708 | S22 T31S R17E | Montgomery Co. | 3/4", Chips, Scrngs | 2.530 | 2.598 | 2.716 | 2.7 | March 1, 2015 | | 37.33814 | 95.53600 |
| Midwest Minerals (WNRS) | 801711 | S09 T29S R19E | Neosho Co. | CS-1 (3/4) | 2.517 | 2.588 | 2.708 | 2.8 | September 1, 2006 | | 37.53553 | 95.32708 |
| 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 | | 37.04469 | 95.52620 |
| Midwest Minerals (WNRS) | 801711 | S09 T29S R19E | Neosho Co. | CS-1, CS-1A | 2.456 | 2.543 | 2.690 | 3.6 | November 1, 2010 | | 37.53576 | 95.32940 |
| Midwest Minerals (WNRS) | 801711 | S09 T29S R19E | Neosho Co. | Mansand (CS-2) | 2.487 | 2.575 | 2.726 | 3.5 | November 1, 2010 | | 37.53553 | 95.32708 |
| Midwest Minerals (AMRT) | 801707 | S34 T34S R17E | Montgomery Co. | CS-1, CS-1A | 2.528 | 2.595 | 2.710 | 2.6 | August 1, 2010 | | 37.27630 | 95.27959 |
| Midwest Minerals (CPCK) | 801709 | S09 T32S R15E | Montgomery Co. | CS-1, CS-1a | 2.578 | 2.634 | 2.732 | 2.2 | November 1, 2014 | | 37.26981 | 95.76734 |
| Midwest Minerals (STNR) | 801710 | S18 T32S R14E | Montgomery Co. | | 2.638 | 2.670 | 2.725 | 1.2 | November 1, 2017 | | 37.25991 | 95.91144 |
| Midwest Minerals (WRLD) | 801707 | S34 T34S R17E | Montgomery Co. | | 2.437 | 2.534 | 2.698 | 4.0 | July 1, 2014 | | 37.04494 | 95.52790 |

**December 2019 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>Percent</u> <u>Absorp</u> | <u>Date Modified</u> <u>or Verified</u> | <u>Chat or</u> <u>SSG</u> | <u>Latitude</u> | <u>Longitude</u> | |
|-------------------------------------|----------------------------------|--------------------------|--------------------|-----------------|---------------------------------|-------------------------------------|---------------------------------|--|------------------------------|-----------------|------------------|-----------|
| Midwest Minerals (WRLD) | 801719 | S12 T32S R19E | Labette Co. | Chips | 2.590 | 2.638 | 2.721 | 1.9 | November 1, 2017 | | 37.27997 | 95.28111 |
| Midwest Minerals (WRLD) | 801719 | S12 T32S R19E | Labette Co. | CS-1, CS-1A | 2.584 | 2.632 | 2.715 | 1.9 | December 1, 2007 | | | |
| Midwest Materials | 806302 | S07 T03S R05E | Washington Co. | | 2.557 | 2.581 | 2.621 | 1.0 | August 1, 2009 | S | | |
| 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 (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 | | | |
| Nelson Quarries (BFLS) | 800126 | S17 T25S R24E | Bourbon Co. | | 2.576 | 2.623 | 2.702 | 1.8 | September 1, 2009 | | 38.18572 | 95.25097 |
| Nelson Quarries (SPGH) | 805108 | S30 T21S R20E | Anderson Co. | 3/4 | 2.531 | 2.594 | 2.703 | 2.5 | June 1, 2011 | | 37.64887 | 95.71446 |
| 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 | | | |
| Paulsen Sand & Gr. | 824301 | S19 T03N R30W | Red Willow Co., NE | | 2.502 | 2.542 | 2.609 | 1.6 | March 1, 2001 | S | | |
| Paulsen Sand & Gr. | 824503 | S13 T03N R28W | Red Willow Co., NE | | 2.510 | 2.544 | 2.610 | 1.6 | January 1, 2010 | S | 40.22425 | 100.42759 |
| Penny's Conc. (CPCK) | 800309 | S23 T16S R20E | Franklin Co. | | 2.542 | 2.601 | 2.700 | 2.3 | October 1, 2013 | | 38.64124 | 95.15901 |
| Penny's Conc. (SPGH) | 800309 | S23 T16S R20E | Franklin Co. | | 2.521 | 2.589 | 2.705 | 2.7 | February 1, 2016 | | 38.64257 | 95.15931 |
| Penny's Conc. (STNR) | 800309 | S23 T16S R20E | Franklin Co. | | 2.549 | 2.596 | 2.675 | 1.9 | February 1, 2012 | | 38.64302 | 95.15793 |
| 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 | | | |
| 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 | S | | |
| Quik Sand | 820104 | S34 T28S R01E | Sedgewick Co. | | 2.532 | 2.568 | 2.628 | 1.4 | August 1, 2006 | | | |
| RBK Const. (Basalt) | 848701 | S07 T33S R50W | Baca Co. CO | | 2.678 | 2.734 | 2.837 | 2.0 | February 1, 2017 | | | |
| Seacat & Heft | 815801 | S04 T29S R17W | Kiowa Co. | | 2.529 | 2.570 | 2.637 | 1.6 | September 1, 2014 | S | | |
| Shawnee Rock (Argentine Ledge) | 803705 | S10 T14S R23E | Johnson Co. | -3/4" | 2.597 | 2.645 | 2.728 | 1.8 | April 1, 2005 | | | |
| 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 | | 38.85213 | 94.84732 |
| Shawnee Rock (ARGN Ledge) | 803705 | S10 T14S R23E | Johnson Co. | -3/4" | 2.585 | 2.636 | 2.725 | 2.0 | September 1, 2008 | | | |
| Shawnee Rock (Captains Creek Ledge) | 803705 | S10 T14S R23E | Johnson Co. | | 2.538 | 2.607 | 2.728 | 2.7 | June 1, 2003 | | 38.85159 | 94.84868 |
| Shawnee Rock (CPCK Ledge) | 803705 | S10 T14S R23E | Johnson Co. | | 2.561 | 2.621 | 2.724 | 2.4 | October 1, 2009 | | 39.02871 | 94.80701 |
| Shawnee Rock (DRUM Ledge) | 803701 | S01 T12S R23E | Johnson Co. | | 2.561 | 2.621 | 2.726 | 2.4 | August 1, 2009 | | 38.85158 | 94.84464 |
| 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 | | | |
| Shawnee Rock (RYTN Ledge) | 803701 | S01 T12S R23E | Johnson Co. | | 2.592 | 2.650 | 2.754 | 2.3 | October 1, 2006 | | | |
| Shawnee Rock (RYTN Ledge) | 803703 | S06 T12S R24E | Johnson Co. | -3/4 | 2.586 | 2.651 | 2.764 | 2.5 | May 1, 2004 | | 38.85145 | 94.84608 |
| Shawnee Rock (Springhill Ledge) | 803705 | S10 T14S R23E | Johnson Co. | -3/4" | 2.518 | 2.598 | 2.738 | 3.2 | May 1, 2007 | | 38.85153 | 94.84715 |
| Shawnee Rock (STNR Ledge) | 803705 | S10 T14S R23E | Johnson Co. | | 2.566 | 2.621 | 2.716 | 2.1 | July 1, 2006 | | | |
| 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 | S | | |
| 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 | | 93.22149 | 37.22456 |
| 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 | | |

**December 2019 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>Percent</u> <u>Absorp</u> | <u>Date Modified</u> <u>or Verified</u> | <u>Chat or</u> <u>SSG</u> | <u>Latitude</u> | <u>Longitude</u> |
|----------------------------------|----------------------------------|--------------------------|------------------|----------------------|---------------------------------|-------------------------------------|---------------------------------|--|------------------------------|-----------------|-------------------|
| Sterling Sand | 818301 | S04 T22S R08W | Rice Co. | | 2.550 | 2.593 | 2.633 | 0.9 | January 1, 2000 | S | |
| Stone Sand | 810201 | S32 T19S R13W | Barton Co. | | 2.552 | 2.580 | 2.624 | 1.1 | January 1, 2000 | | |
| T&F Sand/Gravel | 824902 | S08 T08N R18W | Buffalo Co. NE | | 2.588 | 2.603 | 2.630 | 0.7 | October 1, 2009 | S | |
| 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 | | |
| TXI | 840402 | S26 T02S R04E | Johnston Co., OK | | 2.772 | 2.797 | 2.842 | 0.9 | February 1, 2014 | | 34.35341 96.85979 |
| Venture | 810120 | S15 T29S R15W | Pratt Co. | | 2.570 | 2.595 | 2.634 | 1.0 | April 1, 2012 | S | |
| 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 | | |
| Wade Limestone | 805004 | S28 T18S R25E | Miami Co. | | 2.527 | 2.587 | 2.689 | 2.4 | September 1, 2005 | | |
| Wade Limestone | 805007 | S32 T19S R23E | Linn Co. | | 2.493 | 2.574 | 2.714 | 3.3 | December 1, 2002 | | |
| Wade Limestone (BFLS) | 805009 | S20 T19S R25E | Linn Co. | | 2.486 | 2.568 | 2.709 | 3.3 | April 1, 2005 | | 38.37957 94.67730 |
| 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 | | 38.37638 94.67629 |
| Wade Limestone (WNRS) | 805007 | S32 T19S R23E | Linn Co. | CS-1, CS-1A | 2.563 | 2.610 | 2.703 | 2.1 | May 1, 2016 | | 38.35178 94.89546 |
| Wade Limestone (WNRS) | 805007 | S32 T19S R23E | Linn Co. | Screenings | 2.485 | 2.571 | 2.721 | 3.5 | May 1, 2016 | | 38.35178 94.89546 |
| Wade Quarries (SPGH) | 805011 | S16 T20S R20E | Anderson Co. | -3/4" | 2.436 | 2.519 | 2.658 | 3.4 | July 1, 2013 | | 38.31148 95.20013 |
| 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 | | 37.25346 96.53782 |
| 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 | | |
| Whitaker | 800205 | S12 T34S R07E | Cowley Co. | 1/2", 3/4" | 2.540 | 2.595 | 2.688 | 2.2 | October 1, 2017 | | |
| 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 | | 38.34611 95.25411 |
| Whitaker (CPK/SP) | 800201 | S01 T20S R19E | Anderson Co. | -3/4 (W4) | 2.477 | 2.564 | 2.712 | 3.5 | March 1, 2013 | | 38.34611 95.25411 |
| Whitaker (Mound City) BFLS Ledge | 800208 | S19 T22S R24E | Linn Co. | 3/4", Mansand | 2.509 | 2.568 | 2.666 | 2.4 | October 1, 2013 | | 38.11569 94.81990 |
| Whitaker (Mound City) BFLS Ledge | 800208 | S19 T22S R24E | Linn Co. | Screenings | 2.428 | 2.509 | 2.643 | 3.4 | October 1, 2013 | | 38.11569 94.81990 |
| Whitaker (Savonburg) BFLS Ledge | 800208 | S19 T22S R24E | Linn Co. | 1/2" Chips | 2.448 | 2.517 | 2.629 | 2.8 | November 1, 2013 | | 38.11569 94.81991 |
| Whitaker (SNBD/ST) | 800304 | S32 T21S R19E | Anderson Co. | -3/4" | 2.550 | 2.606 | 2.700 | 2.2 | February 1, 2015 | | 38.17306 95.22595 |
| Whitaker NEVA | 800205 | S12 T34S R07E | Cowley Co. | | 2.550 | 2.603 | 2.692 | 2.1 | July 1, 2013 | | 37.10905 96.61957 |
| Whitfield Sand | 813411 | S20 T21S R07W | Rice Co. | | 2.557 | 2.583 | 2.624 | 1.0 | February 1, 2002 | | |
| Ysidro Sand | 847401 | S25T29SR01E | Sedgwick County | | 2.540 | 2.569 | 2.615 | 1.1 | March 1, 2013 | S | |

December 2019 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 |
|------------------------------|--------------------|----------------------|---------------------|--------------------------|-------------------|-----------------------|-------------------------------|------------------------------|----------------|----------|-----------|
| Allied Inc | 811604 | S25 T15S R19W | Ellis Co | | 2.621 | 2.629 | 2.650 0.4 | November 1, 2015 | S | | |
| Alsop | 811105 | S27 T05S R03W | Cloud Co. | | 2.610 | 2.619 | 2.634 0.4 | October 1, 2018 | S | | |
| Alsop | 811107 | S27 T13S R01E | Dickinson Co. | | 2.612 | 2.629 | 2.656 0.6 | July 1, 2017 | S | | |
| Alsop | 811114 | S05 T04S R04W | Republic Co. | | 2.597 | 2.610 | 2.629 0.5 | August 1, 2017 | S | 39.73909 | 97.78814 |
| APAC Kansas | 826003 | S14 T12S R08W | Lincoln Co. | | 2.610 | 2.638 | 2.684 1.1 | July 1, 2018 | | | |
| 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 | September 1, 2019 | S | | |
| APAC-Shears (HRFD) | 801935 | S02 T21S R13E | Coffey Co. | | 2.558 | 2.630 | 2.726 2.2 | September 1, 2019 | | | |
| 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) | 802414 | S33 T11S R09E | Riley Co. | | 2.555 | 2.611 | 2.706 2.2 | October 1, 2018 | | | |
| Bayer Const. Co. (TRKO) | 802445 | S04 T11S R09E | Riley Co. | 1/4" Screenings, Mansand | 2.547 | 2.615 | 2.732 2.7 | January 1, 2019 | | | |
| Bayer Const. Co. (TRKO) | 802449 | S03 T11S R09E | Riley Co. | | 2.485 | 2.564 | 2.699 3.3 | January 1, 2018 | | | |
| 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 | | 2.571 | 2.619 | 2.701 1.9 | June 1, 2019 | | | |
| Bingham (Blue Gooses Pile) | 821803 | S30 T29N R23E | Ottawa Co. OK | | 2.543 | 2.585 | 2.656 1.7 | September 1, 2018 | C | 36.96551 | 94.86425 |
| Bingham (Lawyer Pile) | 821816 | S28 T29N R23E | Ottawa Co. OK | Dragsand | 2.546 | 2.587 | 2.652 1.6 | May 1, 2019 | C | 36.96520 | 94.82437 |
| Bingham (Skeleton Pile) | 821807 | S29 T29N R23E | Ottawa Co. OK | | 2.560 | 2.596 | 2.656 1.4 | May 1, 2019 | C | 36.95853 | 94.83331 |
| Bingham (Sooner Pile) | 821812 | S16 T29N R23E | Ottawa Co. OK | | 2.521 | 2.576 | 2.668 2.2 | August 1, 2019 | C | 36.99744 | 94.82679 |
| Bladen Sand | 823802 | S014 T02N R16W | Franklin Co. NE | | 2.607 | 2.625 | 2.632 0.7 | February 1, 2015 | S | | |
| Blue River Sand | 805404 | S25 T04S R06E | Marshall Co. | | 2.590 | 2.625 | 2.650 1.6 | October 1, 2018 | S | | |
| Builders Choice | 845601 | S20 T11S R15E | Shawnee Co. | SSG | 2.596 | 2.611 | 2.637 0.6 | July 1, 2017 | S | | |
| Central Sand | 848601 | S22 T26S R01W | Sedgwick County | SSG | 2.610 | 2.621 | 2.635 0.4 | December 1, 2018 | S | | |
| Concrete Enterprise | 813403 | S04 T28S R13W | Pratt Co. | | 2.603 | 2.617 | 2.639 0.5 | November 1, 2018 | 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 | August 1, 2019 | S | | |
| Cornejo Mtls | 820103 | S23 T26S R01W | Sedgwick Co. | SSG | 2.603 | 2.614 | 2.630 0.4 | August 1, 2019 | S | | |
| Cornejo Stone | 801504 | S13 T31S R10E | Elk Co. | Mansand | 2.495 | 2.575 | 2.712 3.0 | February 1, 2018 | | 37.35270 | 96.28578 |
| 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 | | |
| Eakins Sand | 817302 | S08 T22S R16W | Pawnee Co. | | 2.595 | 2.610 | 2.632 0.5 | May 1, 2018 | S | 38.15791 | 99.11149 |
| 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, 2019 | 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 | 800976 | S15 T14S R04E | Dickinson Co. | | 2.444 | 2.536 | 2.695 3.8 | April 1, 2018 | | | |
| Hamm (ARGN) | 803903 | S16 T14S R23E | Johnson Co. | CS-1A, 3/8" | 2.550 | 2.618 | 2.736 2.7 | June 1, 2019 | | | |
| Hamm (EVCK) | 800977 | S09 T11S R17E | Jefferson Co. | | 2.503 | 2.575 | 2.699 2.9 | May 1, 2018 | | | |
| Hamm (FRLY) | 803903 | S16 T14S R23E | Johnson Co. | Dust | 2.526 | 2.595 | 2.715 2.7 | March 1, 2019 | | | |
| Hamm (FRLYARG) | 804008 | S07 T16S R25E | Miami Co | Mansand | 2.471 | 2.556 | 2.703 3.5 | July 1, 2019 | | | |
| Hamm (NEVA) | 800980 | S11 T07S R10E | Pottawatomie Co. | | 2.408 | 2.499 | 2.650 3.8 | February 5, 2018 | | | |
| 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 | | | |
| Hamm (STNR) | 800907 | S15 T13S R21E | Douglas Co. | | 2.572 | 2.630 | 2.732 2.3 | July 1, 2019 | | | |
| Hard Rock Sand | 844501 | S31 T26S R25W | Ford Co. | | 2.617 | 2.661 | 2.655 0.8 | April 1, 2016 | S | | |
| Harshman Const. | 801517 | S04 T30S R11E | Elk Co. | Screenings | 2.480 | 2.568 | 2.721 3.6 | December 1, 2019 | | | |
| Hartford S&G | 824802 | S30T10SR08E | Riley Co. | SSG | 2.594 | 2.606 | 2.624 0.4 | October 1, 2019 | S | | |
| Hi-Plains Sand | CC130704 | S19 T16S R06W | Ellsworth Co. | | 2.628 | 2.642 | 2.655 1.1 | December 1, 2019 | S | 38.64956 | 98.03405 |
| Holliday Sand | 815401 | S32 T11S R23E | Johnson Co. | SSG | 2.597 | 2.610 | 2.631 0.5 | December 1, 2017 | S | | |
| Holliday Sand | 815410 | S16 T17N R14E | Tulsa Co. OK | SSG | 2.610 | 2.621 | 2.637 0.4 | March 1, 2016 | S | 35.95637 | 95.83234 |
| 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 | | |

**December 2019 LETTING
PROCEDURE II 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>Percent</u> <u>Apparent</u> | <u>Absorp</u> | <u>Date Modified</u> <u>or Verified</u> | <u>Chat or</u> <u>SSG</u> | <u>Latitude</u> | <u>Longitude</u> |
|--------------------------------|----------------------------------|--------------------------|--------------------|-----------------|---------------------------------|-------------------------------------|-----------------------------------|---------------|--|------------------------------|-----------------|------------------|
| Holiday Sand Mo. River | 815407 | S10 T50N R32W | Randolph, Missouri | SSG | 2.599 | 2.617 | 2.647 | 0.7 | May 1, 2018 | s | | |
| Huber | 812701 | S21 T24S R32W | Finney Co. | | 2.609 | 2.620 | 2.640 | 0.4 | January 1, 2018 | s | 37.95444 | 100.84933 |
| Huber | 835801 | S17 T24S R40W | Hamilton Co. | | 2.610 | 2.620 | 2.630 | 0.3 | December 1, 2017 | s | | |
| Hunt (BFLS underground) | 803512 | S02 T52N R34W | Platte Co MO | Mansand | 2.593 | 2.637 | 2.713 | 1.7 | May 1, 2018 | | | |
| Hunt-Martin Materials (CPCK) | 800310 | S13 T16S R19E | Franklin Co. | Mansand | 2.479 | 2.569 | 2.726 | 3.6 | August 1, 2018 | | | |
| Ideker, Inc | 835403 | S08 T52N R30W | Clay Co. MO | | 2.566 | 2.617 | 2.706 | 2.0 | July 1, 2018 | | | |
| Iron Mountain Trap Rock | 823701 | S30 T35N R04E | St Francois Co MO | | 2.578 | 2.605 | 2.638 | 0.9 | August 1, 2018 | | | |
| Johnson County Aggregates ARGN | 806701 | S09 T14S R23E | Johnson Co. KS | Mansand | 2.573 | 2.631 | 2.730 | 2.2 | January 1, 2019 | | | |
| Johnson County Aggregates FRLY | 806701 | S09 T14S R23E | Johnson Co. KS | Dust | 2.537 | 2.607 | 2.728 | 2.7 | May 1, 2018 | | | |
| Johnson Sand | 818902 | S 05 T15S R02W | Salina | | 2.618 | 2.633 | 2.658 | 0.6 | November 1, 2015 | s | 38.78218 | 97.57118 |
| Johnson Sand | 818903 | S 32T14S R02W | Salina | | 2.620 | 2.632 | 2.654 | 0.5 | October 1, 2018 | s | | |
| Kansas Sand | 830903 | S21 T11S R14E | Shawnee Co. | | 2.602 | 2.611 | 2.627 | 0.4 | May 1, 2017 | 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 | June 1, 2019 | s | | |
| Klotz | 814202 | S18 T24S R40W | Hamilton Co. | | 2.586 | 2.604 | 2.648 | 0.7 | December 1, 2017 | s | | |
| Martin Marietta (COCA) | 800318 | S03 T50N R32W | Clay Co MO | Mansand | 2.629 | 2.661 | 2.716 | 1.2 | March 1, 2018 | | | |
| Martin Marietta (EVCK) | 802458 | S35 T01N R12E | Pawnee Co. NE | | 2.529 | 2.593 | 2.703 | 2.6 | April 1, 2019 | | | |
| Martin Marietta (LFRLY) | 800319 | S04 T13S R22E | Johnston Co. | Mansand | 2.547 | 2.612 | 2.730 | 2.6 | November 1, 2018 | | | |
| Martin Marietta (PLSM) | 802453 | S10 T10N R11E | Cass Co. NE | | 2.649 | 2.676 | 2.723 | 1.0 | April 1, 2019 | | | |
| Martin Marietta (UFRLY) | 800319 | S04 T13S R22E | Johnston Co. | Mansand | 2.529 | 2.602 | 2.728 | 2.9 | January 1, 2018 | | | |
| Mid-States Materials | 843512 | S29T11SR15E | Shawnee Co. | SSG | 2.598 | 2.613 | 2.637 | 0.5 | August 1, 2019 | s | 39.06816 | 95.77245 |
| Mid-States Materials (EVCK) | 843507 | S26 T12S R17E | Douglas Co. | | 2.518 | 2.576 | 2.672 | 2.3 | May 1, 2019 | | | |
| Mid-States Materials (FRLY) | 826101 | S08 T15S R22E | Johnson Co. KS | Mansand | 2.550 | 2.618 | 2.737 | 2.7 | 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 (SPGH) | 800317 | S01 T17S R20E | Franklin Co. | 1/4- Man | 2.465 | 2.552 | 2.699 | 3.5 | May 1, 2018 | | | |
| Mid-States Materials (WNRS) | 805012 | S19 T19S R25E | Linn Co. | Mansand | 2.498 | 2.578 | 2.715 | 3.2 | May 1, 2019 | | | |
| 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 | Wabauunsee 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 | January 1, 2018 | s | | |
| Midwest Concrete | 817105 | S35 T11S R18E | Douglas Co. | | 2.582 | 2.600 | 2.628 | 0.7 | July 1, 2019 | s | | |
| Midwest Concrete | 818604 | S30 T10S R08E | Riley Co. | | 2.601 | 2.620 | 2.645 | 0.6 | March 1, 2015 | 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. | | 2.590 | 2.607 | 2.631 | 0.6 | August 1, 2019 | s | | |
| Midwest Materials | 806302 | S07 T03S R05E | Washington Co. | | 2.600 | 2.614 | 2.638 | 0.6 | December 1, 2019 | s | | |
| Midwest Minerals (WNRS) | 801708 | S22 T31S R17E | Montgomery Co. | Mansand | 2.513 | 2.597 | 2.743 | 3.3 | February 1, 2019 | | | |
| Midwest Minerals (BKJG) | 801702 | S30 T30S R24E | Crawford Co. | Mansand | 2.527 | 2.593 | 2.705 | 2.6 | August 1, 2018 | | | |
| Midwest Minerals (BKJG) | 801705 | S06 T35S R21E | Labette Co. | Mansand | 2.498 | 2.568 | 2.686 | 2.8 | February 1, 2018 | | 37.03208 | 95.15115 |
| Midwest Minerals (BKJG) | 801724 | S25 T31S R21E | Cherokee Co. | | 2.535 | 2.603 | 2.720 | 2.7 | June 1, 2018 | | | |
| Midwest Minerals (LBRD) | 801703 | S31 T27S R24E | Crawford Co. | Screenings | 2.521 | 2.582 | 2.684 | 2.4 | May 1, 2019 | | | |
| Midwest Minerals (STNR) | 801722 | S27 T30S R15E | Wilson Co. | 1/2" chips | 2.589 | 2.630 | 2.701 | 1.6 | July 1, 2018 | | 37.41245 | 95.74935 |
| Muskogee Sand | 841501 | S04 T15N R18E | Muskogee Co. OK | | 2.608 | 2.619 | 2.639 | 0.5 | August 1, 2016 | s | 35.80858 | 95.40816 |
| N.A.P. Co (AMZN) | 802439 | S28 T59N R35W | Andrew Co. MO | Mansand | 2.580 | 2.644 | 2.757 | 2.5 | May 1, 2018 | | | |
| Nelson Quarries (HRFD) | 800125 | S34 T19S R14E | Coffey Co. | Screenings | 2.535 | 2.604 | 2.724 | 2.7 | May 1, 2018 | | | |
| Northridge Sand | 819102 | S16 T26S R01E | Sedgwick Co. | | 2.597 | 2.614 | 2.643 | 0.7 | September 1, 2019 | s | | |
| Raymond Sand | 818201 | S28 T20S R10W | Rice Co. | | 2.589 | 2.604 | 2.627 | 0.6 | January 1, 2016 | s | | |
| Sahara River | 811703 | S24 T12S R22E | Leavenworth Co. | | 2.613 | 2.605 | 2.624 | 0.5 | February 1, 2019 | s | | |
| Stone Sand | 810401 | S33 T19S R12W | Barton Co. | | 2.586 | 2.605 | 2.636 | 0.8 | June 1, 2019 | s | | |
| Venture Dundee Sand | 810112 | S16 T20S R14W | Barton Co. | | 2.592 | 2.607 | 2.633 | 0.6 | July 1, 2019 | s | | |
| Whitaker (RDEG) | 800205 | S12 T34S R07E | Cowley Co. | | 2.542 | 2.600 | 2.698 | 2.3 | February 1, 2019 | | | |

**December 2019 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 Absorp</u> | <u>Date Modified or Verified</u> | <u>Chat or SSG</u> | <u>Latitude</u> | <u>Longitude</u> |
|---|----------------------------|--------------------------|-------------------|---------------------|---------------------------|-------------------------------|--|--------------------------------------|------------------------|-----------------|------------------|
| Deleted Values | | | | | | | | | | | |
| The following are values from sources that have been deleted from the active list and are for reference only. | | | | | | | | | | | |
| Alsop | 811107 | S27 T13S R01E | Dickinson Co. | | 2.600 | 2.620 | 2.660 0.7 | April 1, 2007 | S | | |
| Anchor Stone (WRSW) | 836402 | S34 T28N R32W | Jasper Co. MO | Mansand | 2.515 | 2.579 | 2.688 2.6 | February 1, 2016 | | 37.10327 | 94.40710 |
| APAC (FRLY) | 804008 | S07 T16S R25E | Miami Co | -5/16" | 2.533 | 2.597 | 2.707 2.6 | August 1, 2010 | | | |
| 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 | | | |
| APAC Central (DEWY) | 809101 | S25 T27N R13E | Washington Co. OK | Mansand, Screenings | 2.608 | 2.667 | 2.775 2.3 | September 1, 2014 | | 36.80405 | 95.86936 |
| APAC Hays | 811614 | S17 T7S R39W | Sherman Co. | | 2.570 | 2.597 | 2.633 0.8 | October 15, 2004 | S | | |
| APAC Hays | 811628 | S35 T10S R32W | Thomas Co. | | 2.594 | 2.624 | 2.675 1.2 | October 15, 2004 | S | | |
| APAC Kansas | 810903 | S05 T27S R24W | Ford Co. | | 2.615 | 2.628 | 2.651 0.6 | December 1, 2006 | S | | |
| APAC Kansas | 826003 | S14 T12S R08W | Lincoln Co. | | 2.619 | 2.639 | 2.672 0.8 | March 1, 2016 | | | |
| APAC Kansas | 826012 | S12 T12S R08W | Lincoln Co. | CS-2, Grizzly | 2.641 | 2.657 | 2.684 0.6 | May 1, 2011 | | | |
| APAC Kansas (ARGN Ledge) | 803701 | S01 T12S R23E | Johnson Co. | Dust | 2.532 | 2.597 | 2.707 2.5 | November 1, 2010 | | 39.03173 | 94.80922 |
| APAC Kansas (CPCK) | 803705 | S10 T14S R23E | Johnson Co. | Dust | 2.485 | 2.570 | 2.717 3.4 | September 1, 2014 | | 38.85231 | 94.84701 |
| APAC Kansas (FRLY) | 803705 | S10 T14S R23E | Johnson Co. | Dust | 2.537 | 2.607 | 2.748 2.8 | May 1, 2016 | | | |
| APAC Kansas (LFRLY Ledge) | 803701 | S01 T12S R23E | Johnson Co. | Dust | 2.521 | 2.590 | 2.710 2.8 | November 1, 2010 | | 39.03190 | 94.80896 |
| APAC Kansas (STNR Ledge) | 803705 | S10 T14S R23E | Johnson Co. | -5/16", dust | 2.552 | 2.610 | 2.710 2.3 | November 1, 2010 | | 38.85366 | 94.84856 |
| APAC-Shears | 831401 | S35 T27S R01W | Sedgwick County | | 2.604 | 2.618 | 2.639 0.5 | November 1, 2014 | S | | |
| APAC-Shears | 831401 | S35 T27S R01W | Sedgwick 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 | S | | |
| Associated | 819905 | S14 T26S R01E | Sedgwick County | | 2.597 | 2.612 | 2.637 0.6 | October 15, 2004 | S | | |
| 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) | 843101 | S33 T10S R09E | Riley Co. | | 2.564 | 2.628 | 2.740 2.5 | May 1, 2012 | | | |
| BELCO APAC DEWY Ledge) | 809101 | S25 T27N R13E | Nowata, OK | | 2.629 | 2.660 | 2.725 1.4 | October 1, 2009 | | 36.80490 | 95.87233 |
| Belco Materials | 809101 | S25 T27N R13E | Washington Co.OK | | 2.607 | 2.648 | 2.720 1.6 | July 1, 2007 | | | |
| Beyer Crushed Rock Co (BFLS) | 806901 | S26 T54N R33W | Cass Co. MO | | 2.534 | 2.588 | 2.679 2.1 | September 1, 2009 | | 38.69364 | 94.54699 |
| Bingham (Atlas Pile) | 821811 | S22 T29N R23E | Ottawa Co. OK | | 2.523 | 2.573 | 2.567 2.0 | March 1, 2015 | c | 36.98076 | 94.80795 |
| Bingham (Gordon Pile) | 821815 | S18 T29N R23E | Ottawa Co. OK | | 2.545 | 2.587 | 2.656 1.7 | June 1, 2008 | c | 36.99195 | 94.85100 |
| Bingham (Ottawa Pile) | 821806 | S17 T29N R23E | Ottawa Co. OK | | 2.547 | 2.583 | 2.642 1.4 | December 1, 2014 | c | 36.99438 | 94.83992 |
| Bingham (Sooner Pile) | 821812 | S16 T29N R23E | Ottawa Co. OK | | 2.535 | 2.576 | 2.643 1.6 | July 1, 2007 | c | | |
| Bladden (Formerly Amman Sand) | 823802 | S14 T02N R16W | Franklin Co., NE | | 2.599 | 2.630 | 2.651 0.5 | November 1, 2000 | S | | |
| Bladden (Formerly Amman Sand) | 823802 | S14 T02N R16W | Franklin Co., NE | | 2.599 | 2.630 | 2.651 0.5 | November 1, 2000 | | | |
| Blevins Chat | 143801 | S25 T29N R22E | Ottawa Co OK | 3/8 chip, dragsand | 2.517 | 2.568 | 2.651 2.0 | August 1, 2014 | c | 36.96195 | 94.87701 |
| Broce Construction | 809904 | S02 T27S R25W | Ford Co. | | 2.588 | 2.611 | 2.645 0.8 | January 1, 2005 | S | | |
| Builders Choice | 820603 | S23 T11S R16E | Shawnee Co. | SSG | 2.608 | 2.621 | 2.648 0.6 | July 1, 2014 | S | | |
| Carder | 823503 | S30 T22S R44W | Powers Co. CO | SSG, CG | 2.602 | 2.622 | 2.656 0.8 | July 1, 2013 | S | | |
| Carthage Crushed | 848001 | S29 T29N R31W | Jasper Co. MO | | 2.631 | 2.658 | 2.703 1.0 | July 1, 2015 | | 37.20735 | 94.32763 |
| 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 | Sedgwick Co. | SSG | 2.614 | 2.623 | 2.638 0.4 | August 1, 2014 | S | | |
| Cornejo Mtls | 820105 | S14 T31S R10E | Elk Co. | CS2 | 2.506 | 2.585 | 2.723 3.2 | November 1, 2014 | | | |
| Cornejo Stone | 820105 | S14 T31S R10E | Elk Co. | Screenings, mansand | 2.495 | 2.583 | 2.736 3.5 | February 1, 2017 | | | |
| Dartmouth Sand | 810401 | S33 T19S R12W | Barton Co. | | 2.610 | 2.640 | 2.689 1.1 | September 1, 2012 | S | | |
| Deweese | 825001 | S17 T01N R07W | Nuckolls Co. NE | SSG | 2.594 | 2.622 | 2.669 1.1 | January 1, 2008 | S | | |
| Dolese | 809001 | S36 T04N R12W | Comanche Co. OK | Screenings, Mansand | 2.638 | 2.669 | 2.721 1.2 | October 1, 2006 | | | |

December 2019 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 |
|--------------------------------|--------------------|----------------------|-------------------|---------------------------|-------------------|-----------------------|-------------------------------|------------------------------|----------------|----------|-----------|
| Dolese | 809001 | S36 T04N R12W | Comanche Co. OK | CS-1C | 2.670 | 2.690 | 2.725 0.8 | October 1, 2006 | | | |
| Dolese | 809001 | S36 T04N R12W | Comanche Co. OK | | 2.649 | 2.671 | 2.710 0.8 | October 1, 2014 | | | |
| Dolese | 809002 | S08 T01S R01E | Davis Co. OK | | 2.641 | 2.668 | 2.713 1.0 | January 1, 2013 | | | |
| Dolese | 809402 | S32 T06N R15W | Kiowa Co. OK | | 2.672 | 2.700 | 2.747 1.0 | April 1, 2012 | | | |
| 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 | c | 36.95833 | 94.84167 |
| Geary Co. Sand | 813601 | S27 T11S R05E | Geary Co. | | 2.604 | 2.619 | 2.643 0.6 | August 1, 2013 | s | | |
| Granite Mountain | 838701 | S26 T01N R12W | Pulaski Co., AR | | 2.604 | 2.615 | 2.633 0.4 | April 17, 2017 | | | |
| 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 | 800968 | S10 T07S R10E | Pottawatomie Co. | | 2.471 | 2.557 | 2.703 3.5 | January 1, 2010 | | | |
| 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 (SNBD) | 800907 | S15 T13S R21E | Eudora-Douglas Co | | 2.567 | 2.623 | 2.719 2.2 | August 1, 2013 | | | |
| 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) | 800950 | S03 T07S R10E | Pottawatomie Co. | | 2.432 | 2.529 | 2.693 4.0 | May 1, 2015 | | | |
| Hamm (NEVA) | 800967 | S10 T07S R10E | Pottawatomie Co. | | 2.403 | 2.509 | 2.689 4.4 | August 1, 2010 | | | |
| Hamm (STNR) | 800907 | S15 T13S R21E | Eudora-Douglas Co | MNSND | 2.547 | 2.605 | 2.704 2.3 | July 1, 2014 | | | |
| 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 | | | |
| Hard Rock Sand | 809904 | S02 T27S R25W | Ford Co. | SSG | 2.605 | 2.622 | 2.651 0.7 | December 1, 2013 | s | 37.72627 | 100.02266 |
| Harshman (SNBD/STNR Ledge) | 800111 | S19 T26S R16E | Woodson Co. | | 2.509 | 2.582 | 2.706 2.9 | September 1, 2010 | | 37.77121 | 95.70426 |
| 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 | | | |
| 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 | 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 | 35.95442 | 95.86949 |
| Holliday Sand | 815412 | S32 T11S R23E | Wyandotte Co. | SSG | 2.587 | 2.603 | 2.628 0.7 | July 1, 2014 | s | | |
| J Corp | 808303 | S30 T15S R18W | Ellis Co. | | 2.611 | 2.629 | 2.626 0.7 | May 1, 2014 | s | 38.72332 | 99.36835 |
| 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 | | 38.84677 | 94.86382 |
| Johnson County Aggregates CPCK | 806701 | S09 T14S R23E | Johnson Co. KS | -1" | 2.495 | 2.579 | 2.723 3.3 | May 1, 2015 | | | |
| Johnson County Aggregates FRLY | 806701 | S09 T14S R23E | Johnson Co. KS | Chips | 2.615 | 2.656 | 2.728 1.6 | August 1, 2012 | | 38.84639 | 94.86359 |
| Johnson County Aggregates FRLY | 806701 | S09 T14S R23E | Johnson Co. KS | Dust, Mansand | 2.528 | 2.596 | 2.714 2.8 | April 1, 2016 | | 38.84731 | 94.86228 |
| Johnson County Aggregates SPGH | 806701 | S09 T14S R23E | Johnson Co. KS | Dust | 2.466 | 2.555 | 2.708 3.6 | October 1, 2009 | | 38.84438 | 94.86339 |
| Johnson County Aggregates SPGH | 806701 | S09 T14S R23E | Johnson Co. KS | Mansand | 2.509 | 2.595 | 2.742 3.4 | October 1, 2015 | | | |
| Johnson County Aggregates STNR | 806701 | S09 T14S R23E | Johnson Co. KS | 1/4" | 2.546 | 2.607 | 2.717 2.5 | February 1, 2007 | | 38.84492 | 94.86620 |
| Johnson County Aggregates STNR | 806701 | S09 T14S R23E | Johnson Co. KS | screenings | 2.464 | 2.545 | 2.677 3.2 | February 1, 2007 | | 38.84492 | 94.86620 |
| Johnson County Aggregates STNR | 806701 | S09 T14S R23E | Johnson Co. KS | manand | 2.568 | 2.621 | 2.711 2.1 | April 1, 2012 | | 38.84657 | 94.86459 |
| Joplin Stone | 807101 | S26 T28N R32W | Jasper Co. MO | 3/8-, Mansand, Screenings | 2.482 | 2.561 | 2.695 3.2 | July 1, 2010 | | 37.12422 | 94.39609 |
| Joplin Stone (WRSW) | 807101 | S26 T28N R32W | Jasper Co. MO | 1/2" Clean | 2.509 | 2.572 | 2.678 2.5 | May 1, 2013 | | 37.11982 | 94.40110 |
| 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 | | 37.11982 | 94.40110 |
| 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 | | |
| Klotz | 812809 | S03 T25S R36W | Kearny Co. | | 2.605 | 2.622 | 2.650 0.6 | July 1, 2013 | s | | |

**December 2019 LETTING
PROCEDURE II SPECIFIC GRAVITIES**

| Producer | CMS ID Producer | Legal Description | Location | Products | Bulk Dry (Gsb) | Saturated Surf Dry | Percent Apparent | Percent Absorp | Date Modified or Verified | Chat or SSG | Latitude | Longitude |
|--------------------------------------|--------------------|-------------------|----------------------|----------------------------|-------------------|-----------------------|---------------------|-------------------|------------------------------|----------------|----------|-----------|
| Knop Concrete | 839501 | S06 T20S R11W | Barton County | | 2.587 | 2.603 | 2.630 | 0.6 | August 1, 2012 | S | | |
| Lafarge Corp | 600609 | S13 T50N R32W | Jackson Co. MO | Dust | 2.540 | 2.629 | 2.711 | 2.4 | September 1, 2011 | | 39.14949 | 94.40087 |
| 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 | 802451 | S11 T46N R31W | Cass Co. MO | | 2.539 | 2.598 | 2.699 | 2.3 | April 1, 2015 | | 38.81813 | 94.32591 |
| 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 | 808701 | S20 T02S R05E | Johnston Co., OK | Mansand | 2.627 | 2.645 | 2.675 | 0.7 | May 1, 2017 | | | |
| 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 (BFLS) | 807301 | S36 T50N R34W | Riverside, MO | Dust | 2.542 | 2.605 | 2.714 | 2.5 | July 1, 2008 | | | |
| 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 | | 37.59893 | 96.17162 |
| Martin Marietta (EVCK) | 802244 | S23 T28S R11E | Elk Co. | mansand | 2.450 | 2.549 | 2.719 | 4.0 | February 1, 2007 | | 37.59893 | 96.17162 |
| Martin Marietta (EVCK) | 802244 | S23 T28S R11E | Elk Co. | Screenings | 2.475 | 2.559 | 2.703 | 3.4 | July 1, 2010 | | 37.60303 | 96.16333 |
| Martin Marietta (EVCK) | 802458 | S35 T01N R12E | Pawnee Co. NE | | 2.443 | 2.542 | 2.712 | 4.1 | June 1, 2008 | | | |
| 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 | S | | |
| 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 (EVCK) | 843503 | S21 T15 R16E | Osage Co. | | 2.560 | 2.609 | 2.692 | 1.9 | July 1, 2017 | | | |
| Mid-States Materials (RKBK) | 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 (RKBK) | 843503 | S21 T15 R16E | Osage Co. | Mansand | 2.621 | 2.659 | 2.724 | 1.5 | August 1, 2015 | | | |
| Mid-States Materials (RKBK) | 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 | | 38.05424 | 95.48704 |
| 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 | | | |
| Midwest Concrete | 818601 | S31 T10S R08E | Riley Co. (Kaw Sand) | | 2.623 | 2.632 | 2.647 | 0.4 | July 1, 2010 | S | | |
| Midwest Minerals | 801710 | S18 T32S R14E | Montgomery Co. | | 2.518 | 2.590 | 2.713 | 2.9 | May 1, 2003 | | | |
| Midwest Minerals | 801713 | S13 T27S R16E | Wilson Co. | | 2.466 | 2.548 | 2.692 | 3.3 | May 1, 2003 | | | |
| Midwest Minerals | 801716 | S09 T30N R30W | Barton Co, MO | | 2.609 | 2.642 | 2.697 | 1.3 | December 1, 2002 | | | |
| Midwest Minerals (CPCK) | 801709 | S16 T32S R15E | Montgomery Co. | | 2.544 | 2.607 | 2.717 | 2.5 | September 1, 2009 | | 37.26709 | 95.76585 |
| Midwest Minerals (WNRS) | 801708 | S22 T31S R17E | Montgomery Co. | CS-2 | 2.473 | 2.564 | 2.720 | 3.7 | September 1, 2007 | | 37.33642 | 95.53547 |
| Midwest Minerals (WNRS) | 801708 | S22 T31S R17E | Montgomery Co. | Mansand | 2.570 | 2.627 | 2.726 | 2.3 | September 1, 2007 | | 37.33642 | 95.53547 |
| Midwest Minerals (WNRS) | 801708 | S22 T31S R17E | Montgomery Co. | CS-1A | 2.567 | 2.600 | 2.717 | 2.8 | November 1, 2007 | | 37.33642 | 95.53547 |
| Midwest Minerals (WNRS) | 801708 | S22 T31S R17E | Montgomery Co. | Chips, Screenings | 2.537 | 2.608 | 2.711 | 2.5 | October 1, 2011 | | 37.33560 | 95.53460 |
| Midwest Minerals (WNRS) | 801708 | S22 T31S R17E | Montgomery Co. | Chips, Scrngs, Mansand | 2.499 | 2.576 | 2.704 | 3.0 | March 1, 2015 | | 37.33814 | 95.53600 |
| Midwest Minerals (WNRS) | 801711 | S09 T29S R19E | Neosho Co. | Mansand (CS-2) | 2.491 | 2.577 | 2.724 | 3.4 | November 1, 2010 | | 37.53576 | 95.32940 |
| 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 | | 37.04469 | 95.52620 |
| Midwest Minerals (BKJG) | 801705 | S06 T35S R21E | Labette Co. | 1/2 Chips | 2.525 | 2.593 | 2.709 | 2.7 | April 1, 2013 | | 37.03218 | 95.15271 |
| Midwest Minerals (CPCK) | 801709 | S09 T32S R15E | Montgomery Co. | CS-1a | 2.563 | 2.625 | 2.733 | 2.4 | November 1, 2014 | | 37.26981 | 95.76734 |
| Midwest Minerals (STNR) | 801710 | S18 T32S R14E | Montgomery Co. | | 2.567 | 2.620 | 2.709 | 2.1 | April 1, 2014 | | 37.25991 | 95.91144 |
| Midwest Minerals (STNR) | 801722 | S27 T30S R15E | Wilson Co. | Mansand, screenings | 2.558 | 2.618 | 2.722 | 2.3 | June 1, 2015 | | 37.41245 | 95.74935 |
| Midwest Minerals (WRLD) | 801707 | S34 T34S R17E | Montgomery Co. | | 2.441 | 2.540 | 2.711 | 4.1 | April 1, 2014 | | 37.04494 | 95.52790 |

**December 2019 LETTING
PROCEDURE II SPECIFIC GRAVITIES**

| Producer | CMS ID Producer | Legal Description | Location | Products | Bulk Dry (Gsb) | Saturated Surf Dry | Percent Apparent | Percent Absorp | Date Modified or Verified | Chat or SSG | Latitude | Longitude |
|-------------------------------------|--------------------|-------------------|----------------|------------------------------|-------------------|-----------------------|---------------------|-------------------|------------------------------|----------------|----------|-----------|
| Midwest Minerals (WRLD) | 801719 | S12 T32S R19E | Labette Co. | Screenings | 2.515 | 2.590 | 2.719 | 3.0 | December 1, 2007 | | 37.27630 | 95.27959 |
| 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 | | 37.27997 | 95.28111 |
| 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 | Mansand | 2.564 | 2.634 | 2.753 | 2.8 | 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 | | | |
| Nelson Quarries (HRFD) | 800125 | S34 T19S R14E | Coffey Co. | Mansand, 3/16 Dirt | 2.521 | 2.596 | 2.727 | 3.0 | June 1, 2013 | | 38.35756 | 95.85007 |
| Nelson Quarries (HRFD) | 800125 | S34 T19S R14E | Coffey Co. | -1" | 2.507 | 2.594 | 2.747 | 3.5 | September 1, 2015 | | 38.35915 | 95.85081 |
| Nelson Quarries (LBRD) | 800124 | S17 T25S R24E | Bourbon Co. | | 2.533 | 2.571 | 2.668 | 2.3 | July 1, 2007 | | | |
| 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 | | 37.86800 | 94.78930 |
| Nelson Quarries (RYTN) | 800101 | S33 T24S R19E | Allen Co. | | 2.485 | 2.566 | 2.704 | 3.2 | November 1, 2014 | | 37.91222 | 95.32786 |
| Nelson Quarries (SPGH) | 805108 | S30 T21S R20E | Anderson Co. | Screenings | 2.515 | 2.584 | 2.699 | 2.7 | February 1, 2011 | | 38.18572 | 95.25097 |
| Nelson Quarries (TRNT) | 801924 | S26 T25S R13E | Woodson Co. | Mansand, - 1/2" | 2.531 | 2.607 | 2.739 | 3.0 | October 1, 2015 | | | |
| Penny's Conc. | 826802 | S26 T12S R20E | Douglas Co. | | 2.573 | 2.588 | 2.613 | 0.6 | September 1, 2014 | S | | |
| Penny's Conc. (CCK) | 800309 | S23 T16S R20E | Franklin Co. | | 2.499 | 2.580 | 2.715 | 3.2 | August 1, 2012 | | 38.64124 | 95.15901 |
| Penny's Conc. (SPGH) | 800309 | S23 T16S R20E | Franklin Co. | Dust | 2.475 | 2.567 | 2.726 | 3.7 | April 1, 2013 | | 38.64138 | 95.15871 |
| Penny's Conc. (STNR) | 800309 | S23 T16S R20E | Franklin Co. | | 2.463 | 2.547 | 2.690 | 3.4 | February 1, 2012 | | 38.64302 | 95.15793 |
| Popejoy Const., Inc. | 812809 | S03 T25S R36W | Kearny Co. | | 2.599 | 2.615 | 2.641 | 0.6 | December 1, 2004 | S | | |
| Prowers Aggregate Operators, LLC | 847901 | S28 T22S R46W | Prowers Co. CO | | 2.582 | 2.608 | 2.650 | 1.0 | November 1, 2014 | S | 38.10196 | 102.58315 |
| 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 | | |
| RBK Const. (Basalt) | 848701 | S07 T33S R50W | Baca Co. CO | | 2.780 | 2.860 | 2.955 | 2.2 | August 1, 2017 | | | |
| Seacat & Heft | 815801 | S04 T29S R17W | Kiowa Co. | | 2.594 | 2.611 | 2.640 | 0.7 | September 1, 2014 | S | | |
| Shawnee Rock (Argentine Ledge) | 803705 | S10 T14S R23E | Johnson Co. | | 2.552 | 2.614 | 2.720 | 2.4 | April 1, 2005 | | | |
| Shawnee Rock (ARGN Ledge) | 803705 | S10 T14S R23E | Johnson Co. | Dust | 2.555 | 2.621 | 2.744 | 2.6 | September 1, 2008 | | 38.85213 | 94.84732 |
| Shawnee Rock (Captains Creek Ledge) | 803705 | S10 T14S R23E | Johnson Co. | | 2.529 | 2.604 | 2.735 | 3.0 | June 1, 2003 | | | |
| Shawnee Rock (CCK Ledge) | 803705 | S10 T14S R23E | Johnson Co. | | 2.486 | 2.568 | 2.708 | 3.3 | November 1, 2006 | | 38.85113 | 94.84512 |
| Shawnee Rock (CCK Ledge) | 803705 | S10 T14S R23E | Johnson Co. | | 2.543 | 2.607 | 2.716 | 2.5 | October 1, 2009 | | 38.85159 | 94.84868 |
| Shawnee Rock (Farley Ledge) | 803705 | S10 T14S R23E | Johnson Co. | | 2.568 | 2.625 | 2.713 | 2.1 | September 1, 2007 | | 38.85158 | 94.84464 |
| Shawnee Rock (Springhill Ledge) | 803705 | S10 T14S R23E | Johnson Co. | Dust | 2.471 | 2.570 | 2.745 | 4.0 | May 1, 2007 | | 38.85145 | 94.84608 |
| Shawnee Rock (STNR Ledge) | 803705 | S10 T14S R23E | Johnson Co. | | 2.492 | 2.565 | 2.688 | 2.9 | July 1, 2006 | | 38.85153 | 94.84715 |
| Shawnee Rock (Stoner Ledge) | 803705 | S10 T14S R23E | Johnson Co. | | 2.488 | 2.568 | 2.704 | 3.2 | January 1, 2002 | | | |
| Stone Sand | 810201 | S32 T19S R13W | Barton Co. | | 2.603 | 2.612 | 2.627 | 0.3 | January 1, 2000 | S | | |
| Trap Rock And Granite | 845303 | S12 T34N R03E | Iron Co. MO | Mansand | 2.645 | 2.656 | 2.674 | 0.4 | December 1, 2016 | | | |
| Venture | 810120 | S15 T29S R15W | Pratt Co. | | 2.608 | 2.631 | 2.669 | 0.9 | April 1, 2012 | S | | |
| Versatile Construction | 848201 | S17 T35N R26W | Union Co. NM | | 2.797 | 2.587 | 2.975 | 2.1 | April 1, 2016 | | | |
| Wade Limestone | 805007 | S32 T19S R23E | Linn Co. | | 2.464 | 2.558 | 2.718 | 3.8 | December 1, 2002 | | | |
| Wade Limestone (BFLS) | 805009 | S20 T19S R25E | Linn Co. | | 2.477 | 2.581 | 2.767 | 4.2 | April 1, 2005 | | 38.37882 | 94.67535 |
| Wade Limestone (WNRS) | 805007 | S32 T19S R23E | Linn Co. | CS-1A | 2.550 | 2.610 | 2.715 | 2.4 | May 1, 2016 | | 38.35178 | 94.89546 |
| Wade Limestone (WNRS) | 805007 | S32 T19S R23E | Linn Co. | Screenings | 2.497 | 2.573 | 2.701 | 3.0 | May 1, 2016 | | 38.35178 | 94.89546 |
| 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 | | | |
| Whitaker | 800205 | S12 T34S R07E | Cowley Co. | | 2.558 | 2.612 | 2.705 | 2.1 | August 1, 2015 | | | |
| 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 | | 37.25346 | 96.53782 |
| Whitaker | 802444 | S21 T32S R08E | Cowley Co. | CS-2A | 2.538 | 2.593 | 2.687 | 2.2 | March 1, 2007 | | 37.25346 | 96.53782 |
| 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 | | | |

**December 2019 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> |
|----------------------------------|----------------------------|--------------------------|-----------------|---------------------|---------------------------|-------------------------------|-----------------------------|---------------------------|--------------------------------------|------------------------|-----------------|------------------|
| Whitaker | 802444 | S21 T32S R08E | Cowley Co. | CS-2 | 2.445 | 2.548 | 2.725 | 4.2 | June 1, 2015 | | | |
| 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 | | | |
| Whitaker | 847201 | S20 T32S R08E | Cowley Co. | | 2.506 | 2.573 | 2.686 | 2.6 | June 1, 2012 | | | |
| Whitaker (CPK/SP) | 800201 | S01 T20S R19E | Anderson Co. | mansand | 2.473 | 2.563 | 2.716 | 3.6 | September 1, 2012 | | 38.34611 | 95.25411 |
| Whitaker (Mound City) BFLS Ledge | 800208 | S19 T22S R24E | Linn Co. | Mansand, Screenings | 2.491 | 2.561 | 2.678 | 2.8 | October 1, 2013 | | 38.11569 | 94.81990 |
| Whitaker (SNBD/ST) | 800304 | S32 T21S R19E | Anderson Co. | Mansand | 2.551 | 2.605 | 2.696 | 2.1 | February 1, 2015 | | 38.17306 | 95.22595 |
| Ysidro Sand | 847401 | S25T29SR01E | Sedgwick County | | 2.599 | 2.613 | 2.636 | 0.6 | March 1, 2013 | S | | |