

**March 2019 LETTING  
PROCEDURE I SPECIFIC GRAVITIES**

| <u>Producer</u>              | <u>CMS ID</u><br><u>Producer</u> | <u>Legal Description</u> | <u>Location</u>       | <u>Products</u>   | <u>Bulk Dry</u><br><u>(Gsb)</u> | <u>Saturated</u><br><u>Surf Dry</u> | <u>Apparent</u> | <u>Percent</u><br><u>Absorb</u> | <u>Date Modified</u><br><u>or Verified</u> | <u>Chat or</u><br><u>SSG</u> | <u>Latitude</u> | <u>Longitude</u> |
|------------------------------|----------------------------------|--------------------------|-----------------------|-------------------|---------------------------------|-------------------------------------|-----------------|---------------------------------|--|------------------------------|-----------------|------------------|
| 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                             | January 1, 2019                            |                              |                 |                  |
| APAC-Shears                  | 801934                           | S21 T23S R05W            | Reno Co.              |                   | 2.560                           | 2.583                               | 2.633           | 0.9                             | June 1, 2018                               | s                            |                 |                  |
| APAC-Shears (HRFD)           | 801935                           | S02 T21S R13E            | Coffey Co.            |                   | 2.570                           | 2.626                               | 2.725           | 2.2                             | October 1, 2018                            |                              |                 |                  |
| Associated                   | 819905                           | S14 T26S R01W            | Sedgwick County       |                   | 2.554                           | 2.578                               | 2.618           | 1.0                             | October 1, 2018                            | s                            |                 |                  |
| Bayer Const Co.              | 802325                           | S05 T13S R05E            | Geary Co.             |                   | 2.535                           | 2.593                               | 2.692           | 2.3                             | October 1, 2017                            |                              |                 |                  |
| 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                             | December 1, 2017                           |                              |                 |                  |
| Beyer Crushed Rock Co (BFLS) | 806901                           | S26 T45N R33W            | Cass Co. MO           |                   | 2.559                           | 2.608                               | 2.690           | 1.9                             | May 1, 2018                                |                              |                 |                  |
| Bingham (Sooner Pile)        | 821812                           | S16 T29N R23E            | Ottawa Co. OK         |                   | 2.516                           | 2.568                               | 2.654           | 2.1                             | September 1, 2018                          | 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                             | December 1, 2018                           | s                            |                 |                  |
| Cornejo Mtls                 | 820105                           | S14 T31S R10E            | Elk Co.               | CS1A, CS1         | 2.482                           | 2.563                               | 2.700           | 3.2                             | November 1, 2017                           |                              |                 |                  |
| Cornejo Stone (EVCK)         | 801504                           | S13 T31S R10E            | Elk Co.               | 3/4"              | 2.511                           | 2.577                               | 2.689           | 2.7                             | December 1, 2018                           |                              | 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                             | May 1, 2018                                | s                            |                 |                  |
| Dolese                       | 809402                           | S32 T06N R15W            | Kiowa Co. OK          |                   | 2.706                           | 2.723                               | 2.753           | 0.6                             | December 1, 2018                           |                              | 34.94803        | 98.81396         |
| 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, 2018                              |                              |                 |                  |
| 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                             | January 1, 2019                            |                              |                 |                  |
| Hamm (EVCK)                  | 800977                           | S09 T11S R17E            | Jefferson Co.         |                   | 2.558                           | 2.622                               | 2.732           | 2.5                             | December 1, 2018                           |                              |                 |                  |
| Hamm (FRLY)                  | 803903                           | S16 T14S R23E            | Johnson Co.           | -3/4"             | 2.575                           | 2.631                               | 2.728           | 2.2                             | March 1, 2019                              |                              |                 |                  |
| Hamm (NEVA)                  | 800980                           | S11 T07S R10E            | Pottawatomie Co.      |                   | 2.453                           | 2.529                               | 2.654           | 3.1                             | October 1, 2018                            |                              |                 |                  |
| 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                             | October 1, 2018                            |                              |                 |                  |
| Hard Rock Sand               | 844501                           | S31 T26S R25W            | Ford Co.              |                   | 2.565                           | 2.605                               | 2.616           | 1.0                             | April 1, 2016                              | s                            |                 |                  |
| Harshman Const.              | 801517                           | S04 T30S R11E            | Elk Co.               | 3/4"              | 2.499                           | 2.574                               | 2.700           | 3.0                             | August 1, 2018                             |                              | 37.47226        | 96.21392         |
| 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, 2016                           | s                            | 38.64956        | 98.03405         |
| Huber                        | 812701                           | S21 T24S R32W            | Finney Co.            |                   | 2.560                           | 2.580                               | 2.620           | 1.0                             | February 1, 2019                           | s                            | 37.95444        | 100.84933        |
| Huber                        | 835801                           | S17 T24S R40W            | Hamilton Co.          |                   | 2.558                           | 2.580                               | 2.626           | 1.1                             | November 1, 2018                           | s                            |                 |                  |
| 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 Mrtin Trap Rock         | 823701                           | S30 T35N R04E            | St Francois Co MO     |                   | 2.596                           | 2.612                               | 2.639           | 0.6                             | February 1, 2019                           |                              |                 |                  |

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| Producer                         | CMS ID<br>Producer | Legal Description | Location         | Products        | Bulk Dry<br>(Gsb) | Saturated<br>Surf Dry | Apparent | Percent<br>Absorb | Date Modified<br>or Verified | Chat or<br>SSG | Latitude | Longitude |
|----------------------------------|--------------------|-------------------|------------------|-----------------|-------------------|-----------------------|----------|-------------------|------------------------------|----------------|----------|-----------|
| 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              |          |           |
| Kinsley Redi Mix                 | 835101             | S35 T24S R19W     | Edwards Co.      |                 | 2.548             | 2.581                 | 2.633    | 1.3               | September 1, 2014            | s              |          |           |
| Klotz                            | 812605             | S31 T24S R31W     | Finney Co.       |                 | 2.556             | 2.584                 | 2.629    | 1.1               | July 1, 2018                 | s              |          |           |
| Klotz                            | 812607             | S02 T25S R36W     | Kearny Co.       |                 | 2.568             | 2.590                 | 2.627    | 0.9               | May 1, 2018                  | s              |          |           |
| Klotz                            | 812809             | S03 T25S R36W     | Kearny Co.       |                 | 2.575             | 2.599                 | 2.638    | 0.9               | May 1, 2014                  | 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, 2014            | 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                  | 833901             | S07 T13N R69W     | Laramie Co., Wy  |                 | 2.768             | 2.777                 | 2.793    | 0.3               | June 1, 2017                 |                |          |           |
| Martin Marietta (BFLS)           | 802451             | S11 T46N R31W     | Cass Co. MO      |                 | 2.597             | 2.641                 | 2.714    | 1.7               | January 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               | March 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 (UFRLY)          | 800319             | S04 T13S R22E     | Johnston Co.     | -3/4"           | 2.520             | 2.587                 | 2.699    | 2.6               | October 1, 2018              |                |          |           |
| 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)      | 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   | -1"             | 2.541             | 2.602                 | 2.707    | 2.4               | November 1, 2018             |                |          |           |
| 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, 2018              |                |          |           |
| Mid-States Sand                  | 843902             | S33 T25S R01W     | Sedgwick Co.     |                 | 2.562             | 2.583                 | 2.617    | 0.8               | September 1, 2018            | 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, 2018               |                | 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 (STNR)          | 801710             | S18 T32S R14E     | Montgomery Co.   |                 | 2.638             | 2.670                 | 2.725    | 1.2               | November 1, 2017             |                | 37.25991 | 95.91144  |
| Midwest Minerals (STNR)          | 801722             | S27 T30S R15E     | Wilson Co.       | -1", 1/2" chips | 2.605             | 2.643                 | 2.706    | 1.5               | June 1, 2018                 |                | 37.41245 | 95.74935  |
| 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  |
| 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               | August 1, 2018               | 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              |          |           |
| Seacat & Heft                    | 815801             | S04 T29S R17W     | Kiowa Co.        |                 | 2.529             | 2.570                 | 2.637    | 1.6               | September 1, 2014            | s              |          |           |
| Stone Sand                       | 810401             | S33 T19S R12W     | Barton Co.       |                 | 2.566             | 2.591                 | 2.631    | 1.0               | May 1, 2018                  | s              |          |           |
| Trap Rock And Granite            | 845303             | S12 T34N R03E     | Iron Co. MO      | -3/4"           | 2.680             | 2.684                 | 2.691    | 0.2               | November 1, 2017             |                |          |           |
| Venture Dundee Sand              | 810112             | S16 T20S R14W     | Barton Co.       |                 | 2.562             | 2.597                 | 2.633    | 0.9               | July 1, 2018                 | s              |          |           |
| Whitaker                         | 847201             | S20 T32S R08E     | Cowley Co.       | -1/2            | 2.478             | 2.556                 | 2.689    | 3.2               | July 1, 2017                 |                |          |           |
| Whitaker                         | 847201             | S20 T32S R08E     | Cowley Co.       | -3/4            | 2.531             | 2.588                 | 2.685    | 2.3               | November 1, 2017             |                |          |           |
| Whitaker                         | 800205             | S12 T34S R07E     | Cowley Co.       | 1/2", 3/4"      | 2.540             | 2.595                 | 2.688    | 2.2               | October 1, 2017              |                |          |           |

### 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 |
| 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 |

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| Producer                             | CMS ID<br>Producer | Legal Description | Location             | Products      | Bulk Dry<br>(Gsb) | Saturated<br>Surf Dry | Percent<br>Apparent<br>Absorp | Date Modified<br>or Verified | Chat or<br>SSG    | Latitude | Longitude |          |
|--------------------------------------|--------------------|-------------------|----------------------|---------------|-------------------|-----------------------|-------------------------------|------------------------------|-------------------|----------|-----------|----------|
| 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                 | 2.697                         | 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 (CPCK)                   | 803903             | S16 T14S R23E     | Johnson Co.          |               | 2.575             | 2.627                 | 2.717                         | 2.0                          | October 1, 2014   |          | 38.83518  | 94.86701 |
| 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 Kansas (STNR)                   | 803903             | S16 T14S R23E     | Johnson Co.          |               | 2.570             | 2.621                 | 2.704                         | 2.0                          | October 1, 2015   |          | 38.83191  | 94.86777 |
| 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                          | Various            | S23 T12S R08W     | Lincoln              |               | 2.598             | 2.626                 | 2.673                         | 1.1                          | August 1, 2002    |          |           |          |
| APAC-Shears                          |                    | (Various)         | Lincoln              |               | 2.615             | 2.642                 | 2.681                         | 0.9                          | April 1, 2000     | S        |           |          |
| 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      |          |           |          |

**March 2019 LETTING  
PROCEDURE I SPECIFIC GRAVITIES**

| <u>Producer</u>              | <u>CMS ID</u><br><u>Producer</u> | <u>Legal Description</u> | <u>Location</u>         | <u>Products</u>   | <u>Bulk Dry</u><br><u>(Gsb)</u> | <u>Saturated</u><br><u>Surf Dry</u> | <u>Apparent</u> | <u>Percent</u><br><u>Absorb</u> | <u>Date Modified</u><br><u>or Verified</u> | <u>Chat or</u><br><u>SSG</u> | <u>Latitude</u> | <u>Longitude</u> |
|------------------------------|----------------------------------|--------------------------|-------------------------|-------------------|---------------------------------|-------------------------------------|-----------------|---------------------------------|--|------------------------------|-----------------|------------------|
| 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         |
| Bayer Const Co.              | 801830                           | S08 T13S R05E            | Geary Co.               |                   | 2.546                           | 2.611                               | 2.715           | 2.4                             | November 1, 2015                           |                              |                 |                  |
| 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                            |                 |                  |
| Bingham (Lawyer Pile)        | 821816                           | S28 T29N R23E            | Ottawa Co. OK           |                   | 2.543                           | 2.582                               | 2.661           | 1.6                             | January 1, 2017                            | c                            | 36.96795        | 94.82484         |
| 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                            |                 |                  |
| 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                           |                              |                 |                  |

## March 2019 LETTING PROCEDURE I SPECIFIC GRAVITIES

| Producer                                  | CMS ID<br>Producer | Legal Description  | Location          | Products    | Bulk Dry<br>(Gsb) | Saturated<br>Surf Dry | Apparent | Percent<br>Absorb | Date Modified<br>or Verified | Chat or<br>SSG | Latitude | Longitude |
|---|--------------------|--------------------|-------------------|-------------|-------------------|-----------------------|----------|-------------------|------------------------------|----------------|----------|-----------|
| Hamm (STNR)                               | 800907             | S15 T13S R21E      | Eudora-Douglas Co |             | 2.588             | 2.639                 | 2.728    | 2.0               | June 1, 2014                 |                | 38.91467 | 95.06402  |
| 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 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               |                |          |           |
| Hunt Midwest                              | 800312             | S18 T17S R23E      | Miami Co.         | CS-1, CS-1A | 2.562             | 2.620                 | 2.718    | 2.2               | September 1, 2003            |                |          |           |
| Hunt Midwest                              | 800205             | S12 T34S R07E      | Cowley Co.        |             | 2.467             | 2.551                 | 2.695    | 3.4               | January 1, 2005              |                |          |           |
| Hunt Midwest (Neva)                       | 800205             | S12 T34S R07E      | Cowley Co.        |             | 2.521             | 2.581                 | 2.680    | 2.3               | December 1, 2004             |                |          |           |
| Hunt-Martin (BFLS)                        | 807301             | S36 T50N R34W      | Riverside, MO     | -3/4"       | 2.577             | 2.626                 | 2.712    | 2.0               | November 1, 2015             |                |          |           |
| Hunt-Martin Materials                     | 800201             | S01 T20S R19E      | Anderson Co.      |             | 2.529             | 2.593                 | 2.703    | 2.5               | March 1, 2002                |                |          |           |
| Hunt-Martin Materials                     | 800316             | S14 T15S R18E      | Douglas Co.       |             | 2.495             | 2.569                 | 2.696    | 3.0               | October 1, 2002              |                |          |           |
| Hunt-Martin Materials (BFLS)              | 802435             | S07 T45N R32W      | Peculiar, MO      | -1"         | 2.570             | 2.626                 | 2.722    | 2.2               | August 1, 2008               |                |          |           |
| Hunt-Martin Materials (CPCK)              | 800310             | S13 T16S R19E      | Franklin Co.      | 1/2"        | 2.513             | 2.585                 | 2.712    | 2.9               | June 1, 2010                 |                |          |           |
| Hunt-Martin Materials (CPCK)              | 800310             | S13 T16S R19E      | Franklin Co.      | -1"         | 2.497             | 2.582                 | 2.731    | 3.4               | July 1, 2010                 |                | 38.65591 | 95.25500  |
| Hunt-Martin Materials (CPCK)              | 800310             | S13 T16S R19E      | Franklin Co.      | -3/4" +4    | 2.513             | 2.585                 | 2.712    | 2.9               | December 1, 2013             |                | 38.65633 | 95.25275  |
| Hunt-Martin Materials (CPCK)              | 802447             | S13 T16S R19E      | Franklin Co.      | 3/4"        | 2.540             | 2.604                 | 2.714    | 2.5               | February 1, 2005             |                |          |           |
| Hunt-Martin Materials (CPCK)              | 802447             | S13 T16S R19E      | Franklin Co.      | 1/2"        | 2.502             | 2.580                 | 2.713    | 3.1               | February 1, 2005             |                |          |           |
| Hunt-Martin Materials (Ervine Creek)      | 802433             | S23 T12S R17E      | Douglas Co.       |             | 2.465             | 2.555                 | 2.716    | 3.7               | September 1, 2002            |                |          |           |
| Hunt-Martin Materials (Ervine Creek)      | 802437             | S22 T12S R17E      | Shawnee Co.       |             | 2.460             | 2.555                 | 2.717    | 3.8               | May 1, 2002                  |                |          |           |
| Hunt-Martin Materials (IFRLY)             | 803501             | S9 T13S R22E       | Johnson Co. KS    |             | 2.534             | 2.594                 | 2.696    | 2.4               | September 1, 2012            |                | 38.93860 | 94.97308  |
| Hunt-Martin Materials (Ozawkie Formation) | 802433             | S23 T12S R17E      | Douglas Co.       | 3/4"x5/16"  | 2.533             | 2.618                 | 2.768    | 3.4               | December 1, 2004             |                | 38.65554 | 95.25336  |
| Hunt-Martin Materials (SNBD)              | 800310             | S13 T16S R19E      | Franklin Co.      | -3/4"       | 2.629             | 2.666                 | 2.753    | 1.5               | December 1, 2006             |                | 38.65591 | 95.25500  |
| Hunt-Martin Materials (SPGH)              | 800310             | S13 T16S R19E      | Franklin Co.      | -3/4"       | 2.515             | 2.586                 | 2.707    | 2.8               | September 1, 2010            |                | 38.81273 | 94.31907  |
| Hunt-Martin Materials (STNR)              | 800310             | S13 T16S R19E      | Franklin Co.      | -3/4", -1"  | 2.497             | 2.576                 | 2.714    | 3.2               | June 1, 2015                 |                | 38.65706 | 95.25661  |
| Hunt-Martin Materials (UFRLY)             | 803501             | S9 T13S R22E       | Johnson Co. KS    |             | 2.532             | 2.598                 | 2.711    | 2.6               | January 1, 2014              |                | 38.94312 | 94.97285  |
| Hunt-Martin (PKA Martin Marietta) (BFLS)  | 802451             | S11 T46N R31W      | Greenwood, MO     | -1", -3/4"  | 2.580             | 2.630                 | 2.715    | 1.9               | July 1, 2011                 |                |          |           |
| Hunt-Midwest                              | 803503             | S10 T50N R32W      | Randolph, MO      | -3/4"       | 2.626             | 2.654                 | 2.700    | 1.1               | July 1, 2011                 |                |          |           |
| 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                 |                | 38.84438 | 94.86339  |
| 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  |

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| <u>Producer</u>                | <u>CMS ID</u><br><u>Producer</u> | <u>Legal Description</u> | <u>Location</u>  | <u>Products</u>            | <u>Bulk Dry</u><br><u>(Gsb)</u> | <u>Saturated</u><br><u>Surf Dry</u> | <u>Apparent</u> | <u>Percent</u><br><u>Absorp</u> | <u>Date Modified</u><br><u>or Verified</u> | <u>Chat or</u><br><u>SSG</u> | <u>Latitude</u> | <u>Longitude</u> |
|--------------------------------|----------------------------------|--------------------------|------------------|----------------------------|---------------------------------|-------------------------------------|-----------------|---------------------------------|--|------------------------------|-----------------|------------------|
| 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         |
| 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                           |                              |                 |                  |
| 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          | CS-1-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                                |                              |                 |                  |
| 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                           | 2.566                               | 2.698           | 3.4                             | June 1, 2015                               |                              |                 |                  |
| Martin Marietta                | 806001                           | S16 T18S R16E            | Melvern          |                            | 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                | 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)    | 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 (OZWK)    | 843507                           | S26 T12S R17E            | Douglas Co.      |                            | 2.536                           | 2.605                               | 2.724           | 2.7                             | November 1, 2016                           |                              |                 |                  |

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| <u>Producer</u>                      | <u>CMS ID</u><br><u>Producer</u> | <u>Legal Description</u> | <u>Location</u>    | <u>Products</u>     | <u>Bulk Dry</u><br><u>(Gsb)</u> | <u>Saturated</u><br><u>Surf Dry</u> | <u>Apparent</u> | <u>Percent</u><br><u>Absorb</u> | <u>Date Modified</u><br><u>or Verified</u> | <u>Chat or</u><br><u>SSG</u> | <u>Latitude</u> | <u>Longitude</u> |
|--------------------------------------|----------------------------------|--------------------------|--------------------|---------------------|---------------------------------|-------------------------------------|-----------------|---------------------------------|--|------------------------------|-----------------|------------------|
| 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 BLMG) | 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                     | 801703                           | S31 T27S R24E            | Crawford Co.       |                     | 2.507                           | 2.577                               | 2.695           | 2.6                             | June 1, 2002                               |                              |                 |                  |
| 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, 2013                                |                              |                 |                  |
| 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 (WRLD)              | 801707                           | S34 T34S R17E            | Montgomery Co.     |                     | 2.437                           | 2.534                               | 2.698           | 4.0                             | July 1, 2014                               |                              | 37.04494        | 95.52790         |
| 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                           |                              |                 |                  |
| 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                                |                              |                 |                  |

**March 2019 LETTING  
PROCEDURE I SPECIFIC GRAVITIES**

| <u>Producer</u>                     | <u>CMS ID</u><br><u>Producer</u> | <u>Legal Description</u> | <u>Location</u>  | <u>Products</u>      | <u>Bulk Dry</u><br><u>(Gsb)</u> | <u>Saturated</u><br><u>Surf Dry</u> | <u>Percent</u><br><u>Absorp</u> | <u>Date Modified</u><br><u>or Verified</u> | <u>Chat or</u><br><u>SSG</u> | <u>Latitude</u> | <u>Longitude</u>  |
|-------------------------------------|----------------------------------|--------------------------|------------------|----------------------|---------------------------------|-------------------------------------|---------------------------------|--|------------------------------|-----------------|-------------------|
| 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 (CPCCK 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               |                   |
| 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                 |                 |                   |
| 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 (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               |                   |



**March 2019 LETTING  
PROCEDURE II SPECIFIC GRAVITIES**

| <u>Producer</u>              | <u>CMS ID<br/>Producer</u> | <u>Legal Description</u> | <u>Location</u>     | <u>Products</u>          | <u>Bulk Dry<br/>(Gsb)</u> | <u>Saturated<br/>Surf Dry</u> | <u>Apparent</u> | <u>Percent<br/>Absorb</u> | <u>Date Modified<br/>or Verified</u> | <u>Chat or<br/>SSG</u> | <u>Latitude</u> | <u>Longitude</u> |
|------------------------------|----------------------------|--------------------------|---------------------|--------------------------|---------------------------|-------------------------------|-----------------|---------------------------|--------------------------------------|------------------------|-----------------|------------------|
| 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-Shears                  | 801934                     | S21 T23S R05W            | Reno Co.            |                          | 2.597                     | 2.609                         | 2.621           | 0.4                       | June 1, 2018                         | S                      |                 |                  |
| APAC-Shears                  | 831401                     | S35 T27S R01W            | Sedgwick County     |                          | 2.604                     | 2.618                         | 2.639           | 0.5                       | November 1, 2014                     | S                      |                 |                  |
| APAC-Shears (HRFD)           | 801935                     | S02 T21S R13E            | Coffey Co.          |                          | 2.576                     | 2.631                         | 2.726           | 2.1                       | July 1, 2017                         |                        |                 |                  |
| 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                      |                        |                 |                  |
| Beyer Crushed Rock Co (BFLS) | 806901                     | S26 T45N R33W            | Cass Co. MO         |                          | 2.571                     | 2.619                         | 2.701           | 1.9                       | May 1, 2018                          |                        |                 |                  |
| 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       |                          | 2.546                     | 2.587                         | 2.652           | 1.6                       | August 1, 2018                       | C                      | 36.96795        | 94.82484         |
| Bingham (Sooner Pile)        | 821812                     | S16 T29N R23E            | Ottawa Co. OK       |                          | 2.521                     | 2.576                         | 2.668           | 2.2                       | September 1, 2018                    | 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              | 820603                     | S23 T11S R16E            | Shawnee Co.         | SSG                      | 2.608                     | 2.621                         | 2.648           | 0.6                       | July 1, 2014                         | 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                       | July 1, 2018                         | S                      |                 |                  |
| Cornejo & Sons               | 838202                     | S06 T32S R03E            | Cowley Co.          |                          | 2.596                     | 2.610                         | 2.633           | 0.6                       | December 1, 2017                     | S                      |                 |                  |
| Cornejo Mtls                 | 820103                     | S23 T26S R01W            | Sedgwick Co.        | SSG                      | 2.603                     | 2.614                         | 2.630           | 0.4                       | December 1, 2018                     | S                      |                 |                  |
| Cornejo Mtls                 | 820104                     | S34 T28S R01W            | Sedgwick Co.        | SSG                      | 2.614                     | 2.623                         | 2.638           | 0.4                       | August 1, 2014                       | 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                       | May 1, 2018                          | 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         |
| Granite Mountain             | 838701                     | S26 T01N R12W            | Pulaski Co., AR     |                          | 2.604                     | 2.615                         | 2.633           | 0.4                       | April 17, 2017                       |                        |                 |                  |
| 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 (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 (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.         |                          | 2.568                     | 2.625                         | 2.724           | 2.2                       | April 17, 2017                       |                        |                 |                  |
| Hard Rock Sand               | 844501                     | S31 T26S R25W            | Ford Co.            |                          | 2.617                     | 2.661                         | 2.655           | 0.8                       | April 1, 2016                        | S                      |                 |                  |
| Hartford S&G                 | 824802                     | S30T10SR08E              | Riley Co.           | SSG                      | 2.594                     | 2.606                         | 2.624           | 0.4                       | August 1, 2018                       | S                      |                 |                  |
| Hi-Plains Sand               | CC130704                   | S19 T16S R06W            | Ellsworth Co.       |                          | 2.628                     | 2.642                         | 2.655           | 1.1                       | December 1, 2016                     | 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                | 815412                     | S32 T11S R23E            | Wyandotte Co.       | SSG                      | 2.587                     | 2.603                         | 2.628           | 0.7                       | July 1, 2014                         | S                      |                 |                  |
| Holliday Sand Mo. River      | 815404                     | S9 T50N R33W             | Riverside, Missouri | SSG                      | 2.606                     | 2.621                         | 2.646           | 0.6                       | May 1, 2018                          | S                      |                 |                  |
| Holliday Sand Mo. River      | 815406                     | S20 T57N R35W            | Buchanan Co. MO     | SSG                      | 2.604                     | 2.615                         | 2.634           | 0.5                       | August 1, 2018                       | S                      |                 |                  |

**March 2019 LETTING  
PROCEDURE II SPECIFIC GRAVITIES**

| Producer                         | CMS ID<br>Producer | Legal Description | Location           | Products   | Bulk Dry<br>(Gsb) | Saturated<br>Surf Dry | Apparent | Percent<br>Absorb | Date Modified<br>or Verified | Chat or<br>SSG | Latitude | Longitude |
|----------------------------------|--------------------|-------------------|--------------------|------------|-------------------|-----------------------|----------|-------------------|------------------------------|----------------|----------|-----------|
| Holliday 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               |                |          |           |
| 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     | 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              |          |           |
| Kinsley Redi Mix                 | 835101             | S35 T24S R19W     | Edwards Co.        |            | 2.584             | 2.612                 | 2.657    | 1.0               | September 1, 2014            | 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               | February 1, 2016             | S              |          |           |
| Klotz                            | 814202             | S18 T24S R40W     | Hamilton Co.       |            | 2.586             | 2.604                 | 2.648    | 0.7               | December 1, 2017             | S              |          |           |
| 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 (COCA)           | 800318             | S03 T50N R32W     | Clay Co MO         | Mansand    | 2.629             | 2.661                 | 2.716    | 1.2               | March 1, 2018                |                |          |           |
| Martin Marietta (LFRLY)          | 800319             | S04 T13S R22E     | Johnston Co.       | Mansand    | 2.547             | 2.612                 | 2.730    | 2.6               | November 1, 2018             |                |          |           |
| Martin Marietta (UFRLY)          | 800319             | S04 T13S R22E     | Johnston Co.       | Mansand    | 2.529             | 2.602                 | 2.728    | 2.9               | January 1, 2018              |                |          |           |
| Mid-States Materials (EVCK)      | 843503             | S21 T15 R16E      | Osage Co.          |            | 2.560             | 2.609                 | 2.692    | 1.9               | July 17, 2017                |                |          |           |
| 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 Sand                  | 843902             | S33 T25S R01W     | Sedgwick Co.       |            | 2.605             | 2.618                 | 2.640    | 0.5               | September 1, 2018            | S              |          |           |
| Midwest Concrete                 | 817102             | S16 T10S R10E     | Wabaunsee Co.      |            | 2.607             | 2.620                 | 2.644    | 0.5               | March 1, 2015                | 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               | April 1, 2015                | S              |          |           |
| Midwest Concrete                 | 818604             | S30 T10S R08E     | Riley Co.          |            | 2.601             | 2.620                 | 2.645    | 0.6               | March 1, 2015                | S              |          |           |
| Midwest Materials                | 806302             | S07 T03S R05E     | Washington Co.     |            | 2.600             | 2.614                 | 2.638    | 0.6               | August 1, 2015               | 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 (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               | November 1, 2018             | S              |          |           |
| Penny's Conc.                    | 826802             | S26 T12S R20E     | Douglas Co.        |            | 2.573             | 2.588                 | 2.613    | 0.6               | September 1, 2014            | 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 |
| Raymond Sand                     | 818201             | S28 T20S R10W     | Rice Co.           |            | 2.589             | 2.604                 | 2.627    | 0.6               | January 1, 2016              | S              |          |           |
| RBK Const. (Basalt)              | 848701             | S07 T33S R50W     | Baca Co. CO        |            | 2.780             | 2.860                 | 2.955    | 2.2               | August 1, 2017               |                |          |           |
| Sahara River                     | 811703             | S24 T12S R22E     | Leavenworth Co.    |            | 2.613             | 2.605                 | 2.624    | 0.5               | February 1, 2019             | S              |          |           |
| Seacat & Heft                    | 815801             | S04 T29S R17W     | Kiowa Co.          |            | 2.594             | 2.611                 | 2.640    | 0.7               | September 1, 2014            | S              |          |           |
| Stone Sand                       | 810401             | S33 T19S R12W     | Barton Co.         |            | 2.586             | 2.605                 | 2.636    | 0.8               | May 1, 2018                  | S              |          |           |
| Venture Dundee Sand              | 810112             | S16 T20S R14W     | Barton Co.         |            | 2.592             | 2.607                 | 2.633    | 0.6               | July 1, 2018                 | S              |          |           |
| Whitaker                         | 847201             | S20 T32S R08E     | Cowley Co.         |            | 2.490             | 2.573                 | 2.715    | 3.4               | July 1, 2017                 |                |          |           |
| Whitaker (RDEG)                  | 800205             | S12 T34S R07E     | Cowley Co.         |            | 2.542             | 2.600                 | 2.698    | 2.3               | February 1, 2019             |                |          |           |

## March 2019 LETTING PROCEDURE II SPECIFIC GRAVITIES

| <u>Producer</u>   | <u>CMS ID</u><br><u>Producer</u> | <u>Legal Description</u> | <u>Location</u>      | <u>Products</u>     | <u>Bulk Dry</u><br><u>(Gsb)</u> | <u>Saturated</u><br><u>Surf Dry</u> | <u>Apparent</u> | <u>Percent</u><br><u>Absorp</u> | <u>Date Modified</u><br><u>or Verified</u> | <u>Chat or</u><br><u>SSG</u> | <u>Latitude</u> | <u>Longitude</u> |
|---|----------------------------------|--------------------------|----------------------|---------------------|---------------------------------|-------------------------------------|-----------------|---------------------------------|--|------------------------------|-----------------|------------------|
| <b>Deleted Values</b>   |                                  |                          |                      |                     |                                 |                                     |                 |                                 |  |                              |                 |                  |
| 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           |                     | 2.620                           | 2.633                               | 2.652           | 0.5                             | October 1, 2008                            | S                            | 38.76984        | 98.86696         |
| Alsop   | 811101                           | S02 T08S R02E            | Clay Co.             |                     | 2.590                           | 2.610                               | 2.635           | 0.7                             | October 15, 2004                           | S                            |                 |                  |
| Alsop   | 811102                           | S26 T05S R03W            | Cloud Co.            |                     | 2.585                           | 2.608                               | 2.645           | 0.9                             | October 15, 2004                           | S                            |                 |                  |
| Alsop   | 811103                           | S05 T04S R04W            | Republic Co.         |                     | 2.613                           | 2.610                               | 2.630           | 0.6                             | June 1, 2007                               | S                            | 39.73481        | 97.78781         |
| Alsop   | 811107                           | S27 T13S R01E            | Dickinson Co.        |                     | 2.600                           | 2.620                               | 2.660           | 0.7                             | April 1, 2007                              | S                            |                 |                  |
| Alsop   | 811108                           | S31 T14S R02W            | Saline Co.           |                     | 2.626                           | 2.639                               | 2.661           | 0.5                             | August 1, 2006                             | S                            |                 |                  |
| Alsop   | 811109                           | S4 T02N R02W             | Hebron, NE           |                     | 2.601                           | 2.615                               | 2.637           | 0.5                             | August 1, 2002                             | S                            |                 |                  |
| Alsop   | 811110                           | S16 T07S R13W            | Osborne Co.          |                     | 2.614                           | 2.630                               | 2.656           | 0.6                             | January 1, 2003                            | S                            |                 |                  |
| Alsop   | 811111                           | S16 T20S R01E            | Marion Co.           |                     | 2.592                           | 2.616                               | 2.656           | 0.9                             | July 1, 2005                               | S                            |                 |                  |
| Alsop   | 811112                           | S30 T13S R02W            | Saline Co.           |                     | 2.611                           | 2.627                               | 2.654           | 0.6                             | November 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 (ARGN)   | 804007                           | S12 T16S R24E            | Miami Co             | MNSND               | 2.572                           | 2.627                               | 2.720           | 2.1                             | March 1, 2009                              |                              | 38.67299        | 94.69581         |
| APAC (ARGN)   | 804007                           | S12 T16S R24E            | Miami Co             | Dust                | 2.477                           | 2.551                               | 2.675           | 3.0                             | May 1, 2009                                |                              | 38.67333        | 94.69672         |
| 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             | Mansand             | 2.608                           | 2.647                               | 2.715           | 1.5                             | 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 (FRLY, Class 1 for UTB Overlay)  | 804007                           | S12 T16S R24E            | Miami Co             | MNSND               | 2.577                           | 2.629                               | 2.720           | 2.0                             | January 1, 2009                            |                              | 38.67387        | 91.69463         |
| APAC (FRLYARG)  | 804008                           | S07 T16S R25E            | Miami Co             | Mansand, Dust       | 2.502                           | 2.581                               | 2.715           | 3.1                             | August 1, 2010                             |                              |                 |                  |
| APAC (FRLYARG)  | 804008                           | S07 T16S R25E            | Miami Co             | Dust, Mansand       | 2.449                           | 2.541                               | 2.698           | 3.8                             | August 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   | 808323                           | S10 T15S R14W            | Russel Co.           |                     | 2.625                           | 2.631                               | 2.641           | 0.2                             | May 1, 2002                                | S                            |                 |                  |
| APAC Hays   | 811602                           | S29 T15S R18W            | Ellis Co.            |                     | 2.593                           | 2.627                               | 2.645           | 0.8                             | July 1, 2006                               | S                            |                 |                  |
| APAC Hays   | 811603                           | S25 T15S R19W            | Ellis Co. Kraus Pit  |                     | 2.584                           | 2.620                               | 2.680           | 1.4                             | October 1, 2009                            | S                            |                 |                  |
| APAC Hays   | 811604                           | S25 T15S R19W            | Ellis Co. Bieker Pit |                     | 2.620                           | 2.636                               | 2.646           | 0.3                             | October 15, 2004                           | S                            |                 |                  |
| APAC Hays   | 811613                           | S27 T10S R28W            | Sheridan Co.         |                     | 2.546                           | 2.598                               | 2.625           | 0.5                             | October 15, 2004                           | S                            |                 |                  |
| APAC Hays   | 811614                           | S17 T7S R39W             | Sherman Co.          |                     | 2.570                           | 2.597                               | 2.633           | 0.8                             | October 15, 2004                           | S                            |                 |                  |
| APAC Hays   | 811615                           | S34 T10S R32W            | Thomas Co.           |                     | 2.624                           | 2.632                               | 2.645           | 1.4                             | October 15, 2004                           | S                            |                 |                  |
| APAC Hays   | 811620                           | S31 T14S R23W            | Trego Co.            |                     | 2.614                           | 2.631                               | 2.657           | 0.6                             | 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 Hays   | 811630                           | S36 T14S R24W            | Trego Co.            |                     | 2.614                           | 2.631                               | 2.657           | 0.6                             | October 15, 2004                           | S                            |                 |                  |
| APAC Kansas   | 801904                           | S03 T 21S R13E           | Lyon Co.             |                     | 2.524                           | 2.598                               | 2.727           | 2.9                             | June 1, 2007                               |                              |                 |                  |
| APAC Kansas   | 804009                           | S 03 T21S R13E           | Lyon Co.             |                     | 2.507                           | 2.581                               | 2.709           | 3.0                             | May 1, 2011                                |                              |                 |                  |
| 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 (CPCK)  | 803903                           | S16 T14S R23E            | Johnson Co.          | -5/16", dust        | 2.560                           | 2.619                               | 2.734           | 2.6                             | July 1, 2012                               |                              | 38.83531        | 94.86701         |
| 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 Kansas (STNR)  | 803903                           | S16 T14S R23E            | Johnson Co.          |                     | 2.555                           | 2.620                               | 2.731           | 2.5                             | August 1, 2010                             |                              |                 |                  |
| APAC Kansas (STNR)  | 803903                           | S16 T14S R23E            | Johnson Co.          |                     | 2.522                           | 2.605                               | 2.754           | 3.3                             | September 1, 2014                          |                              | 38.83264        | 94.86893         |
| APAC Reno   | 804007                           | S12 T16S R24E            | Miami Co. KS         | CS-2                | 2.515                           | 2.594                               | 2.715           | 2.8                             | January 1, 2002                            |                              |                 |                  |

**March 2019 LETTING  
PROCEDURE II SPECIFIC GRAVITIES**

| Producer                      | CMS ID<br>Producer | Legal Description | Location         | Products                       | Bulk Dry<br>(Gsb) | Saturated<br>Surf Dry | Apparent | Percent<br>Absorb | Date Modified<br>or Verified | Chat or<br>SSG | Latitude | Longitude |
|-------------------------------|--------------------|-------------------|------------------|--------------------------------|-------------------|-----------------------|----------|-------------------|------------------------------|----------------|----------|-----------|
| APAC Reno                     | 836301             | S27 T22S R24E     | Linn Co.         | Mansand                        | 2.503             | 2.569                 | 2.681    | 2.7               | December 1, 2003             |                |          |           |
| APAC Reno (ARGN)              | 804002             | S24 T14S R24E     | Johnson Co. KS   |                                | 2.561             | 2.618                 | 2.714    | 2.2               | June 1, 2007                 |                | 38.82150 | 94.69010  |
| APAC Reno (FRLY)              | 804007             | S12 T16S R24E     | Miami Co. KS     | -1/2, 3/4, mansand, screenings | 2.463             | 2.553                 | 2.708    | 3.7               | August 1, 2005               |                | 38.67412 | 94.69887  |
| APAC Shears                   | 801916             | S14 T23S R05W     | Reno Co.         |                                | 2.589             | 2.600                 | 2.620    | 0.4               | December 1, 2004             | S              |          |           |
| APAC-Allied                   | 841703             | S34 T15S R18W     | Ellis Co.        |                                | 2.622             | 2.631                 | 2.646    | 0.4               | December 1, 2005             | S              | 38.69783 | 99.30538  |
| APAC-Shears                   | 801925             | S11 T28S R12E     | Greenwood Co.    |                                | 2.563             | 2.629                 | 2.745    | 2.6               | May 1, 2008                  |                |          |           |
| APAC-Shears                   | 801927             | S03 T21S R13E     | Hartford         |                                | 2.518             | 2.583                 | 2.720    | 2.8               | February 1, 2001             |                |          |           |
| APAC-Shears                   | 831401             | S35 T27S R01W     | Sedgewick Co.    |                                | 2.595             | 2.614                 | 2.644    | 0.7               | September 1, 2003            | S              |          |           |
| APAC-Shears                   | Various            | S13 T12S R08W     | Lincoln          |                                | 2.595             | 2.629                 | 2.678    | 1.1               | April 1, 2001                |                |          |           |
| APAC-Shears                   | Various            | Various           | Lincoln          | Grizzly                        | 2.620             | 2.636                 | 2.664    | 0.8               | October 1, 2001              |                |          |           |
| APAC-Shears                   | Various            | S23 T12S R08W     | Lincoln          |                                | 2.638             | 2.645                 | 2.683    | 0.9               | August 1, 2002               |                |          |           |
| Ark River Sand                | 838202             | S06 T32S R03E     | Cowley Co.       |                                | 2.615             | 2.621                 | 2.640    | 0.4               | September 1, 2006            | S              |          |           |
| Ash Grove Aggr.               | 805109             | S30 T40N R31W     | Butler, MO       |                                | 2.524             | 2.592                 | 2.709    | 2.7               | July 1, 2003                 |                |          |           |
| 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              |          |           |
| B&B Redimix                   | 818704             | S20 T07S R18W     | Rooks Co.        |                                | 2.600             | 2.622                 | 2.651    | 0.7               | June 1, 2005                 | S              |          |           |
| Barber & Sons (BFLS)          | 842701             | S07 T47N R30W     | Jackson Co. MO   | Mansand                        | 2.507             | 2.575                 | 2.691    | 2.7               | September 1, 2011            |                | 38.90338 | 94.27975  |
| 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.              | 801824             | S33 T10S R09E     | Riley Co.        |                                | 2.588             | 2.640                 | 2.729    | 2.0               | July 1, 2009                 |                |          |           |
| Bayer Const. Co.              | 802322             | S05 T13S R05E     | Geary Co.        |                                | 2.510             | 2.582                 | 2.705    | 2.9               | April 1, 2007                |                | 38.94896 | 96.90372  |
| 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                  |                |          |           |
| Bedrock Inc.                  | 841401             | S28 T28N R32W     | Cartersville, MO |                                | 2.505             | 2.577                 | 2.620    | 1.5               | May 1, 2003                  |                |          |           |
| 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                 |                |          |           |
| Belco Materials               | 809103             | S11 T25N R8W      | Osage Co.OK      |                                | 2.553             | 2.614                 | 2.718    | 2.4               | May 1, 2005                  |                |          |           |
| 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             |                |          |           |
| Bladen                        | 824201             | S18 T02N R14W     | Franklin Co. NE  |                                | 2.612             | 2.622                 | 2.638    | 0.4               | June 1, 2006                 | S              | 40.13917 | 98.93976  |
| Bladen                        | 824205             | S16 T02N R10W     | Webster Co. NE   |                                | 2.599             | 2.623                 | 2.663    | 0.9               | October 1, 2008              | S              | 40.14244 | 98.45629  |
| 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              |          |           |
| Carder                        | 823503             | S30 T22S R44W     | Prowers Co. CO   | SSG, CG                        | 2.602             | 2.622                 | 2.656    | 0.8               | July 1, 2013                 | S              |          |           |
| Carder                        | 823512             | S22 T23S R43W     | Hamilton CO      |                                | 2.581             | 2.605                 | 2.643    | 0.9               | August 1, 2010               | S              | 38.03351 | 102.03022 |
| Carder                        | 823513             | S19 T24S R39W     | Hamilton CO      |                                | 2.564             | 2.595                 | 2.643    | 1.2               | June 1, 2011                 | 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                  | 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             |                |          |           |
| Cummins Const.                | CC158401           | S23 T29N R22E     | Ottawa Co. OK    |                                | 2.505             | 2.559                 | 2.646    | 2.2               | June 1, 2006                 | c              | 36.98083 | 94.89053  |
| Dartmouth Sand                | 810401             | S33 T19S R12W     | Barton Co.       |                                | 2.610             | 2.640                 | 2.689    | 1.1               | September 1, 2012            | S              |          |           |

**March 2019 LETTING  
PROCEDURE II SPECIFIC GRAVITIES**

| Producer                            | CMS ID<br>Producer | Legal Description    | Location                | Products            | Bulk Dry<br>(Gsb) | Saturated<br>Surf Dry | Apparent | Percent<br>Absorb | Date Modified<br>or Verified | Chat or<br>SSG | Latitude | Longitude |
|-------------------------------------|--------------------|----------------------|-------------------------|---------------------|-------------------|-----------------------|----------|-------------------|------------------------------|----------------|----------|-----------|
| 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              |                |          |           |
| 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                |                |          |           |
| Dolese                              | 809403             | S36 T06N R10W        | Caddo Co. OK            |                     | 2.581             | 2.632                 | 2.721    | 2.0               | January 1, 2008              |                |          |           |
| Eastern Colorado Agg                | 833301             | S16 T23S R42W        | Holly, Prowers Co. CO   |                     | 2.581             | 2.608                 | 2.652    | 1.0               | June 1, 2012                 | S              |          |           |
| Evans And Assoc.                    | CC172602           | S26 T29N R02 E       | Kay Co. OK              |                     | 2.530             | 2.572                 | 2.641    | 1.6               | December 1, 2004             | S              |          |           |
| Flint Rock Products Pile # 2        | 822503             | SW 1/4 S29 T29N R23E | Ottawa County, OK       |                     | 2.558             | 2.594                 | 2.654    | 1.4               | June 1, 2015                 | 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              |          |           |
| Hamm                                | 800921             | S07 T08S R21E        | Easton-Leavenworth Co   |                     | 2.400             | 2.506                 | 2.708    | 5.0               | August 1, 2001               |                |          |           |
| Hamm                                | 800930             | S16 T15S R16E        | Overbrook               |                     | 2.582             | 2.640                 | 2.741    | 2.2               | January 1, 2000              |                |          |           |
| Hamm                                | 800931             | S34 T17S R16E        | Osage Co.               | Screenings          | 2.416             | 2.519                 | 2.694    | 4.3               | May 1, 2004                  |                |          |           |
| Hamm                                | 800931             | S34 T17S R16E        | Osage Co.               | Man Sand            | 2.492             | 2.580                 | 2.731    | 3.5               | May 1, 2004                  |                |          |           |
| Hamm                                | 800948             | S21 T02S R20E        | Doniphan Co.            |                     | 2.570             | 2.635                 | 2.748    | 2.5               | May 1, 2005                  |                |          |           |
| 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                                | 800955             | S13 T13S R03E        | Dickinson Co.           |                     | 2.438             | 2.528                 | 2.682    | 3.7               | August 1, 2004               |                |          |           |
| Hamm                                | 800963             | S04 T15S R04E        | Dickinson Co.           |                     | 2.420             | 2.520                 | 2.667    | 4.1               | August 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                                | 802457             | S10 T14S R04E        | Dickinson Co.           |                     | 2.478             | 2.557                 | 2.692    | 3.2               | June 1, 2011                 |                |          |           |
| Hamm                                | 800964             | S29 T14S R06E        | Morris Co.              |                     | 2.458             | 2.555                 | 2.724    | 4.0               | March 1, 2008                |                | 38.80787 | 96.78781  |
| Hamm                                | 800965             | S03 T07S R10E        | Pottawatomie Co.        |                     | 2.480             | 2.564                 | 2.708    | 3.4               | July 1, 2003                 |                |          |           |
| Hamm (EVCK)                         | 800972             | S16 T15S R16E        | Osage Co.               | Mansand             | 2.482             | 2.563                 | 2.701    | 3.3               | July 1, 2007                 |                |          |           |
| Hamm (SNBD)                         | 800907             | S15 T13S R21E        | Eudora-Douglas Co       |                     | 2.567             | 2.623                 | 2.719    | 2.2               | August 1, 2013               |                |          |           |
| Hamm Plattsmouth Formation          | 800915             | S15 T11S R17E        | Grantville-Jefferson Co |                     | 2.587             | 2.630                 | 2.704    | 1.7               | August 1, 2001               |                |          |           |
| Hamm (EVCK)                         | 800930             | S16 T15S R16E        | Osage Co.               |                     | 2.514             | 2.580                 | 2.691    | 2.6               | April 1, 2012                |                |          |           |
| 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 (Ervine Cr. Ledge)         | 842101             | N1/2 S04 T30S R11E   | Elk Co.                 |                     | 2.531             | 2.609                 | 2.737    | 2.9               | March 1, 2003                |                |          |           |
| 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                |                |          |           |
| Harshman Const.                     | 801517             | S04 T30S R11E        | Elk Co.                 | Screenings          | 2.529             | 2.603                 | 2.731    | 3.0               | December 1, 2016             |                | 37.47226 | 96.21392  |
| Harshman Const. (HRFD)              | 801510             | S19 T19S R15E        | Coffey Co.              | -1" x 3/8           | 2.534             | 2.618                 | 2.767    | 3.3               | February 1, 2006             |                | 38.38015 | 95.79847  |
| Heckert (St. Joe pile Primary)      | 842005             | S20 T29N R23E        | Ottawa Co. OK           |                     | 2.521             | 2.572                 | 2.657    | 2.0               | May 1, 2008                  | C              | 36.97992 | 94.83575  |
| Heckert (St. Joe pile Vantage East) | 842004             | S20 T29N R23E        | Ottawa Co. OK           |                     | 2.512             | 2.563                 | 2.646    | 2.0               | May 1, 2008                  | C              | 36.98278 | 94.83655  |

**March 2019 LETTING  
PROCEDURE II SPECIFIC GRAVITIES**

| Producer                                  | CMS ID<br>Producer | Legal Description | Location          | Products                        | Bulk Dry<br>(Gsb) | Saturated<br>Surf Dry | Apparent | Percent<br>Absorb | Date Modified<br>or Verified | Chat or<br>SSG | Latitude | Longitude |
|---|--------------------|-------------------|-------------------|---------------------------------|-------------------|-----------------------|----------|-------------------|------------------------------|----------------|----------|-----------|
| Heft Sand                                 | 838501             | S35 T30S R14W     | Barber Co.        |                                 | 2.587             | 2.609                 | 2.645    | 0.9               | April 1, 2007                | S              |          |           |
| Holliday Sand                             | 815301             | S28 T11S R23E     | Wyandotte Co.     | SSG                             | 2.600             | 2.610                 | 2.626    | 0.4               | November 1, 2013             | S              |          |           |
| Holliday Sand                             | 815303             | S25 T11S R15E     | Shawnee Co.       | SSG                             | 2.604             | 2.613                 | 2.628    | 0.4               | January 1, 2005              | S              |          |           |
| Holliday Sand                             | 815304             | S23 T11S R16E     | Shawnee Co.       | SSG                             | 2.600             | 2.614                 | 2.637    | 0.5               | January 1, 2005              | 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  |
| Huber                                     | 812702             | S18 T24S R33W     | Finney Co.        |                                 | 2.602             | 2.618                 | 2.646    | 0.6               | August 1, 2011               | S              |          |           |
| Humble Sand & Gavel                       | 822502             | S24 T29N R23E     | Ottawa County, OK | CME                             | 2.526             | 2.571                 | 2.647    | 1.8               | March 1, 2007                | C              |          |           |
| Humble Sand & Gavel                       | 822502             | S24 T29N R23E     | Ottawa County, OK | Dragsand                        | 2.545             | 2.583                 | 2.645    | 1.5               | August 1, 2008               | C              |          |           |
| Hunt Midwest                              | 800205             | S12 T34S R07E     | Cowley Co.        |                                 | 2.511             | 2.576                 | 2.684    | 2.6               | June 1, 2003                 |                |          |           |
| Hunt Midwest                              | 800312             | S18 T17S R23E     | Miami Co.         | CS-2, CS-1A                     | 2.498             | 2.574                 | 2.703    | 3.0               | September 1, 2003            |                |          |           |
| Hunt-Martin (BFLS underground)            | 803512             | S02 T52N R34W     | Clay Co MO        | Dust                            | 2.550             | 2.611                 | 2.716    | 2.4               | July 1, 2008                 |                |          |           |
| Hunt-Martin (BFLS underground)            | 803512             | S02 T52N R34W     | Clay Co MO        | -5/16"                          | 2.600             | 2.634                 | 2.704    | 1.6               | August 1, 2012               |                |          |           |
| Hunt-Martin (BFLS)                        | 807301             | S36 T50N R34W     | Riverside, MO     | Chips                           | 2.565             | 2.617                 | 2.711    | 2.1               | August 1, 2011               |                |          |           |
| Hunt-Martin Materials                     | 800201             | S01 T20S R19E     | Anderson Co.      |                                 | 2.510             | 2.575                 | 2.685    | 2.6               | March 1, 2002                |                |          |           |
| Hunt-Martin Materials                     | 800310             | S13 T16S R19W     | Franklin Co.      | -3/8 washed mansand             | 2.455             | 2.550                 | 2.715    | 3.9               | February 1, 2005             |                |          |           |
| Hunt-Martin Materials                     | 800316             | S14 T15S R18E     | Douglas Co.       |                                 | 2.468             | 2.553                 | 2.697    | 3.4               | October 1, 2002              |                |          |           |
| Hunt-Martin Materials                     | 802454             | S10 T13S R04E     | Dickinson Co.     | CS-II                           | 2.504             | 2.574                 | 2.698    | 2.9               | February 1, 2005             |                |          |           |
| Hunt-Martin Materials (BFLS)              | 802435             | S07 T45N R32W     | Peculiar, MO      | CS-II                           | 2.523             | 2.593                 | 2.712    | 2.8               | February 1, 2005             |                |          |           |
| Hunt-Martin Materials (BFLS)              | 802435             | S07 T45N R32W     | Peculiar, MO      | -1/2"                           | 2.570             | 2.622                 | 2.712    | 2.0               | August 1, 2008               |                |          |           |
| Hunt-Martin Materials (BFLS)              | 807301             | S36 T50N R34W     | Riverside, MO     | -5/16, CS-II                    | 2.549             | 2.614                 | 2.727    | 2.6               | January 1, 2005              |                |          |           |
| Hunt-Martin Materials (BFLS)              | 808103             | S03 T46N R31E     | Greenwood MO      | CS-II                           | 2.517             | 2.582                 | 2.693    | 2.6               | January 1, 2005              |                |          |           |
| Hunt-Martin Materials (CPCK)              | 800310             | S13 T16S R19E     | Franklin Co.      | -3/8                            | 2.512             | 2.592                 | 2.729    | 3.2               | August 1, 2008               |                |          |           |
| Hunt-Martin Materials (CPCK)              | 800310             | S13 T16S R19E     | Franklin Co.      | -4, chips                       | 2.498             | 2.579                 | 2.717    | 3.2               | June 1, 2013                 |                | 38.65633 | 95.25275  |
| Hunt-Martin Materials (CPCK)              | 802447             | S13 T16S R19E     | Franklin Co.      | Screenings, Mansand, 1/4" Chips | 2.494             | 2.573                 | 2.701    | 3.0               | February 1, 2005             |                |          |           |
| Hunt-Martin Materials (Ervine Creek)      | 802433             | S23 T12S R17E     | Douglas Co.       |                                 | 2.449             | 2.546                 | 2.713    | 3.6               | September 1, 2002            |                |          |           |
| Hunt-Martin Materials (Ervine Creek)      | 802437             | S22 T12S R17E     | Shawnee Co.       |                                 | 2.484             | 2.569                 | 2.714    | 3.4               | May 1, 2002                  |                |          |           |
| Hunt-Martin Materials (IFRLY)             | 803501             | S9 T13S R22E      | Johnson Co. KS    |                                 | 2.460             | 2.551                 | 2.708    | 3.8               | July 1, 2011                 |                | 38.93860 | 94.96997  |
| Hunt-Martin Materials (Ozawkie Formation) | 802433             | S23 T12S R17E     | Douglas Co.       | Screenings                      | 2.484             | 2.578                 | 2.743    | 3.8               | December 1, 2004             |                |          |           |
| Hunt-Martin Materials (Ozawkie Formation) | 802433             | S23 T12S R17E     | Douglas Co.       | Washed Chips                    | 2.559             | 2.635                 | 2.789    | 3.0               | December 1, 2004             |                |          |           |
| Hunt-Martin Materials (Ozawkie Formation) | 802437             | S22 T12S R17E     | Shawnee Co.       |                                 | 2.545             | 2.644                 | 2.794    | 3.3               | October 1, 2001              |                |          |           |
| Hunt-Martin Materials (SNBD)              | 800310             | S13 T16S R19E     | Franklin Co.      | mansand                         | 2.594             | 2.637                 | 2.715    | 1.7               | December 1, 2006             |                | 38.65554 | 95.25336  |
| Hunt-Martin Materials (SNBD)              | 800310             | S13 T16S R19E     | Franklin Co.      | 1/4                             | 2.616             | 2.658                 | 2.732    | 1.6               | December 1, 2006             |                | 38.65554 | 95.25336  |
| Hunt-Martin Materials (SNBD)              | 800310             | S13 T16S R19E     | Franklin Co.      | Dust                            | 2.511             | 2.577                 | 2.689    | 2.6               | December 1, 2006             |                | 38.65554 | 95.25336  |
| Hunt-Martin Materials (STNR)              | 800310             | S13 T16S R19E     | Franklin Co.      | mansand                         | 2.429             | 2.539                 | 2.724    | 4.4               | December 1, 2006             |                | 38.65281 | 95.25272  |
| Hunt-Martin Materials (STNR)              | 800310             | S13 T16S R19E     | Franklin Co.      | 1/4                             | 2.482             | 2.568                 | 2.714    | 3.4               | December 1, 2006             |                | 38.65281 | 95.25272  |
| Hunt-Martin Materials (STNR)              | 800310             | S13 T16S R19E     | Franklin Co.      | Dust                            | 2.411             | 2.533                 | 2.748    | 5.0               | December 1, 2006             |                | 38.65281 | 95.25272  |
| Hunt-Martin Materials (STNR)              | 800310             | S13 T16S R19E     | Franklin Co.      | -3/8                            | 2.443             | 2.550                 | 2.572    | 4.4               | August 1, 2008               |                |          |           |
| Hunt-Martin Materials (STNR)              | 800310             | S13 T16S R19E     | Franklin Co.      | Mansand                         | 2.445             | 2.544                 | 2.719    | 4.1               | November 1, 2009             |                | 38.65605 | 95.25503  |
| Hunt-Martin Materials (STNR)              | 800310             | S13 T16S R19E     | Franklin Co.      | Chips                           | 2.444             | 2.555                 | 2.744    | 4.5               | June 1, 2010                 |                | 38.65591 | 95.25500  |
| Hunt-Martin Materials (STNR)              | 800310             | S13 T16S R19E     | Franklin Co.      | MANSAND                         | 2.452             | 2.551                 | 2.721    | 4.0               | August 1, 2014               |                | 38.65706 | 95.25661  |
| Hunt-Martin Materials (UFRLY)             | 803501             | S9 T13S R22E      | Johnson Co. KS    |                                 | 2.463             | 2.556                 | 2.715    | 3.8               | July 1, 2011                 |                | 38.93860 | 94.96997  |
| Hunt-Martin Materials ARGN)               | 803501             | S09 T13S R22E     | Johnson Co. KS    |                                 | 2.462             | 2.554                 | 2.710    | 3.7               | July 1, 2011                 |                | 38.93869 | 94.97256  |
| Hunt-Martin(PKA Martin Marietta) (BFLS)   | 802451             | S11 T46N R31W     | Greenwood, MO     | Dust, - 1/4"                    | 2.575             | 2.628                 | 2.718    | 2.1               | July 1, 2011                 |                | 38.81273 | 94.31907  |
| Hunt-Midwest                              | 803503             | S10 T50N R32W     | Randolph, MO      | Dust                            | 2.565             | 2.612                 | 2.691    | 1.8               | July 1, 2011                 |                |          |           |
| Ideker, Inc.                              | 835401             | S19 T59N R35W     | Andrew Co., MO    |                                 | 2.475             | 2.550                 | 2.688    | 3.3               | June 1, 2002                 |                |          |           |
| J&R Sand Co                               | 814606             | S01 T33S R33W     | Seward Co         |                                 | 2.606             | 2.622                 | 2.647    | 0.6               | October 1, 2011              | S              |          |           |
| Johnson                                   |                    |                   | Salina            |                                 | 2.618             | 2.630                 | 2.656    | 0.6               | January 1, 2001              |                |          |           |

**March 2019 LETTING  
PROCEDURE II SPECIFIC GRAVITIES**

| Producer                       | CMS ID<br>Producer | Legal Description | Location         | Products                   | Bulk Dry<br>(Gsb) | Saturated<br>Surf Dry | Apparent | Percent<br>Absorb | Date Modified<br>or Verified | Chat or<br>SSG | Latitude | Longitude |
|--------------------------------|--------------------|-------------------|------------------|----------------------------|-------------------|-----------------------|----------|-------------------|------------------------------|----------------|----------|-----------|
| 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   | manand                     | 2.566             | 2.619                 | 2.801    | 2.1               | April 1, 2012                |                | 38.84645 | 94.86367  |
| 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  |
| Johnson Sand                   | 818901             | S31 T14S R02W     | Salina           |                            | 2.624             | 2.637                 | 2.658    | 0.5               | July 1, 2010                 | S              |          |           |
| 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  |
| Kaw Valley Sand                | 821701             | S29 T11S R 24E    | Wyandotte Co.    |                            | 2.594             | 2.611                 | 2.639    | 0.6               | November 1, 2010             | 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                          | 812603             | S16 T24S R33W     | Finney Co.       |                            | 2.609             | 2.627                 | 2.658    | 0.7               | October 15, 2004             | S              |          |           |
| Klotz                          | 812604             | S35 T24S R39W     | Hamilton Co.     |                            | 2.606             | 2.615                 | 2.629    | 0.3               | December 1, 2006             | S              |          |           |
| Klotz                          | 812809             | S03 T25S R36W     | Keamy Co.        |                            | 2.605             | 2.622                 | 2.650    | 0.6               | July 1, 2013                 | S              |          |           |
| Knop Concrete                  | 839501             | S06 T20S R11W     | Barton County    |                            | 2.587             | 2.603                 | 2.630    | 0.6               | August 1, 2012               | S              |          |           |
| Krier Blow Sand                | 834801             | S17 T18S R11W     | Barton Co.       |                            | 2.621             | 2.636                 | 2.660    | 0.6               | February 1, 2002             | 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  |
| Lafarge Corp.                  | 600607             | S23 T46N R22W     | Pettis Co., MO   |                            | 2.571             | 2.607                 | 2.699    | 2.1               | May 1, 2004                  |                |          |           |
| Lakeside S&G                   | 844705             | S03 T02N R33W     | Hitchcock Co. NE |                            | 2.598             | 2.614                 | 2.641    | 0.6               | March 1, 2014                | S              |          |           |
| Larned Sand                    | 817401             | S04 T22S R16W     | Larned           |                            | 2.600             | 2.620                 | 2.625    | 0.2               | January 1, 2000              |                |          |           |
| Larned Sand                    | 817402             | S08 T22S R16W     | Pawnee Co.       |                            | 2.598             | 2.612                 | 2.636    | 0.6               | June 1, 2009                 | S              |          |           |
| Martin Marietta                | 802244             | S23 T28S R11E     | Elk Co.          | Mansand                    | 2.492             | 2.575                 | 2.719    | 3.4               | July 1, 2011                 |                |          |           |
| Martin Marietta                | 802244             | S23 T28S R11E     | Elk Co.          |                            | 2.520             | 2.596                 | 2.725    | 3.0               | September 1, 2013            |                |          |           |
| Martin Marietta                | 802323             | S10 T13S R04E     | Chapman          | CS1-A, Man Sand            | 2.544             | 2.605                 | 2.705    | 2.4               | July 1, 2002                 |                |          |           |
| Martin Marietta                | 802402             | S14 T14S R04E     | Dickinson Co.    |                            | 2.446             | 2.526                 | 2.659    | 3.3               | May 1, 2007                  |                | 38.84522 | 96.96287  |
| Martin Marietta                | 802422             | S34 T59N R35W     | Andrew Co., MO   | Screenings                 | 2.500             | 2.590                 | 2.710    | 3.1               | November 1, 2002             |                |          |           |
| Martin Marietta                | 802422             | S34 T59N R35W     | Andrew Co., MO   | 3/8 x 3/16 Chips           | 2.593             | 2.648                 | 2.742    | 2.1               | November 1, 2002             |                |          |           |
| Martin Marietta                | 802434             | S36 T01N R12E     | Pawnee Co, NE    |                            | 2.511             | 2.577                 | 2.688    | 2.7               | December 1, 2004             |                |          |           |
| Martin Marietta                | 802442             | S34 T10S R09E     | Riley Co.        |                            | 2.460             | 2.570                 | 2.710    | 4.3               | October 1, 1999              |                |          |           |
| Martin Marietta                | 802446             | S10 T14S R4E      | Dickinson Co.    |                            | 2.452             | 2.535                 | 2.675    | 3.4               | April 1, 2008                |                |          |           |
| 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                | 806001             | S16 T18S R16E     | Melvorn          |                            | 2.469             | 2.550                 | 2.721    | 4.0               | October 1, 1999              |                |          |           |
| Martin Marietta                | 808502             | S29 T32S R08E     | Winfield         |                            | 2.426             | 2.530                 | 2.690    | 3.9               | October 1, 1999              |                |          |           |
| 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  |

**March 2019 LETTING  
PROCEDURE II SPECIFIC GRAVITIES**

| Producer                             | CMS ID<br>Producer | Legal Description | Location             | Products                 | Bulk Dry<br>(Gsb) | Saturated<br>Surf Dry | Apparent | Percent<br>Absorb | Date Modified<br>or Verified | Chat or<br>SSG | Latitude | Longitude |
|--------------------------------------|--------------------|-------------------|----------------------|--------------------------|-------------------|-----------------------|----------|-------------------|------------------------------|----------------|----------|-----------|
| 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               | 2.509             | 2.576                 | 2.689    | 2.7               | June 1, 2008                 |                |          |           |
| 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                  |                |          |           |
| Mc Coy Pit                           | 841201             | S27 T04N R23W     | Furnas, NE           |                          | 2.564             | 2.590                 | 2.638    | 1.1               | September 1, 2002            | S              |          |           |
| Meier's Sand                         | 806801             | S29 T11S R15E     | Shawnee Co.          |                          | 2.596             | 2.611                 | 2.635    | 0.6               | December 1, 2004             | S              |          |           |
| Meier's Sand                         | 820601             | S23 T11S R16E     | Shawnee Co.          |                          | 2.599             | 2.610                 | 2.628    | 0.4               | July 1, 2010                 | S              |          |           |
| Meridian Agg.                        | 808701             | S20 T02S R05E     | Mill Creek, OK       |                          | 2.634             | 2.644                 | 2.661    | 0.4               | April 1, 2001                |                |          |           |
| Meridian Agg.                        | 833902             | S13 T02N R18W     | Kiowa Co, OK         |                          | 2.534             | 2.575                 | 2.641    | 1.6               | April 1, 2001                |                |          |           |
| 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                 | 843501             | S21 T15 R16E      | Osage Co.            |                          | 2.511             | 2.580                 | 2.696    | 2.7               | December 1, 2004             |                |          |           |
| 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)          | 802433             | S23 T12S R17E     | Douglas Co.          |                          | 2.476             | 2.556                 | 2.695    | 3.3               | January 1, 2008              |                |          |           |
| Mid-States Materials (EVCK)          | 843505             | S26 T12S R17E     | Douglas Co.          |                          | 2.492             | 2.567                 | 2.694    | 2.5               | September 1, 2015            |                |          |           |
| Mid-States Materials (EVCK)          | 843507             | S26 T12S R17E     | Douglas Co.          |                          | 2.614             | 2.664                 | 2.752    | 1.9               | November 1, 2016             |                |          |           |
| 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 (OWZK)          | 802433             | S23 T12S R17E     | Douglas Co.          | CS-2                     | 2.520             | 2.610                 | 2.773    | 3.6               | May 1, 2009                  |                |          |           |
| Mid-States Materials (OZWK)          | 843505             | S26 T12S R17E     | Douglas Co.          |                          | 2.570             | 2.639                 | 2.769    | 2.8               | September 1, 2015            |                |          |           |
| Mid-States Materials (OZWK)          | 843507             | S26 T12S R17E     | Douglas Co.          |                          | 2.562             | 2.633                 | 2.758    | 2.7               | November 1, 2016             |                |          |           |
| Mid-States Materials (RKBF)          | 843503             | S21 T15 R16E      | Osage Co.            | Mansand                  | 2.621             | 2.659                 | 2.724    | 1.5               | August 1, 2015               |                |          |           |
| Mid-States Materials (RKBF)          | 843505             | S26 T12S R17E     | Douglas Co.          |                          | 2.612             | 2.667                 | 2.765    | 2.1               | September 1, 2015            |                |          |           |
| Mid-States Materials (SPGH)          | 803507             | S12 T23S R17E     | Anderson Co.         | -3/4"                    | 2.520             | 2.596                 | 2.725    | 3.0               | June 1, 2015                 |                | 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.           |                          | 2.436             | 2.537                 | 2.737    | 4.7               | September 1, 2006            |                | 37.53553 | 95.32708  |
| 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  |
| 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  |



**March 2019 LETTING**  
**PROCEDURE II SPECIFIC GRAVITIES**

| Producer                            | CMS ID<br>Producer | Legal Description | Location           | Products                     | Bulk Dry<br>(Gsb) | Saturated<br>Surf Dry | Apparent | Percent<br>Absorb | Date Modified<br>or Verified | Chat or<br>SSG | Latitude | Longitude  |
|-------------------------------------|--------------------|-------------------|--------------------|------------------------------|-------------------|-----------------------|----------|-------------------|------------------------------|----------------|----------|------------|
| 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                     | 800107             | S25 T30S R15E     | Wilson Co.         |                              | 2.570             | 2.620                 | 2.710    | 2.1               | May 1, 2000                  |                |          |            |
| Nelson Quarries                     | 800110             | S36 T27S R15E     | Wilson Co.         |                              | 2.540             | 2.610                 | 2.720    | 3.0               | May 1, 2000                  |                |          |            |
| Nelson Quarries                     | 800117             | S15 T31S R17E     | Montgomery Co.     | CS-1, CS-1A                  | 2.510             | 2.585                 | 2.714    | 2.9               | September 1, 2003            |                |          |            |
| Nelson Quarries                     | 800120             | S17T25SR24E       | Bourbon Co.        | CS-2                         | 2.506             | 2.557                 | 2.678    | 2.9               | July 1, 2001                 |                |          |            |
| Nelson Quarries                     | 800120             | S17T25SR24E       | Bourbon Co.        | CS-1A                        | 2.530             | 2.586                 | 2.663    | 1.8               | February 1, 2002             |                |          |            |
| Nelson Quarries (BFLS)              | 800126             | S17 T25S R24E     | Bourbon Co.        |                              | 2.546             | 2.604                 | 2.701    | 2.3               | September 1, 2007            |                | 37.73467 | 95.06667   |
| 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 (STNR)              | 800110             | S36 T27S R15E     | Wilson Co.         |                              | 2.515             | 2.589                 | 2.716    | 3.0               | September 1, 2009            |                | 37.64887 | 95.71446   |
| Nelson Quarries (TRNT)              | 801508             | S11 T24S R15E     | Woodson Co.        | CS-2                         | 2.562             | 2.629                 | 2.745    | 2.6               | October 1, 2004              |                |          |            |
| Nelson Quarries (TRNT)              | 801924             | S26 T25S R13E     | Woodson Co.        | Mansand, - 1/2"              | 2.531             | 2.607                 | 2.739    | 3.0               | October 1, 2015              |                |          |            |
| Paulsen Sand & Gr.                  | 824301             | S19 T03N R30W     | Red Willow Co., NE |                              | 2.599             | 2.613                 | 2.637    | 0.6               | March 1, 2001                | S              |          |            |
| Paulsen Sand & Gr.                  | 824503             | S13 T03N R28W     | Red Willow Co., NE |                              | 2.569             | 2.589                 | 2.615    | 0.6               | January 1, 2010              | S              | 40.22425 | 100.42759  |
| Penny's Conc. (CPCK)                | 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              |          |            |
| Popejoy Const., Inc.                | 812822             | S28 T03S R40W     | Cheyenne Co.       |                              | 2.592             | 2.610                 | 2.639    | 0.7               | August 1, 2007               | S              | 39.76946 | -101.82031 |
| Quik Sand                           | 820101             | S30 T26S R01E     | Sedgewick Co.      |                              | 2.600             | 2.618                 | 2.634    | 0.4               | September 1, 2002            | S              |          |            |
| Quik Sand                           | 820103             | S23 T26S R01W     | Sedgewick Co.      |                              | 2.590             | 2.609                 | 2.640    | 0.6               | August 1, 2006               | S              |          |            |
| Quik Sand                           | 820104             | S34 T28S R01E     | Sedgewick Co.      |                              | 2.596             | 2.611                 | 2.636    | 0.6               | August 1, 2006               | S              |          |            |
| Ritchie Sand                        | 819301             | S35 T26S R01W     | Sedgewick Co.      |                              | 2.588             | 2.610                 | 2.640    | 0.9               | December 1, 2002             | S              |          |            |
| Shaffer Pit (Venture Corp)          |                    | S26 T14S R13W     | Russell Co.        |                              | 2.634             | 2.640                 | 2.649    | 0.2               | September 1, 2000            |                |          |            |
| Shawnee Rock (Argentine Ledge)      | 803705             | S10 T14S R23E     | Johnson Co.        |                              | 2.552             | 2.614                 | 2.720    | 2.4               | April 1, 2005                |                |          |            |
| Shawnee Rock (Argentine Ledge)      | 803706             | S12 T12S R23E     | Johnson Co.        |                              | 2.477             | 2.562                 | 2.709    | 3.5               | May 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 (CPCK Ledge)           | 803705             | S10 T14S R23E     | Johnson Co.        |                              | 2.486             | 2.568                 | 2.708    | 3.3               | November 1, 2006             |                | 38.85113 | 94.84512   |
| Shawnee Rock (CPCK Ledge)           | 803705             | S10 T14S R23E     | Johnson Co.        |                              | 2.543             | 2.607                 | 2.716    | 2.5               | October 1, 2009              |                | 38.85159 | 94.84868   |
| Shawnee Rock (DRUM Ledge)           | 803701             | S01 T12S R23E     | Johnson Co.        |                              | 2.524             | 2.605                 | 2.748    | 3.2               | August 1, 2009               |                | 39.02871 | 94.80701   |
| 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 (LFRLY Ledge)          | 803701             | S01 T12S R23E     | Johnson Co.        | Dust                         | 2.510             | 2.595                 | 2.745    | 3.4               | September 1, 2008            |                | 39.02928 | 94.80807   |
| Shawnee Rock (RYTN Ledge)           | 803701             | S01 T12S R23E     | Johnson Co.        |                              | 2.545             | 2.613                 | 2.732    | 2.7               | October 1, 2006              |                |          |            |
| Shawnee Rock (RYTN Ledge)           | 803703             | S06 T12S R24E     | Johnson Co.        |                              | 2.567             | 2.628                 | 2.734    | 2.4               | May 1, 2004                  |                |          |            |
| 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              |                |          |            |
| Shawnee Rock (UFRLY Ledge)          | 803701             | S01 T12S R23E     | Johnson Co.        |                              | 2.561             | 2.617                 | 2.715    | 2.2               | February 1, 2004             |                |          |            |
| Shawnee Rock (UFRLY Ledge)          | 803701             | S01 T12S R23E     | Johnson Co.        | Dust                         | 2.524             | 2.601                 | 2.735    | 3.1               | June 1, 2007                 |                | 39.02944 | 94.80856   |
| Smith Sand                          | 810503             | S14 T24S R33W     | Finney Co.         |                              | 2.609             | 2.618                 | 2.635    | 0.4               | January 1, 2000              | S              |          |            |
| Smith Sand                          | 810506             | S14 T24S R37W     | Kearny Co.         |                              | 2.607             | 2.621                 | 2.645    | 0.5               | April 1, 2002                | S              |          |            |
| Smith Sand                          | 810516             | S30 T23S R42W     | Hamilton Co.       |                              | 2.574             | 2.616                 | 2.674    | 1.5               | April 1, 2003                | S              |          |            |

**March 2019 LETTING**  
**PROCEDURE II SPECIFIC GRAVITIES**

| Producer                         | CMS ID<br>Producer | Legal Description | Location         | Products             | Bulk Dry<br>(Gsb) | Saturated<br>Surf Dry | Apparent | Percent<br>Absorb | Date Modified<br>or Verified | Chat or<br>SSG | Latitude | Longitude |
|----------------------------------|--------------------|-------------------|------------------|----------------------|-------------------|-----------------------|----------|-------------------|------------------------------|----------------|----------|-----------|
| Sober Sand                       | 843701             | S25 T26N R02E     | Kay Co. OK       |                      | 2.598             | 2.611                 | 2.633    | 0.5               | July 1, 2007                 | S              |          |           |
| Southway                         | 835201             | S07 T26N R36E     | Clayton NM       |                      | 2.783             | 2.862                 | 2.942    | 2.1               | March 1, 2003                |                |          |           |
| Springfield Underground (BLTN)   | 807001             | S10 T29N R21W     | Greene Co. MO    |                      | 2.629             | 2.654                 | 2.695    | 0.9               | June 1, 2011                 |                | 93.22149 | 37.22456  |
| Stone Sand                       | 810201             | S32 T19S R13W     | Barton Co.       |                      | 2.603             | 2.612                 | 2.627    | 0.3               | January 1, 2000              | S              |          |           |
| Sunflower Sand                   | 818101             | S23 T21S R09W     | Rice Co.         |                      | 2.590             | 2.610                 | 2.630    | 0.6               | January 1, 2000              | S              |          |           |
| T&F Sand/Gravel                  | 824902             | S08 T08N R18W     | Buffalo Co. NE   |                      | 2.598             | 2.614                 | 2.643    | 0.7               | October 1, 2009              | S              |          |           |
| Trap Rock And Granite            | 845303             | S12 T34N R03E     | Iron Co. MO      | Mansand              | 2.645             | 2.656                 | 2.674    | 0.4               | December 1, 2016             |                |          |           |
| TXI (Martin-Marietta)            | 840402             | S26 T02S R04E     | Johnston Co., OK |                      | 2.810             | 2.826                 | 2.857    | 0.6               | February 1, 2013             |                |          |           |
| Venture                          | 610109             | S07 T32S R11W     | Barber Co.       |                      | 2.595             | 2.610                 | 2.634    | 0.6               | February 1, 2005             | S              | 37.28160 | 98.56049  |
| Venture                          | 808317             | S24 T13S R40W     | Wallace Co.      |                      | 2.588             | 2.609                 | 2.643    | 0.8               | March 1, 2004                | S              |          |           |
| Venture                          | 810119             | S32 T14S R23W     | Trego Co.        |                      | 2.616             | 2.629                 | 2.649    | 0.5               | May 1, 2006                  | S              | 38.79394 | 99.89434  |
| 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                |                |          |           |
| VJ Stone                         | 844601             | S25 T06N R14W     | Kiowa Co.        |                      | 2.648             | 2.678                 | 2.729    | 1.1               | March 1, 2008                |                |          |           |
| 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)            | 805002             | S20 T19S R25E     | Linn Co.         | CS-1A, CS-2, Mansand | 2.496             | 2.576                 | 2.713    | 3.2               | December 1, 2014             |                | 38.37638 | 94.67629  |
| 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  |
| Wade Quarries (SPGH)             | 805011             | S16 T20S R20E     | Anderson Co.     | -3/8" chip           | 2.439             | 2.548                 | 2.727    | 4.5               | August 1, 2012               |                | 38.31148 | 95.20013  |
| 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                 |                |          |           |
| 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.       |                      | 2.506             | 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  |
| Whitfield Sand                   | 813411             | S20 T21S R07W     | Rice Co.         |                      | 2.604             | 2.619                 | 2.644    | 0.6               | February 1, 2002             | S              |          |           |
| Ysidro Sand                      | 847401             | S25T29SR01E       | Sedgwick County  |                      | 2.599             | 2.613                 | 2.636    | 0.6               | March 1, 2013                | S              |          |           |